

# **ÍNDICE DE CONTENIDO DE LA REGIÓN PIURA**

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|                                                                                                              |                                                                                                                                          |

|                                                                                                            |                           |                                                                                                                                        |                           |
|------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|
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## PIURA: PRINCIPALES INDICADORES DEL MERCADO DE TRABAJO, 2004 - 2018

| Años | Población en Edad de Trabajar (PET) 1/ | Población Económicamente Activa (PEA) 2/ |            |               | Indicadores       |                          |                      |
|------|----------------------------------------|------------------------------------------|------------|---------------|-------------------|--------------------------|----------------------|
|      |                                        | Total                                    | Ocupada 3/ | Desocupada 4/ | Tasa de actividad | Ratio empleo / población | Tasa de desempleo 5/ |
|      |                                        | En miles de personas                     |            |               | En porcentaje     |                          |                      |
| 2004 | 1,124.9                                | 777.7                                    | 737.5      | 40.2          | 69.1              | 65.6                     | 5.2                  |
| 2005 | 1,143.6                                | 800.8                                    | 753.7      | 47.1          | 70.0              | 65.9                     | 5.9                  |
| 2006 | 1,162.1                                | 810.8                                    | 761.9      | 48.9          | 69.8              | 65.6                     | 6.0                  |
| 2007 | 1,180.3                                | 875.5                                    | 828.8      | 46.7          | 74.2              | 70.2                     | 5.3                  |
| 2008 | 1,198.3                                | 859.9                                    | 813.5      | 46.4          | 71.8              | 67.9                     | 5.4                  |
| 2009 | 1,216.3                                | 894.0                                    | 848.8      | 45.2          | 73.5              | 69.8                     | 5.1                  |
| 2010 | 1,234.2                                | 901.0                                    | 859.8      | 41.2          | 73.0              | 69.7                     | 4.6                  |
| 2011 | 1,252.1                                | 874.8                                    | 842.5      | 32.3          | 69.9              | 67.3                     | 3.7                  |
| 2012 | 1,269.8                                | 898.3                                    | 867.9      | 30.4          | 70.7              | 68.3                     | 3.4                  |
| 2013 | 1,287.5                                | 917.6                                    | 869.3      | 48.3          | 71.3              | 67.5                     | 5.3                  |
| 2014 | 1,305.2                                | 920.7                                    | 890.1      | 30.5          | 70.5              | 68.2                     | 3.3                  |
| 2015 | 1,322.7                                | 913.1                                    | 887.5      | 25.6          | 69.0              | 67.1                     | 2.8                  |
| 2016 | 1,340.2                                | 923.2                                    | 894.6      | 28.6          | 68.9              | 66.7                     | 3.1                  |
| 2017 | 1,357.7                                | 930.7                                    | 905.0      | 25.7          | 68.5              | 66.7                     | 2.8                  |
| 2018 | 1,375.1                                | 974.7                                    | 945.9      | 28.7          | 70.9              | 68.8                     | 2.9                  |

**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).

**PIURA: 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<br>ingresos 3/ |                          |                   |                                     |
| 2004 | 5.2             | 78.4      | 7.5          | 70.9               | 16.5                     | 100.0             | 777.7                               |
| 2005 | 5.9             | 77.2      | 10.7         | 66.5               | 17.0                     | 100.0             | 800.8                               |
| 2006 | 6.0             | 71.1      | 10.6         | 60.4               | 22.9                     | 100.0             | 810.8                               |
| 2007 | 5.3             | 71.3      | 12.8         | 58.5               | 23.4                     | 100.0             | 875.5                               |
| 2008 | 5.4             | 65.7      | 10.0         | 55.7               | 28.9                     | 100.0             | 859.9                               |
| 2009 | 5.1             | 56.7      | 6.7          | 50.1               | 38.2                     | 100.0             | 894.0                               |
| 2010 | 4.6             | 58.1      | 7.7          | 50.5               | 37.3                     | 100.0             | 901.0                               |
| 2011 | 3.7             | 55.2      | 7.1          | 48.1               | 41.1                     | 100.0             | 874.8                               |
| 2012 | 3.4             | 54.1      | 5.8          | 48.3               | 42.5                     | 100.0             | 898.3                               |
| 2013 | 5.3             | 51.2      | 5.5          | 45.7               | 43.5                     | 100.0             | 917.6                               |
| 2014 | 3.3             | 52.0      | 5.4          | 46.6               | 44.7                     | 100.0             | 920.7                               |
| 2015 | 2.8             | 52.6      | 3.6          | 49.0               | 44.6                     | 100.0             | 913.1                               |
| 2016 | 3.1             | 51.5      | 1.7          | 49.8               | 45.4                     | 100.0             | 923.2                               |
| 2017 | 2.8             | 49.9      | 2.1          | 47.8               | 47.3                     | 100.0             | 930.7                               |
| 2018 | 2.9             | 47.0      | 2.2          | 44.8               | 50.0                     | 100.0             | 974.7                               |

**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 2005, 2006, 2008, 2011, 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. Cifras referenciales para los años del 2005, 2015, 2016 y 2017.

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).

**PIURA: 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 5/ | Total relativo | Total PEA ocupada (Miles de personas) |
|------|-------------------|-------------------|------------------------|--------------------------|------------------------------|--------------------|---------------|-----------------------------------|-------------------------|----------------|---------------------------------------|
|      |                   | Total             | De 2 a 10 trabajadores | De 11 a 100 trabajadores | De 101 y más trabajadores 3/ | No especificado 4/ |               |                                   |                         |                |                                       |
| 2004 | 5.6               | 32.4              | 21.6                   | 5.4                      | 3.3                          | 2.2                | 43.0          | 15.8                              | 3.2                     | 100.0          | 737.5                                 |
| 2005 | 5.7               | 34.3              | 22.2                   | 6.4                      | 5.1                          | 0.6                | 44.0          | 11.9                              | 4.2                     | 100.0          | 753.7                                 |
| 2006 | 5.7               | 36.1              | 23.5                   | 5.8                      | 6.6                          | 0.2                | 42.4          | 12.8                              | 3.1                     | 100.0          | 761.9                                 |
| 2007 | 7.5               | 36.0              | 23.7                   | 7.3                      | 4.8                          | 0.3                | 43.3          | 10.8                              | 2.5                     | 100.0          | 828.8                                 |
| 2008 | 6.8               | 37.1              | 22.4                   | 7.2                      | 7.2                          | 0.2                | 40.7          | 12.7                              | 2.6                     | 100.0          | 813.5                                 |
| 2009 | 8.8               | 38.1              | 21.9                   | 7.6                      | 8.3                          | 0.1                | 37.6          | 12.2                              | 3.3                     | 100.0          | 848.8                                 |
| 2010 | 6.3               | 40.8              | 23.7                   | 7.8                      | 8.7                          | 0.7                | 38.9          | 10.9                              | 3.1                     | 100.0          | 859.8                                 |
| 2011 | 7.6               | 38.4              | 23.1                   | 7.9                      | 6.6                          | 0.8                | 40.7          | 10.5                              | 2.8                     | 100.0          | 842.5                                 |
| 2012 | 7.7               | 40.9              | 23.9                   | 7.0                      | 9.3                          | 0.7                | 39.8          | 9.3                               | 2.3                     | 100.0          | 867.9                                 |
| 2013 | 7.6               | 39.9              | 22.4                   | 7.7                      | 9.5                          | 0.3                | 39.5          | 9.5                               | 3.5                     | 100.0          | 869.3                                 |
| 2014 | 5.5               | 42.0              | 23.6                   | 8.4                      | 9.5                          | 0.5                | 41.7          | 7.9                               | 2.9                     | 100.0          | 890.1                                 |
| 2015 | 6.5               | 41.3              | 24.6                   | 7.3                      | 9.2                          | 0.1                | 40.1          | 10.0                              | 2.2                     | 100.0          | 887.5                                 |
| 2016 | 6.6               | 41.2              | 25.1                   | 7.4                      | 8.6                          | 0.1                | 41.6          | 8.6                               | 2.0                     | 100.0          | 894.6                                 |
| 2017 | 8.0               | 40.7              | 23.2                   | 7.2                      | 10.1                         | 0.1                | 42.1          | 6.9                               | 2.2                     | 100.0          | 905.0                                 |
| 2018 | 7.1               | 42.0              | 23.3                   | 7.7                      | 10.9                         | 0.2                | 41.7          | 7.2                               | 1.9                     | 100.0          | 945.9                                 |

**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, 2005 y 2009.

2/ Incluye a los empleadores.

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

4/ Cifras referenciales para todos los años.

5/ Cifras referenciales para todos los años a excepción del 2005 y 2013.

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

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

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

| Años | Profesional,<br>técnico, gerente,<br>administrador y<br>funcionario 1/ | Empleado<br>de oficina 2/ | Vendedor | Agricultor,<br>ganadero, pescador,<br>minero y cantero | Artesano y<br>operario 3/ | Obrero,<br>jornalero 4/ | Conductor<br>5/ | Trabajador de<br>los servicios | Trabajador<br>del hogar 6/ | Total<br>relativo | PEA<br>ocupada<br>(Miles de<br>personas) |
|------|------------------------------------------------------------------------|---------------------------|----------|--------------------------------------------------------|---------------------------|-------------------------|-----------------|--------------------------------|----------------------------|-------------------|------------------------------------------|
| 2004 | 6.9                                                                    | 2.7                       | 17.7     | 37.1                                                   | 9.6                       | 3.2                     | 4.3             | 15.4                           | 3.2                        | 100.0             | 737.5                                    |
| 2005 | 6.2                                                                    | 3.2                       | 16.4     | 36.8                                                   | 8.6                       | 3.9                     | 4.6             | 16.2                           | 4.2                        | 100.0             | 753.7                                    |
| 2006 | 7.8                                                                    | 3.1                       | 18.1     | 34.3                                                   | 10.4                      | 3.8                     | 4.9             | 14.5                           | 3.1                        | 100.0             | 761.9                                    |
| 2007 | 8.9                                                                    | 3.6                       | 17.5     | 32.4                                                   | 10.5                      | 2.5                     | 6.5             | 15.7                           | 2.5                        | 100.0             | 828.8                                    |
| 2008 | 9.6                                                                    | 3.5                       | 18.9     | 32.0                                                   | 10.2                      | 3.6                     | 7.4             | 12.1                           | 2.6                        | 100.0             | 813.5                                    |
| 2009 | 8.9                                                                    | 4.3                       | 17.6     | 29.7                                                   | 10.8                      | 4.2                     | 6.9             | 14.2                           | 3.3                        | 100.0             | 848.8                                    |
| 2010 | 7.4                                                                    | 3.6                       | 18.0     | 30.8                                                   | 10.1                      | 5.6                     | 6.7             | 14.8                           | 3.1                        | 100.0             | 859.8                                    |
| 2011 | 9.0                                                                    | 3.9                       | 17.2     | 29.6                                                   | 9.0                       | 4.6                     | 8.4             | 15.4                           | 2.8                        | 100.0             | 842.5                                    |
| 2012 | 9.8                                                                    | 4.8                       | 18.9     | 29.3                                                   | 8.4                       | 5.8                     | 6.9             | 13.7                           | 2.3                        | 100.0             | 867.9                                    |
| 2013 | 9.5                                                                    | 5.5                       | 18.2     | 29.6                                                   | 9.8                       | 4.0                     | 6.8             | 12.9                           | 3.5                        | 100.0             | 869.3                                    |
| 2014 | 8.7                                                                    | 4.1                       | 17.8     | 29.2                                                   | 9.1                       | 5.1                     | 9.0             | 14.1                           | 2.9                        | 100.0             | 890.1                                    |
| 2015 | 8.4                                                                    | 4.4                       | 17.3     | 30.7                                                   | 9.6                       | 5.0                     | 7.4             | 15.0                           | 2.2                        | 100.0             | 887.5                                    |
| 2016 | 8.0                                                                    | 4.5                       | 17.0     | 30.8                                                   | 9.5                       | 5.2                     | 8.1             | 14.9                           | 2.0                        | 100.0             | 894.6                                    |
| 2017 | 8.9                                                                    | 5.0                       | 18.1     | 28.0                                                   | 9.9                       | 4.9                     | 7.5             | 15.4                           | 2.2                        | 100.0             | 905.0                                    |
| 2018 | 8.5                                                                    | 4.4                       | 17.2     | 28.9                                                   | 10.3                      | 5.0                     | 7.9             | 15.9                           | 1.9                        | 100.0             | 945.9                                    |

**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 2006.

2/ Cifras referenciales para los años 2004 al 2011.

3/ Cifras referenciales para los años 2004 y 2008.

4/ Cifras referenciales para los años 2004 al 2009.

5/ Cifras referenciales para los años 2005 al 2007.

6/ Cifras referenciales para todos los años a excepción del 2005 y 2013.

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

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

**PIURA: 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 | 27.0                     | 43.0          | 5.4          | 5.6                      | 15.8                                    | 3.2                        | 100.0          | 737.5                                 |
| 2005 | 27.3                     | 44.0          | 7.0          | 5.7                      | 11.9                                    | 4.2                        | 100.0          | 753.7                                 |
| 2006 | 29.8                     | 42.4          | 6.3          | 5.7                      | 12.8                                    | 3.1                        | 100.0          | 761.9                                 |
| 2007 | 29.0                     | 43.3          | 7.0          | 7.5                      | 10.8                                    | 2.5                        | 100.0          | 828.8                                 |
| 2008 | 31.6                     | 40.7          | 5.5          | 6.8                      | 12.7                                    | 2.6                        | 100.0          | 813.5                                 |
| 2009 | 33.2                     | 37.6          | 4.9          | 8.8                      | 12.2                                    | 3.3                        | 100.0          | 848.8                                 |
| 2010 | 35.6                     | 38.9          | 5.2          | 6.3                      | 10.9                                    | 3.1                        | 100.0          | 859.8                                 |
| 2011 | 32.8                     | 40.7          | 5.5          | 7.6                      | 10.5                                    | 2.8                        | 100.0          | 842.5                                 |
| 2012 | 36.0                     | 39.8          | 4.9          | 7.7                      | 9.3                                     | 2.3                        | 100.0          | 867.9                                 |
| 2013 | 35.6                     | 39.5          | 4.3          | 7.6                      | 9.5                                     | 3.5                        | 100.0          | 869.3                                 |
| 2014 | 38.2                     | 41.7          | 3.8          | 5.5                      | 7.9                                     | 2.9                        | 100.0          | 890.1                                 |
| 2015 | 37.9                     | 40.1          | 3.4          | 6.5                      | 10.0                                    | 2.2                        | 100.0          | 887.5                                 |
| 2016 | 37.7                     | 41.6          | 3.4          | 6.6                      | 8.6                                     | 2.0                        | 100.0          | 894.6                                 |
| 2017 | 37.7                     | 42.1          | 3.0          | 8.1                      | 6.9                                     | 2.2                        | 100.0          | 905.0                                 |
| 2018 | 38.7                     | 41.7          | 3.4          | 7.1                      | 7.2                                     | 1.9                        | 100.0          | 945.9                                 |

**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 el año 2015.

3/ Comprende a los empleados y obreros públicos. Cifras referenciales para los años 2004, 2005 y 2009.

4/ Cifras referenciales para todos los años a excepción del 2005 y 2013.

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

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

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

(Porcentaje)

| Años | Extractiva 1/ | Industria<br>Manufacturera 2/ | Construcción 3/ | Comercio | Servicios no<br>personales | Servicios<br>personales | Hogares 4/ | Total<br>relativo | PEA ocupada<br>(Miles de<br>personas) |
|------|---------------|-------------------------------|-----------------|----------|----------------------------|-------------------------|------------|-------------------|---------------------------------------|
| 2007 | 33.5          | 10.5                          | 2.5             | 19.9     | 21.1                       | 10.0                    | 2.5        | 100.0             | 828.8                                 |
| 2008 | 33.2          | 10.1                          | 3.8             | 20.2     | 22.7                       | 7.5                     | 2.7        | 100.0             | 813.5                                 |
| 2009 | 30.8          | 10.7                          | 3.7             | 19.8     | 23.6                       | 8.1                     | 3.3        | 100.0             | 848.8                                 |
| 2010 | 31.8          | 9.9                           | 5.3             | 20.9     | 19.6                       | 9.4                     | 3.1        | 100.0             | 859.8                                 |
| 2011 | 31.0          | 9.1                           | 5.0             | 19.1     | 23.1                       | 10.1                    | 2.8        | 100.0             | 842.5                                 |
| 2012 | 30.4          | 8.5                           | 5.8             | 21.0     | 22.4                       | 9.4                     | 2.3        | 100.0             | 867.9                                 |
| 2013 | 30.7          | 9.0                           | 5.2             | 20.9     | 22.7                       | 7.9                     | 3.5        | 100.0             | 869.3                                 |
| 2014 | 30.9          | 8.1                           | 6.1             | 19.9     | 24.2                       | 8.0                     | 2.9        | 100.0             | 890.1                                 |
| 2015 | 32.5          | 9.4                           | 5.6             | 19.5     | 21.8                       | 9.0                     | 2.2        | 100.0             | 887.5                                 |
| 2016 | 31.8          | 8.6                           | 5.8             | 19.1     | 22.3                       | 10.3                    | 2.0        | 100.0             | 894.6                                 |
| 2017 | 29.6          | 8.5                           | 5.7             | 20.5     | 23.8                       | 9.8                     | 2.2        | 100.0             | 905.0                                 |
| 2018 | 30.1          | 9.7                           | 5.4             | 19.7     | 23.4                       | 9.9                     | 1.9        | 100.0             | 945.9                                 |

**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/ Cifra referencial para el año 2008.

3/ Cifras referenciales para los años 2007 al 2019.

4/ Cifras referenciales para todos los años a excepción del 2013.

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

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

**PIURA: 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 | 2.0        | 35.2         | 35.3         | 22.4         | 5.2              | 100.0          | 737.5                           |
| 2005 | 1.1        | 34.7         | 35.5         | 23.7         | 5.0              | 100.0          | 753.7                           |
| 2006 | 1.2        | 32.6         | 36.6         | 24.8         | 4.8              | 100.0          | 761.9                           |
| 2007 | 1.6        | 34.6         | 35.4         | 23.3         | 5.2              | 100.0          | 828.8                           |
| 2008 | 1.5        | 33.4         | 35.2         | 24.1         | 5.9              | 100.0          | 813.5                           |
| 2009 | 1.4        | 34.6         | 34.0         | 24.7         | 5.3              | 100.0          | 848.8                           |
| 2010 | 1.5        | 33.8         | 35.4         | 24.0         | 5.3              | 100.0          | 859.8                           |
| 2011 | 1.5        | 32.6         | 35.2         | 25.3         | 5.4              | 100.0          | 842.5                           |
| 2012 | 1.0        | 32.6         | 36.3         | 24.8         | 5.4              | 100.0          | 867.9                           |
| 2013 | 1.4        | 30.8         | 36.4         | 25.8         | 5.6              | 100.0          | 869.3                           |
| 2014 | 1.0        | 28.5         | 37.9         | 26.6         | 5.9              | 100.0          | 890.1                           |
| 2015 | 0.8        | 29.5         | 37.3         | 26.5         | 5.9              | 100.0          | 887.5                           |
| 2016 | 0.7        | 28.8         | 36.4         | 28.3         | 5.7              | 100.0          | 894.6                           |
| 2017 | 0.7        | 27.9         | 37.2         | 28.3         | 6.0              | 100.0          | 905.0                           |
| 2018 | 0.6        | 29.7         | 35.4         | 28.6         | 5.7              | 100.0          | 945.9                           |

**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/ Cifra referencial para el año 2004.

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

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

**PIURA: 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 | 9.6          | 36.6        | 38.4       | 10.5                      | 5.0                       | 100.0          | 737.5                           |
| 2005 | 8.7          | 38.2        | 37.0       | 10.9                      | 5.2                       | 100.0          | 753.7                           |
| 2006 | 8.5          | 33.7        | 39.3       | 11.8                      | 6.7                       | 100.0          | 761.9                           |
| 2007 | 7.3          | 33.2        | 37.7       | 13.6                      | 8.3                       | 100.0          | 828.8                           |
| 2008 | 6.6          | 32.0        | 39.3       | 14.0                      | 8.0                       | 100.0          | 813.5                           |
| 2009 | 6.8          | 30.5        | 39.7       | 14.1                      | 8.9                       | 100.0          | 848.8                           |
| 2010 | 6.0          | 33.4        | 37.8       | 14.8                      | 7.9                       | 100.0          | 859.8                           |
| 2011 | 4.8          | 30.0        | 40.7       | 14.7                      | 9.9                       | 100.0          | 842.5                           |
| 2012 | 4.4          | 30.1        | 39.5       | 15.0                      | 10.9                      | 100.0          | 867.9                           |
| 2013 | 4.9          | 30.6        | 39.4       | 15.5                      | 9.7                       | 100.0          | 869.3                           |
| 2014 | 4.8          | 31.2        | 39.7       | 14.4                      | 10.0                      | 100.0          | 890.1                           |
| 2015 | 4.1          | 32.9        | 41.1       | 13.0                      | 9.0                       | 100.0          | 887.5                           |
| 2016 | 4.6          | 31.1        | 40.2       | 14.9                      | 9.2                       | 100.0          | 894.6                           |
| 2017 | 4.2          | 28.8        | 40.1       | 15.5                      | 11.4                      | 100.0          | 905.0                           |
| 2018 | 4.4          | 30.2        | 39.6       | 15.4                      | 10.3                      | 100.0          | 945.9                           |

**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, 2005 y 2011.

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

3/ Cifras referenciales para los años 2004 al 2006, 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).

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

(Porcentaje)

| Años | Hasta 14 horas | 15 a 34 horas | 35 a 47 horas | 48 horas 1/ | 49 a 59 horas | 60 a más horas | Total relativo | PEA ocupada<br>(Miles de personas) |
|------|----------------|---------------|---------------|-------------|---------------|----------------|----------------|------------------------------------|
| 2004 | 8.3            | 22.9          | 21.3          | 7.5         | 16.2          | 23.8           | 100.0          | 737.5                              |
| 2005 | 10.8           | 26.7          | 19.6          | 7.0         | 16.5          | 19.3           | 100.0          | 753.7                              |
| 2006 | 11.2           | 24.5          | 23.2          | 6.9         | 17.3          | 16.9           | 100.0          | 761.9                              |
| 2007 | 9.1            | 23.4          | 21.3          | 7.6         | 16.7          | 21.9           | 100.0          | 828.8                              |
| 2008 | 7.4            | 23.8          | 22.5          | 6.7         | 16.9          | 22.7           | 100.0          | 813.5                              |
| 2009 | 6.0            | 22.2          | 22.1          | 7.6         | 17.3          | 24.9           | 100.0          | 848.8                              |
| 2010 | 8.1            | 23.9          | 21.0          | 7.4         | 15.6          | 24.0           | 100.0          | 859.8                              |
| 2011 | 9.3            | 24.9          | 18.5          | 7.9         | 16.6          | 22.7           | 100.0          | 842.5                              |
| 2012 | 8.2            | 24.8          | 19.7          | 8.6         | 16.4          | 22.3           | 100.0          | 867.9                              |
| 2013 | 8.4            | 22.9          | 20.8          | 9.5         | 14.6          | 23.8           | 100.0          | 869.3                              |
| 2014 | 8.7            | 22.8          | 19.2          | 9.3         | 15.9          | 24.0           | 100.0          | 890.1                              |
| 2015 | 6.4            | 23.5          | 19.5          | 12.1        | 14.8          | 23.8           | 100.0          | 887.5                              |
| 2016 | 8.4            | 22.9          | 20.4          | 11.2        | 15.6          | 21.6           | 100.0          | 894.6                              |
| 2017 | 9.6            | 20.8          | 22.2          | 10.7        | 15.3          | 21.4           | 100.0          | 905.0                              |
| 2018 | 9.4            | 21.7          | 21.5          | 10.0        | 15.5          | 22.0           | 100.0          | 945.9                              |

**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 2005.

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

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

## PIURA: 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 1/ | De S/. 1500 a más 2/ | Total relativo | PEA ocupada (Miles de personas) |
|------|-------------|------------------|----------------------|---------------------------|----------------------|----------------|---------------------------------|
| 2004 | 15.9        | 60.6             | 15.8                 | 3.9                       | 3.8                  | 100.0          | 737.5                           |
| 2005 | 12.5        | 62.3             | 16.5                 | 5.2                       | 3.5                  | 100.0          | 753.7                           |
| 2006 | 12.8        | 56.2             | 20.6                 | 6.4                       | 3.9                  | 100.0          | 761.9                           |
| 2007 | 10.9        | 58.1             | 18.4                 | 6.7                       | 5.9                  | 100.0          | 828.8                           |
| 2008 | 12.7        | 50.6             | 22.6                 | 7.2                       | 6.9                  | 100.0          | 813.5                           |
| 2009 | 12.2        | 42.0             | 26.5                 | 10.7                      | 8.6                  | 100.0          | 848.8                           |
| 2010 | 10.9        | 44.5             | 25.0                 | 9.5                       | 10.1                 | 100.0          | 859.8                           |
| 2011 | 10.6        | 38.2             | 27.6                 | 12.0                      | 11.7                 | 100.0          | 842.5                           |
| 2012 | 9.3         | 36.8             | 27.0                 | 13.3                      | 13.6                 | 100.0          | 867.9                           |
| 2013 | 9.5         | 35.2             | 25.7                 | 14.5                      | 15.2                 | 100.0          | 869.3                           |
| 2014 | 8.0         | 35.4             | 28.0                 | 14.3                      | 14.3                 | 100.0          | 890.1                           |
| 2015 | 10.0        | 31.6             | 28.0                 | 15.6                      | 14.8                 | 100.0          | 887.5                           |
| 2016 | 8.6         | 33.5             | 25.6                 | 16.0                      | 16.3                 | 100.0          | 894.6                           |
| 2017 | 6.9         | 33.4             | 23.9                 | 16.0                      | 19.9                 | 100.0          | 905.0                           |
| 2018 | 7.2         | 31.1             | 22.7                 | 18.0                      | 21.0                 | 100.0          | 945.9                           |

**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.

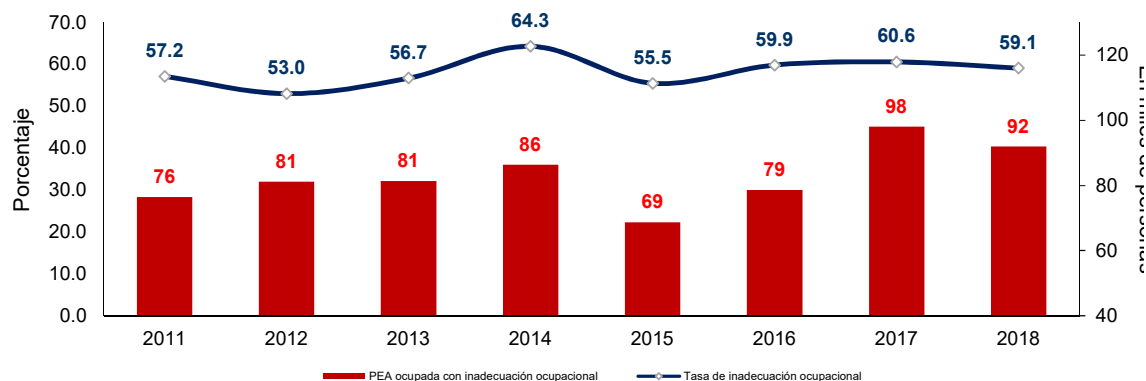
1/ Cifra referencial para el año 2007.

2/ Cifras referenciales para los años 2004, 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).

**PIURA: PEA OCUPADA CON EDUCACIÓN SUPERIOR COMPLETA INADECUADAMENTE OCUPADA**  
**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.

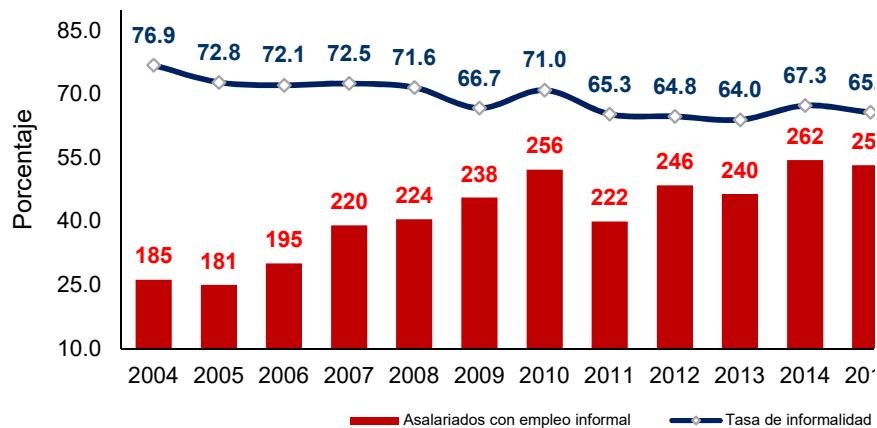
**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2011 - 2018.

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

PADA Y

En miles de personas

**PIURA: PEA OCUPADA ASALARIADA CON EMPLEO INFORMAL  
INFORMALIDAD, 2004 - 2018**  
(Porcentaje y en miles de personas)

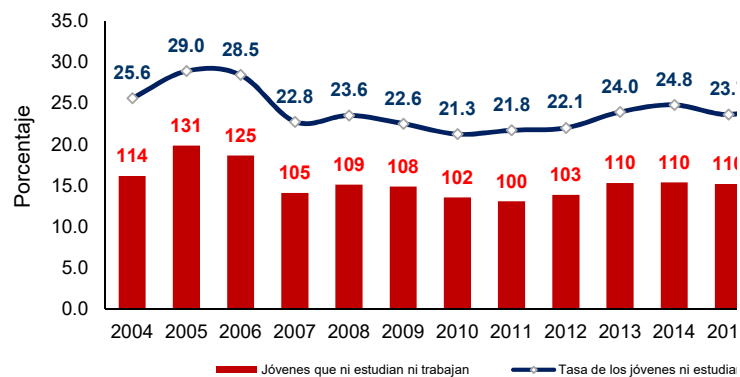


**Notas:** El empleo informal se calcula en base a la Metodología de la OIT. Comprende a aquellos en unidades productivas que no cuentan con RUC registrado en la SUNAT o aquellos que no cuentan como seguro de salud.

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

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

# **PIURA: POBLACIÓN JUVENIL QUE NI ESTUDIA NI TRABAJA** (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 - 2015

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

**PIURA: INGRESO LABORAL MENSUAL PROMEDIO Y  
MEDIANA DE LA PEA OCUPADA, 2004 - 2018  
(Soles)**

| Años | Promedio | Mediana |
|------|----------|---------|
| 2004 | 465      | 297     |
| 2005 | 449      | 295     |
| 2006 | 525      | 341     |
| 2007 | 550      | 343     |
| 2008 | 621      | 409     |
| 2009 | 761      | 520     |
| 2010 | 742      | 501     |
| 2011 | 856      | 604     |
| 2012 | 886      | 632     |
| 2013 | 891      | 690     |
| 2014 | 902      | 688     |
| 2015 | 935      | 744     |
| 2016 | 952      | 755     |
| 2017 | 1,047    | 785     |
| 2018 | 1,104    | 863     |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Pob  
Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados ;  
Se consideran los ingresos totales por trabajo de la ocupación principal y secundaria del tra  
**Fuente:** INEI - Encuesta Nacional de Hogares sobre Condiciones de Vida y Pobreza, 2004 - 2018.  
**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

**PIURA: 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 | 249       | 205          | 254             | 1,297                 | 465   |
| 2005 | 248       | 211          | 254             | 1,224                 | 449   |
| 2006 | 256       | 218          | 263             | 1,219                 | 525   |
| 2007 | 267       | 295          | 261             | 1,287                 | 550   |
| 2008 | 270       | 258          | 273             | 1,272                 | 621   |
| 2009 | 268       | 302          | 264             | 1,343                 | 761   |
| 2010 | 268       | 262          | 269             | 1,350                 | 742   |
| 2011 | 313       | 427          | 295             | 1,450                 | 856   |
| 2012 | 316       | 475          | 295             | 1,493                 | 886   |
| 2013 | 325       | 461          | 307             | 1,440                 | 891   |
| 2014 | 316       | 443          | 300             | 1,483                 | 902   |
| 2015 | 351       | 538          | 336             | 1,495                 | 935   |
| 2016 | 334       | 688          | 321             | 1,539                 | 952   |
| 2017 | 332       | 639          | 318             | 1,701                 | 1,047 |
| 2018 | 334       | 572          | 321             | 1,721                 | 1,104 |

**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 consideran 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 2003, 2016 y 2017.

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.

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

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

**PIURA: 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 | Total |
|------|----------------|-------------------|---------------------|--------------------------|---------------------------|---------------|----------------------|-------|
|      |                | Total             | 2 a 10 trabajadores | 11 a 100 trabajadores 2/ | 101 a más trabajadores 3/ |               |                      |       |
| 2004 | 1,087          | 561               | 397                 | 724                      | 1,260                     | 326           | 293                  | 465   |
| 2005 | 1,049          | 597               | 526                 | 620                      | 903                       | 273           | 320                  | 449   |
| 2006 | 1,126          | 689               | 521                 | 670                      | 1,314                     | 319           | 332                  | 525   |
| 2007 | 1,331          | 665               | 536                 | 699                      | 1,261                     | 330           | 361                  | 550   |
| 2008 | 1,294          | 776               | 552                 | 856                      | 1,396                     | 383           | 388                  | 621   |
| 2009 | 1,309          | 648               | 692                 | 1,094                    | 1,543                     | 462           | 420                  | 761   |
| 2010 | 1,501          | 953               | 742                 | 1,046                    | 1,453                     | 418           | 486                  | 742   |
| 2011 | 1,623          | 993               | 752                 | 1,140                    | 1,650                     | 611           | 466                  | 856   |
| 2012 | 1,796          | 1,062             | 824                 | 1,310                    | 1,478                     | 549           | 577                  | 886   |
| 2013 | 1,594          | 1,108             | 923                 | 1,357                    | 1,483                     | 537           | 556                  | 891   |
| 2014 | 1,675          | 1,176             | 892                 | 1,227                    | 1,857                     | 542           | 660                  | 902   |
| 2015 | 1,677          | 992               | 975                 | 1,253                    | 1,667                     | 573           | 790                  | 935   |
| 2016 | 1,937          | 1,165             | 955                 | 1,423                    | 1,559                     | 602           | 627                  | 952   |
| 2017 | 2,087          | 1,333             | 1,071               | 1,071                    | 1,734                     | 590           | 737                  | 1,047 |
| 2018 | 2,229          | 1,384             | 1,138               | 1,633                    | 1,733                     | 644           | 798                  | 1,104 |

**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 consideran los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Incluye a los empleadores.

2/ Cifras referenciales para los años 2004 y 2009.

3/ Cifras referenciales para los años 2004 al 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).

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

**(Soles)**

| <b>Años</b> | <b>Profesional, técnico, gerente, administrador y funcionario 1/</b> | <b>Empleado de oficina 2/</b> | <b>Vendedor</b> | <b>Agricultor, ganadero, pescador, minero y cantero</b> | <b>Artesano y operario 2/</b> | <b>Obrero, jornalero</b> | <b>Conductor 4/</b> | <b>Trabajador de los servicios 5/</b> | <b>Trabajador del hogar</b> | <b>Total</b> |
|-------------|----------------------------------------------------------------------|-------------------------------|-----------------|---------------------------------------------------------|-------------------------------|--------------------------|---------------------|---------------------------------------|-----------------------------|--------------|
| 2004        | 1,040                                                                | 1,223                         | 482             | 290                                                     | 374                           | 389                      | 710                 | 387                                   | 293                         | 465          |
| 2005        | 1,183                                                                | 764                           | 415             | 311                                                     | 501                           | 473                      | 558                 | 351                                   | 320                         | 449          |
| 2006        | 1,145                                                                | 1,028                         | 468             | 339                                                     | 457                           | 524                      | 662                 | 511                                   | 332                         | 525          |
| 2007        | 1,197                                                                | 1,266                         | 440             | 359                                                     | 528                           | 512                      | 640                 | 452                                   | 361                         | 550          |
| 2008        | 1,343                                                                | 1,311                         | 438             | 417                                                     | 553                           | 590                      | 740                 | 527                                   | 388                         | 621          |
| 2009        | 1,679                                                                | 1,555                         | 525             | 522                                                     | 647                           | 807                      | 795                 | 691                                   | 420                         | 761          |
| 2010        | 1,815                                                                | 1,299                         | 577             | 472                                                     | 585                           | 821                      | 840                 | 762                                   | 486                         | 742          |
| 2011        | 1,882                                                                | 1,386                         | 750             | 532                                                     | 699                           | 927                      | 1,088               | 708                                   | 466                         | 856          |
| 2012        | 1,860                                                                | 1,497                         | 646             | 566                                                     | 734                           | 853                      | 1,137               | 840                                   | 577                         | 886          |
| 2013        | 1,592                                                                | 1,686                         | 680             | 588                                                     | 788                           | 1,044                    | 1,114               | 849                                   | 556                         | 891          |
| 2014        | 1,864                                                                | 1,637                         | 564             | 614                                                     | 841                           | 1,165                    | 1,066               | 855                                   | 660                         | 902          |
| 2015        | 1,770                                                                | 1,413                         | 738             | 688                                                     | 847                           | 1,024                    | 984                 | 947                                   | 790                         | 935          |
| 2016        | 1,836                                                                | 1,713                         | 739             | 701                                                     | 840                           | 1,145                    | 1,056               | 896                                   | 627                         | 952          |
| 2017        | 2,238                                                                | 1,916                         | 708             | 667                                                     | 879                           | 1,115                    | 1,170               | 1,096                                 | 737                         | 1,047        |
| 2018        | 2,196                                                                | 1,698                         | 757             | 861                                                     | 904                           | 1,437                    | 1,208               | 1,070                                 | 798                         | 1,104        |

**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 consideran 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/ Cifra referencial para el año 2009.

2/ Cifras referenciales para los años 2004, 2005, 2007 y 2009.

3/ Cifras referenciales para los años 2004 y 2005.

4/ Cifra referencial para el año 2011.

5/ Cifra referencial para el año 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).

**PIURA: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR CATEGORÍA  
OCUPACIONAL, 2004 - 2018  
(Soles)**

| <b>Años</b> | <b>Asalariado<br/>privado 1/</b> | <b>Independiente</b> | <b>Empleador 2/</b> | <b>Asalariado<br/>público</b> | <b>Trabajador del<br/>hogar</b> | <b>Total</b> |
|-------------|----------------------------------|----------------------|---------------------|-------------------------------|---------------------------------|--------------|
| 2004        | 567                              | 326                  | 530                 | 1,087                         | 293                             | 465          |
| 2005        | 521                              | 273                  | 891                 | 1,049                         | 320                             | 449          |
| 2006        | 632                              | 319                  | 961                 | 1,126                         | 332                             | 525          |
| 2007        | 617                              | 330                  | 862                 | 1,331                         | 361                             | 550          |
| 2008        | 754                              | 383                  | 902                 | 1,294                         | 388                             | 621          |
| 2009        | 851                              | 462                  | 1,707               | 1,309                         | 420                             | 761          |
| 2010        | 869                              | 418                  | 1,521               | 1,501                         | 486                             | 742          |
| 2011        | 943                              | 611                  | 1,293               | 1,623                         | 466                             | 856          |
| 2012        | 992                              | 549                  | 1,575               | 1,796                         | 577                             | 886          |
| 2013        | 1,078                            | 537                  | 1,637               | 1,594                         | 556                             | 891          |
| 2014        | 1,135                            | 542                  | 1,598               | 1,675                         | 660                             | 902          |
| 2015        | 1,101                            | 573                  | 2,049               | 1,677                         | 790                             | 935          |
| 2016        | 1,090                            | 602                  | 1,988               | 1,937                         | 627                             | 952          |
| 2017        | 1,260                            | 590                  | 2,244               | 2,087                         | 737                             | 1,047        |
| 2018        | 1,273                            | 644                  | 2,657               | 2,229                         | 798                             | 1,104        |

**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 consideran los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Comprende a los empleados y obreros del sector privado.

2/ Cifras referenciales para los años 2007, 2009, 2010, 2013 y 2014.

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

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

**PIURA: 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 | Servicios no<br>personales | Servicios<br>personales 4/ | Hogares | Total |
|------|---------------|-------------------------------|-----------------|----------|----------------------------|----------------------------|---------|-------|
| 2007 | 409           | 530                           | 648             | 448      | 927                        | 342                        | 361     | 550   |
| 2008 | 477           | 640                           | 767             | 467      | 962                        | 399                        | 384     | 621   |
| 2009 | 570           | 894                           | 938             | 570      | 1,121                      | 537                        | 420     | 761   |
| 2010 | 572           | 753                           | 1,100           | 608      | 1,099                      | 570                        | 486     | 742   |
| 2011 | 644           | 759                           | 1,389           | 765      | 1,181                      | 685                        | 466     | 856   |
| 2012 | 625           | 1,001                         | 1,081           | 720      | 1,332                      | 684                        | 577     | 886   |
| 2013 | 655           | 889                           | 1,464           | 755      | 1,258                      | 650                        | 556     | 891   |
| 2014 | 731           | 1,028                         | 1,328           | 636      | 1,199                      | 802                        | 660     | 902   |
| 2015 | 757           | 922                           | 1,295           | 791      | 1,280                      | 703                        | 790     | 935   |
| 2016 | 745           | 854                           | 1,355           | 803      | 1,379                      | 719                        | 627     | 952   |
| 2017 | 796           | 985                           | 1,423           | 760      | 1,609                      | 781                        | 737     | 1,047 |
| 2018 | 947           | 975                           | 1,491           | 828      | 1,617                      | 745                        | 798     | 1,104 |

**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 consideran 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.

2/ Cifra referencial para el año 2009.

3/ Cifra referencial para el año 2011.

4/ Cifras referenciales para los años 2009, 2010 y 2014.

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

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

**PIURA: 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 | 45 a 64 años | 65 a más años 2/ | Total |
|------|------------|--------------|--------------|--------------|------------------|-------|
| 2004 | 188        | 339          | 582          | 513          | 230              | 465   |
| 2005 | 78         | 339          | 515          | 547          | 172              | 449   |
| 2006 | 113        | 409          | 572          | 652          | 219              | 525   |
| 2007 | 124        | 407          | 658          | 635          | 311              | 550   |
| 2008 | 224        | 512          | 670          | 765          | 317              | 621   |
| 2009 | 375        | 584          | 898          | 874          | 379              | 761   |
| 2010 | 221        | 582          | 878          | 837          | 404              | 742   |
| 2011 | 319        | 667          | 991          | 971          | 491              | 856   |
| 2012 | 322        | 725          | 985          | 1,038        | 437              | 886   |
| 2013 | 375        | 820          | 953          | 987          | 453              | 891   |
| 2014 | 428        | 744          | 1,013        | 1,001        | 501              | 902   |
| 2015 | 152        | 829          | 1,018        | 1,034        | 457              | 935   |
| 2016 | 151        | 870          | 1,023        | 1,053        | 421              | 952   |
| 2017 | 364        | 1,072        | 1,097        | 1,096        | 456              | 1,047 |
| 2018 | 144        | 1,021        | 1,199        | 1,192        | 512              | 1,104 |

**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 consideran los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Cifras referenciales para todos los años.

2/ Cifras referenciales 2005, 2009, 2010, 2011, 2012 y 2014.

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

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

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

| Años | Sin nivel 1/ | Primaria 2/ | Secundaria | Superior no<br>universitaria | Superior<br>Universitaria 3/ | Total |
|------|--------------|-------------|------------|------------------------------|------------------------------|-------|
| 2004 | 205          | 309         | 469        | 699                          | 1,406                        | 465   |
| 2005 | 202          | 341         | 453        | 686                          | 1,043                        | 449   |
| 2006 | 205          | 340         | 542        | 782                          | 1,156                        | 525   |
| 2007 | 264          | 358         | 498        | 790                          | 1,299                        | 550   |
| 2008 | 325          | 426         | 551        | 886                          | 1,342                        | 621   |
| 2009 | 367          | 500         | 705        | 962                          | 1,727                        | 761   |
| 2010 | 369          | 495         | 683        | 1,002                        | 1,763                        | 742   |
| 2011 | 425          | 564         | 789        | 1,184                        | 1,590                        | 856   |
| 2012 | 404          | 564         | 789        | 1,167                        | 1,823                        | 886   |
| 2013 | 355          | 624         | 863        | 1,132                        | 1,646                        | 891   |
| 2014 | 358          | 571         | 927        | 1,166                        | 1,647                        | 902   |
| 2015 | 315          | 655         | 957        | 1,252                        | 1,521                        | 935   |
| 2016 | 383          | 672         | 920        | 1,287                        | 1,684                        | 952   |
| 2017 | 350          | 659         | 966        | 1,297                        | 2,117                        | 1,047 |
| 2018 | 423          | 747         | 1,092      | 1,430                        | 1,915                        | 1,104 |

**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 consideran 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 para el 2004 y 2011.

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

3/ Cifra referencial para el 2005.

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

**PIURA: INGRESO LABORAL PROMEDIO MENSUAL DE LA PEA OCUPADA POR RANGO DE HORAS SEMANALES  
DE TRABAJO, 2004 - 2018**  
(Soles)

| Años | Hasta 14 horas<br>1/ | De 15 a 34 horas<br>2/ | De 35 a 47 horas<br>3/ | 48 horas<br>4/ | De 49 a 59 horas | 60 a más horas | Total |
|------|----------------------|------------------------|------------------------|----------------|------------------|----------------|-------|
| 2004 | 108                  | 284                    | 482                    | 512            | 475              | 685            | 465   |
| 2005 | 100                  | 292                    | 422                    | 501            | 557              | 725            | 449   |
| 2006 | 102                  | 306                    | 599                    | 482            | 712              | 773            | 525   |
| 2007 | 115                  | 368                    | 584                    | 465            | 665              | 785            | 550   |
| 2008 | 126                  | 328                    | 629                    | 617            | 725              | 923            | 621   |
| 2009 | 257                  | 449                    | 724                    | 738            | 803              | 1,085          | 761   |
| 2010 | 162                  | 347                    | 711                    | 839            | 1,076            | 1,004          | 742   |
| 2011 | 170                  | 530                    | 937                    | 890            | 974              | 1,254          | 856   |
| 2012 | 224                  | 616                    | 1,000                  | 955            | 1,015            | 1,137          | 886   |
| 2013 | 196                  | 639                    | 959                    | 1,041          | 1,034            | 1,116          | 891   |
| 2014 | 236                  | 607                    | 932                    | 1,135          | 1,075            | 1,152          | 902   |
| 2015 | 231                  | 584                    | 1,005                  | 1,108          | 1,060            | 1,183          | 935   |
| 2016 | 202                  | 569                    | 1,047                  | 1,076          | 1,177            | 1,260          | 952   |
| 2017 | 211                  | 693                    | 1,206                  | 1,234          | 1,267            | 1,305          | 1,047 |
| 2018 | 357                  | 667                    | 1,231                  | 1,346          | 1,273            | 1,424          | 1,104 |

**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 consideran los ingresos totales por trabajo de la ocupación principal y secundaria del trabajador.

1/ Cifras referenciales para la años 2009, 2011 y 2014.

2/ Cifra referencial para el año 2007.

3/ Cifra referencial para el año 2004.

4/ Cifras referenciales para los años 2004 y 2005.

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

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

**PIURA: INGRESO LABORAL PROMEDIO MENSUAL DE LOS  
ASALARIADOS POR CONDICIÓN DE INFORMALIDAD, 2004 - 2018**  
(Soles)

| Años | Total | Empleo informal | Empleo formal |
|------|-------|-----------------|---------------|
| 2004 | 656   | 423             | 1,426         |
| 2005 | 609   | 379             | 1,208         |
| 2006 | 711   | 450             | 1,384         |
| 2007 | 763   | 457             | 1,570         |
| 2008 | 850   | 535             | 1,645         |
| 2009 | 947   | 602             | 1,638         |
| 2010 | 965   | 622             | 1,804         |
| 2011 | 1,070 | 685             | 1,795         |
| 2012 | 1,133 | 765             | 1,811         |
| 2013 | 1,168 | 842             | 1,747         |
| 2014 | 1,203 | 837             | 1,955         |
| 2015 | 1,185 | 862             | 1,804         |
| 2016 | 1,216 | 868             | 1,860         |
| 2017 | 1,406 | 995             | 2,047         |
| 2018 | 1,422 | 1,014           | 2,052         |

**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 si 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 PIURA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1997 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Piura |               |                         |          |                           |              |
|-----------|------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 1997      | OCT. | 56.1  | 56.0          | 24.1                    | 80.0     | 96.7                      | 66.3         |
|           | NOV. | 57.1  | 63.8          | 24.6                    | 81.8     | 95.6                      | 66.6         |
|           | DIC. | 56.6  | 61.8          | 24.2                    | 81.5     | 95.6                      | 66.1         |
| 1998      | ENE. | 54.6  | 61.8          | 23.0                    | 82.7     | 95.3                      | 61.9         |
|           | FEB. | 52.8  | 35.6          | 22.7                    | 78.4     | 92.7                      | 63.0         |
|           | MAR. | 52.4  | 34.8          | 22.3                    | 77.7     | 90.7                      | 62.9         |
|           | ABR. | 53.0  | 35.6          | 22.9                    | 77.1     | 90.0                      | 64.0         |
|           | MAY. | 53.0  | 37.4          | 22.4                    | 78.6     | 91.6                      | 63.7         |
|           | JUN. | 53.0  | 36.2          | 22.5                    | 74.3     | 90.4                      | 65.7         |
|           | JUL. | 54.5  | 52.2          | 22.6                    | 74.4     | 90.8                      | 66.9         |
|           | AGO. | 55.0  | 49.8          | 22.5                    | 76.2     | 94.4                      | 67.4         |
|           | SET. | 55.0  | 49.2          | 22.5                    | 76.3     | 93.9                      | 67.5         |
|           | OCT. | 54.6  | 62.2          | 22.4                    | 75.7     | 89.7                      | 66.4         |
|           | NOV. | 53.5  | 60.6          | 22.4                    | 73.0     | 88.2                      | 65.1         |
|           | DIC. | 52.2  | 29.6          | 23.0                    | 72.8     | 86.3                      | 64.1         |
| 1999      | ENE. | 50.7  | 28.8          | 24.2                    | 74.1     | 84.7                      | 59.3         |
|           | FEB. | 50.6  | 28.8          | 24.2                    | 72.7     | 89.1                      | 59.1         |
|           | MAR. | 50.8  | 28.0          | 24.2                    | 73.4     | 88.4                      | 59.3         |
|           | ABR. | 50.3  | 28.6          | 23.4                    | 73.4     | 85.1                      | 59.4         |
|           | MAY. | 50.9  | 54.7          | 23.7                    | 72.0     | 82.7                      | 59.5         |
|           | JUN. | 51.0  | 66.0          | 23.3                    | 68.0     | 82.7                      | 60.7         |
|           | JUL. | 49.8  | 40.8          | 22.8                    | 66.3     | 83.3                      | 60.6         |
|           | AGO. | 49.2  | 43.4          | 21.3                    | 66.1     | 83.9                      | 60.2         |
|           | SET. | 50.0  | 50.0          | 22.1                    | 64.9     | 83.3                      | 61.5         |
|           | OCT. | 49.8  | 50.3          | 22.7                    | 63.8     | 82.2                      | 61.1         |
|           | NOV. | 49.6  | 57.9          | 22.4                    | 62.7     | 82.0                      | 60.4         |
|           | DIC. | 48.5  | 32.5          | 23.3                    | 61.7     | 81.1                      | 60.6         |
| 2000      | ENE. | 47.2  | 36.3          | 22.8                    | 62.9     | 81.1                      | 56.5         |
|           | FEB. | 46.7  | 35.6          | 22.9                    | 60.7     | 83.8                      | 56.0         |
|           | MAR. | 45.7  | 32.5          | 20.8                    | 59.7     | 81.6                      | 56.5         |
|           | ABR. | 46.5  | 32.4          | 21.3                    | 60.4     | 82.5                      | 57.5         |
|           | MAY. | 47.8  | 48.7          | 20.9                    | 59.7     | 81.9                      | 60.4         |
|           | JUN. | 47.5  | 36.3          | 21.3                    | 58.0     | 84.1                      | 60.7         |
|           | JUL. | 49.2  | 87.4          | 21.8                    | 57.7     | 83.2                      | 61.5         |
|           | AGO. | 49.2  | 156.7         | 21.3                    | 58.1     | 82.1                      | 60.6         |
|           | SET. | 49.2  | 182.8         | 21.1                    | 58.7     | 80.1                      | 60.4         |
|           | OCT. | 49.0  | 191.2         | 20.3                    | 57.1     | 81.3                      | 61.1         |
|           | NOV. | 47.9  | 124.0         | 20.4                    | 57.0     | 80.4                      | 60.3         |
|           | DIC. | 46.6  | 45.4          | 20.2                    | 55.1     | 77.2                      | 60.9         |
| 2001      | ENE. | 44.9  | 162.3         | 20.1                    | 54.2     | 75.0                      | 54.8         |
|           | FEB. | 45.0  | 174.8         | 20.4                    | 53.5     | 77.9                      | 54.7         |
|           | MAR. | 45.1  | 171.7         | 20.9                    | 52.7     | 77.3                      | 55.0         |
|           | ABR. | 46.5  | 166.0         | 20.7                    | 52.2     | 76.6                      | 59.1         |
|           | MAY. | 46.2  | 132.7         | 21.1                    | 51.2     | 78.0                      | 59.1         |
|           | JUN. | 46.4  | 149.2         | 21.4                    | 50.9     | 77.1                      | 59.3         |
|           | JUL. | 46.2  | 143.7         | 23.3                    | 48.7     | 75.7                      | 58.8         |
|           | AGO. | 48.1  | 246.4         | 23.3                    | 50.0     | 75.4                      | 58.9         |
|           | SET. | 47.9  | 237.2         | 23.2                    | 49.9     | 73.3                      | 59.2         |
|           | OCT. | 47.3  | 196.0         | 22.5                    | 49.5     | 72.9                      | 59.9         |
|           | NOV. | 44.7  | 64.9          | 20.9                    | 49.2     | 72.2                      | 60.2         |
|           | DIC. | 46.3  | 118.9         | 20.8                    | 50.5     | 72.5                      | 60.0         |
| 2002      | ENE. | 43.3  | 109.9         | 20.6                    | 49.7     | 72.4                      | 54.3         |
|           | FEB. | 44.5  | 140.8         | 19.9                    | 50.1     | 73.2                      | 55.3         |
|           | MAR. | 45.0  | 144.8         | 20.9                    | 50.5     | 71.1                      | 55.6         |
|           | ABR. | 45.8  | 110.3         | 21.0                    | 50.8     | 70.3                      | 59.0         |
|           | MAY. | 45.6  | 72.9          | 20.9                    | 51.6     | 69.8                      | 60.6         |
|           | JUN. | 45.7  | 71.5          | 20.0                    | 51.5     | 71.9                      | 61.3         |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2003 JUL. | 46.8  | 86.8          | 22.2                    | 51.8     | 70.2                      | 61.4         |
| AGO.      | 47.0  | 95.5          | 23.0                    | 51.9     | 70.0                      | 60.9         |
| SET.      | 47.3  | 96.5          | 24.7                    | 53.8     | 70.0                      | 59.9         |
| OCT.      | 47.1  | 84.8          | 22.2                    | 54.9     | 68.6                      | 61.6         |
| NOV.      | 46.9  | 80.1          | 21.9                    | 54.8     | 68.6                      | 61.5         |
| DIC.      | 46.9  | 102.8         | 20.8                    | 54.8     | 67.0                      | 61.1         |
| 2003 ENE. | 43.7  | 101.1         | 20.6                    | 54.3     | 65.1                      | 54.6         |
| FEB.      | 42.4  | 79.8          | 20.2                    | 55.7     | 66.1                      | 52.6         |
| MAR.      | 43.0  | 71.1          | 20.2                    | 55.4     | 68.2                      | 54.5         |
| ABR.      | 44.9  | 71.1          | 21.7                    | 57.2     | 65.3                      | 57.7         |
| MAY.      | 46.6  | 62.9          | 21.7                    | 57.0     | 66.3                      | 62.0         |
| JUN.      | 46.7  | 58.8          | 20.5                    | 57.2     | 69.3                      | 62.8         |
| JUL.      | 47.1  | 65.4          | 21.0                    | 56.9     | 74.5                      | 62.5         |
| AGO.      | 46.5  | 70.6          | 22.8                    | 56.8     | 74.7                      | 59.5         |
| SET.      | 47.8  | 73.5          | 22.8                    | 56.6     | 74.7                      | 62.3         |
| OCT.      | 48.4  | 78.5          | 22.0                    | 56.1     | 76.2                      | 63.9         |
| NOV.      | 48.2  | 75.4          | 21.0                    | 56.8     | 76.4                      | 64.2         |
| DIC.      | 47.8  | 75.4          | 20.8                    | 56.5     | 73.7                      | 63.8         |
| 2004 ENE. | 45.1  | 74.6          | 20.8                    | 56.8     | 75.5                      | 57.1         |
| FEB.      | 44.6  | 63.6          | 20.5                    | 57.0     | 78.2                      | 56.4         |
| MAR.      | 45.9  | 75.6          | 21.6                    | 54.9     | 80.8                      | 58.5         |
| ABR.      | 47.4  | 82.7          | 21.9                    | 56.5     | 82.2                      | 60.5         |
| MAY.      | 49.5  | 77.1          | 22.2                    | 58.2     | 83.3                      | 65.1         |
| JUN.      | 50.8  | 78.0          | 23.5                    | 58.2     | 84.0                      | 67.3         |
| JUL.      | 51.1  | 81.1          | 25.1                    | 56.5     | 82.1                      | 67.4         |
| AGO.      | 53.7  | 86.1          | 32.2                    | 58.2     | 82.7                      | 67.3         |
| SET.      | 53.5  | 90.9          | 31.6                    | 59.4     | 84.3                      | 66.1         |
| OCT.      | 54.0  | 92.8          | 31.6                    | 59.5     | 84.0                      | 67.1         |
| NOV.      | 53.4  | 85.9          | 28.8                    | 59.7     | 83.5                      | 68.5         |
| DIC.      | 53.5  | 87.4          | 29.9                    | 59.7     | 81.7                      | 68.0         |
| 2005 ENE. | 51.7  | 86.5          | 34.3                    | 61.1     | 78.7                      | 59.9         |
| FEB.      | 50.9  | 72.6          | 34.1                    | 61.2     | 79.7                      | 58.8         |
| MAR.      | 50.7  | 71.2          | 31.9                    | 60.8     | 76.3                      | 61.1         |
| ABR.      | 52.5  | 70.8          | 33.4                    | 61.3     | 73.9                      | 64.5         |
| MAY.      | 53.9  | 72.0          | 32.2                    | 61.0     | 73.9                      | 69.5         |
| JUN.      | 54.8  | 84.6          | 31.0                    | 61.4     | 77.4                      | 71.7         |
| JUL.      | 55.6  | 88.7          | 32.5                    | 61.6     | 76.1                      | 72.0         |
| AGO.      | 55.6  | 101.0         | 34.6                    | 61.5     | 78.2                      | 68.8         |
| SET.      | 56.2  | 99.1          | 35.8                    | 61.8     | 79.3                      | 69.1         |
| OCT.      | 56.3  | 99.7          | 32.9                    | 63.3     | 79.0                      | 71.6         |
| NOV.      | 56.7  | 91.3          | 33.4                    | 63.7     | 79.2                      | 72.5         |
| DIC.      | 59.0  | 95.9          | 38.3                    | 63.9     | 79.2                      | 73.3         |
| 2006 ENE. | 54.0  | 85.7          | 35.4                    | 64.3     | 79.9                      | 63.3         |
| FEB.      | 53.4  | 90.9          | 33.2                    | 65.3     | 79.9                      | 63.2         |
| MAR.      | 53.9  | 90.6          | 33.2                    | 65.6     | 79.6                      | 64.3         |
| ABR.      | 57.5  | 94.6          | 36.3                    | 65.9     | 81.1                      | 70.4         |
| MAY.      | 58.6  | 92.8          | 35.0                    | 66.7     | 81.2                      | 74.1         |
| JUN.      | 59.4  | 90.2          | 35.4                    | 68.0     | 72.1                      | 76.6         |
| JUL.      | 59.0  | 90.6          | 34.0                    | 67.0     | 74.5                      | 77.1         |
| AGO.      | 59.7  | 97.8          | 36.8                    | 67.3     | 76.9                      | 75.3         |
| SET.      | 61.7  | 97.6          | 38.0                    | 67.4     | 79.6                      | 79.0         |
| OCT.      | 62.3  | 106.0         | 38.5                    | 67.3     | 78.1                      | 79.8         |
| NOV.      | 63.7  | 105.8         | 40.3                    | 68.3     | 76.4                      | 81.4         |
| DIC.      | 64.9  | 107.3         | 42.2                    | 70.0     | 76.7                      | 81.7         |
| 2007 ENE. | 59.0  | 78.5          | 36.0                    | 71.6     | 76.4                      | 73.5         |
| FEB.      | 58.5  | 100.8         | 38.4                    | 72.8     | 77.1                      | 67.7         |
| MAR.      | 60.3  | 100.6         | 38.6                    | 75.3     | 77.2                      | 71.1         |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2008 ABR. | 62.7  | 102.6         | 38.5                    | 76.6     | 77.4                      | 77.0         |
| MAY.      | 66.0  | 102.1         | 42.7                    | 75.5     | 77.4                      | 82.2         |
| JUN.      | 66.2  | 83.6          | 43.8                    | 74.5     | 79.5                      | 83.3         |
| JUL.      | 66.5  | 112.7         | 42.7                    | 74.8     | 75.5                      | 83.4         |
| AGO.      | 67.0  | 114.8         | 46.2                    | 76.0     | 77.3                      | 80.2         |
| SET.      | 66.4  | 116.0         | 45.9                    | 76.9     | 79.4                      | 78.3         |
| OCT.      | 71.0  | 119.8         | 51.2                    | 77.3     | 79.4                      | 84.9         |
| NOV.      | 71.4  | 117.5         | 49.3                    | 78.6     | 79.9                      | 87.3         |
| DIC.      | 71.9  | 112.9         | 50.0                    | 79.1     | 84.0                      | 87.7         |
| 2008 ENE. | 64.7  | 91.8          | 44.7                    | 80.0     | 83.6                      | 74.7         |
| FEB.      | 63.3  | 112.7         | 41.5                    | 80.9     | 84.5                      | 72.2         |
| MAR.      | 66.4  | 113.9         | 42.8                    | 82.4     | 86.7                      | 78.0         |
| ABR.      | 68.6  | 119.0         | 43.0                    | 83.3     | 85.7                      | 83.1         |
| MAY.      | 70.9  | 122.6         | 44.7                    | 83.0     | 87.7                      | 87.5         |
| JUN.      | 71.4  | 128.3         | 44.8                    | 83.9     | 91.0                      | 87.5         |
| JUL.      | 73.2  | 134.1         | 48.4                    | 83.8     | 92.2                      | 88.2         |
| AGO.      | 77.8  | 141.1         | 61.9                    | 85.6     | 92.6                      | 86.2         |
| SET.      | 78.0  | 136.6         | 61.9                    | 87.5     | 86.8                      | 86.8         |
| OCT.      | 80.6  | 139.1         | 62.1                    | 88.3     | 88.2                      | 92.9         |
| NOV.      | 80.1  | 131.4         | 61.4                    | 89.5     | 90.2                      | 92.0         |
| DIC.      | 80.1  | 136.4         | 60.7                    | 90.5     | 91.7                      | 91.5         |
| 2009 ENE. | 74.9  | 123.4         | 54.6                    | 90.6     | 91.5                      | 84.4         |
| FEB.      | 68.2  | 122.2         | 44.8                    | 91.0     | 90.5                      | 75.8         |
| MAR.      | 69.9  | 117.8         | 44.0                    | 92.7     | 94.0                      | 80.2         |
| ABR.      | 72.1  | 111.6         | 45.2                    | 92.4     | 92.5                      | 85.7         |
| MAY.      | 74.0  | 113.5         | 46.1                    | 91.6     | 90.3                      | 90.7         |
| JUN.      | 74.1  | 104.2         | 46.5                    | 90.4     | 91.4                      | 91.8         |
| JUL.      | 79.0  | 123.0         | 57.8                    | 90.3     | 90.9                      | 92.6         |
| AGO.      | 81.5  | 114.8         | 64.9                    | 90.7     | 90.7                      | 92.8         |
| SET.      | 82.1  | 111.6         | 65.6                    | 91.9     | 90.4                      | 93.7         |
| OCT.      | 84.0  | 108.3         | 67.5                    | 92.2     | 91.3                      | 96.9         |
| NOV.      | 89.1  | 110.5         | 81.2                    | 92.0     | 92.4                      | 97.3         |
| DIC.      | 86.9  | 110.5         | 74.5                    | 93.1     | 93.1                      | 97.2         |
| 2010 ENE. | 79.8  | 92.7          | 69.8                    | 94.0     | 92.6                      | 83.8         |
| FEB.      | 71.7  | 97.9          | 43.9                    | 94.9     | 97.4                      | 83.8         |
| MAR.      | 72.7  | 80.4          | 45.3                    | 96.3     | 97.4                      | 86.3         |
| ABR.      | 73.4  | 81.6          | 42.5                    | 95.8     | 98.8                      | 90.8         |
| MAY.      | 78.5  | 73.4          | 49.5                    | 96.6     | 98.9                      | 98.5         |
| JUN.      | 80.3  | 74.9          | 52.3                    | 97.0     | 100.5                     | 99.8         |
| JUL.      | 82.7  | 86.0          | 56.7                    | 98.3     | 100.8                     | 99.9         |
| AGO.      | 89.5  | 87.8          | 78.4                    | 99.2     | 101.3                     | 95.0         |
| SET.      | 94.3  | 103.9         | 89.2                    | 99.0     | 100.8                     | 95.4         |
| OCT.      | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 98.2  | 141.1         | 91.2                    | 100.1    | 99.3                      | 99.7         |
| DIC.      | 107.4 | 105.2         | 107.1                   | 120.8    | 103.4                     | 100.9        |
| 2011 ENE. | 94.6  | 107.6         | 82.6                    | 122.4    | 105.0                     | 89.6         |
| FEB.      | 88.4  | 105.4         | 69.2                    | 122.2    | 106.7                     | 86.3         |
| MAR.      | 84.7  | 88.5          | 56.2                    | 122.6    | 105.8                     | 91.5         |
| ABR.      | 88.2  | 89.3          | 57.4                    | 120.8    | 107.3                     | 100.6        |
| MAY.      | 89.2  | 69.0          | 59.1                    | 121.2    | 109.7                     | 103.4        |
| JUN.      | 90.2  | 66.9          | 61.1                    | 121.8    | 114.7                     | 103.6        |
| JUL.      | 93.2  | 72.0          | 67.4                    | 123.0    | 117.7                     | 103.7        |
| AGO.      | 103.3 | 90.9          | 97.8                    | 123.1    | 118.8                     | 97.8         |
| SET.      | 117.9 | 113.4         | 131.8                   | 124.0    | 117.8                     | 100.4        |
| OCT.      | 114.7 | 123.8         | 120.1                   | 124.0    | 118.8                     | 102.2        |
| NOV.      | 115.6 | 123.0         | 120.6                   | 125.4    | 118.8                     | 103.6        |
| DIC.      | 115.7 | 113.2         | 120.9                   | 126.9    | 119.2                     | 103.7        |

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

| AÑO Y MES |      | Piura |               |                         |          |                           |              |
|-----------|------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2012      | ENE. | 91.7  | 84.9          | 72.7                    | 128.5    | 117.9                     | 89.3         |
|           | FEB. | 91.1  | 78.7          | 71.8                    | 129.5    | 122.3                     | 88.1         |
|           | MAR. | 88.5  | 81.9          | 59.3                    | 130.7    | 121.7                     | 93.0         |
|           | ABR. | 87.5  | 65.0          | 52.2                    | 131.7    | 122.8                     | 99.1         |
|           | MAY. | 88.3  | 57.9          | 49.8                    | 133.3    | 125.6                     | 103.8        |
|           | JUN. | 91.8  | 61.1          | 57.5                    | 132.8    | 125.6                     | 105.1        |
|           | JUL. | 96.8  | 78.3          | 66.9                    | 132.4    | 130.3                     | 106.7        |
|           | AGO. | 106.1 | 112.2         | 87.8                    | 134.3    | 131.7                     | 105.8        |
|           | SET. | 110.5 | 116.0         | 97.4                    | 136.3    | 130.0                     | 106.8        |
|           | OCT. | 118.4 | 97.7          | 119.2                   | 135.1    | 128.8                     | 108.8        |
|           | NOV. | 125.7 | 95.2          | 137.7                   | 136.2    | 129.7                     | 109.5        |
|           | DIC. | 121.4 | 101.3         | 125.0                   | 136.5    | 129.8                     | 109.7        |
| 2013      | ENE. | 96.5  | 63.5          | 73.5                    | 135.0    | 127.1                     | 99.5         |
|           | FEB. | 97.0  | 83.0          | 75.6                    | 134.7    | 125.8                     | 96.6         |
|           | MAR. | 92.0  | 63.0          | 61.1                    | 135.1    | 126.3                     | 100.2        |
|           | ABR. | 95.4  | 59.3          | 59.8                    | 136.7    | 125.8                     | 110.9        |
|           | MAY. | 93.6  | 56.1          | 49.8                    | 138.5    | 126.4                     | 116.0        |
|           | JUN. | 93.2  | 59.4          | 46.2                    | 134.8    | 126.0                     | 120.4        |
|           | JUL. | 98.6  | 73.4          | 56.7                    | 134.8    | 122.7                     | 123.2        |
|           | AGO. | 107.5 | 82.5          | 81.0                    | 134.5    | 120.4                     | 122.0        |
|           | SET. | 114.2 | 89.4          | 102.0                   | 135.0    | 119.2                     | 117.5        |
|           | OCT. | 115.3 | 80.2          | 101.6                   | 134.6    | 118.8                     | 122.4        |
|           | NOV. | 115.5 | 88.2          | 101.0                   | 133.9    | 118.4                     | 123.2        |
|           | DIC. | 114.6 | 94.6          | 96.4                    | 136.0    | 117.5                     | 123.6        |
| 2014      | ENE. | 101.4 | 95.2          | 72.5                    | 136.8    | 115.6                     | 111.3        |
|           | FEB. | 96.0  | 62.8          | 59.4                    | 133.4    | 117.3                     | 115.6        |
|           | MAR. | 96.7  | 62.5          | 58.5                    | 133.3    | 117.9                     | 118.4        |
|           | ABR. | 97.1  | 48.6          | 53.7                    | 131.9    | 117.9                     | 127.4        |
|           | MAY. | 98.2  | 51.7          | 50.4                    | 132.4    | 118.9                     | 133.4        |
|           | JUN. | 99.0  | 58.0          | 49.6                    | 130.6    | 120.3                     | 136.4        |
|           | JUL. | 95.1  | 81.2          | 35.3                    | 130.8    | 120.7                     | 136.9        |
|           | AGO. | 100.1 | 79.0          | 43.0                    | 130.6    | 122.7                     | 136.8        |
|           | SET. | 105.5 | 78.1          | 51.4                    | 128.1    | 125.5                     | 137.2        |
|           | OCT. | 105.7 | 75.8          | 50.5                    | 126.5    | 126.5                     | 141.0        |
|           | NOV. | 114.1 | 83.8          | 61.7                    | 126.8    | 131.0                     | 142.1        |
|           | DIC. | 112.2 | 79.5          | 58.3                    | 129.3    | 130.8                     | 142.3        |
| 2015      | ENE. | 94.8  | 53.5          | 40.2                    | 129.3    | 130.2                     | 128.5        |
|           | FEB. | 90.2  | 60.3          | 34.8                    | 128.3    | 129.3                     | 124.8        |
|           | MAR. | 88.7  | 61.6          | 30.2                    | 128.5    | 128.9                     | 129.7        |
|           | ABR. | 92.5  | 51.0          | 31.1                    | 129.3    | 129.3                     | 141.6        |
|           | MAY. | 94.4  | 55.0          | 31.7                    | 130.1    | 129.6                     | 145.7        |
|           | JUN. | 94.2  | 56.8          | 30.2                    | 130.6    | 133.1                     | 147.1        |
|           | JUL. | 99.7  | 72.9          | 38.2                    | 128.7    | 133.2                     | 146.3        |
|           | AGO. | 106.3 | 77.3          | 48.5                    | 129.5    | 133.7                     | 144.1        |
|           | SET. | 118.8 | 76.1          | 66.8                    | 130.8    | 136.7                     | 143.9        |
|           | OCT. | 124.3 | 73.9          | 72.7                    | 129.7    | 138.4                     | 149.4        |
|           | NOV. | 125.0 | 83.9          | 72.7                    | 129.8    | 139.6                     | 150.2        |
|           | DIC. | 125.9 | 77.2          | 73.4                    | 133.3    | 139.7                     | 150.7        |
| 2016      | ENE. | 99.1  | 63.5          | 43.1                    | 130.2    | 133.5                     | 133.6        |
|           | FEB. | 95.2  | 48.5          | 41.4                    | 128.3    | 135.3                     | 127.1        |
|           | MAR. | 90.1  | 56.5          | 31.3                    | 129.8    | 133.8                     | 131.3        |
|           | ABR. | 90.3  | 55.7          | 25.6                    | 128.7    | 136.1                     | 144.7        |
|           | MAY. | 90.1  | 48.7          | 25.3                    | 130.2    | 136.1                     | 144.8        |
|           | JUN. | 92.7  | 51.0          | 29.5                    | 128.7    | 135.5                     | 144.8        |
|           | JUL. | 98.1  | 66.2          | 38.3                    | 126.6    | 135.1                     | 140.9        |
|           | AGO. | 103.4 | 67.5          | 48.3                    | 128.3    | 134.9                     | 133.4        |
|           | SET. | 118.5 | 62.0          | 67.0                    | 130.6    | 135.7                     | 139.4        |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017 OCT. | 123.8 | 47.0          | 75.2                    | 132.0    | 135.9                     | 139.4        |
| NOV.      | 127.2 | 60.5          | 78.4                    | 132.1    | 135.6                     | 141.0        |
| DIC.      | 132.3 | 50.4          | 86.5                    | 136.0    | 135.2                     | 138.2        |
| ENE.      | 112.1 | 40.9          | 65.0                    | 135.8    | 133.9                     | 121.7        |
| FEB.      | 95.1  | 40.9          | 40.7                    | 134.2    | 134.6                     | 123.0        |
| MAR.      | 93.8  | 46.9          | 37.2                    | 133.4    | 137.1                     | 126.2        |
| ABR.      | 93.8  | 44.3          | 34.5                    | 132.9    | 134.8                     | 134.2        |
| MAY.      | 93.7  | 41.9          | 32.5                    | 131.1    | 134.6                     | 140.5        |
| JUN.      | 96.7  | 41.6          | 34.7                    | 131.0    | 135.0                     | 145.9        |
| JUL.      | 101.9 | 38.3          | 41.7                    | 131.2    | 136.7                     | 147.3        |
| AGO.      | 104.7 | 39.9          | 48.2                    | 131.2    | 136.5                     | 140.8        |
| SET.      | 105.3 | 48.6          | 47.4                    | 132.4    | 139.4                     | 142.1        |
| OCT.      | 121.4 | 38.8          | 69.6                    | 131.8    | 139.3                     | 147.0        |
| NOV.      | 123.7 | 41.9          | 72.3                    | 132.2    | 140.7                     | 147.1        |
| DIC.      | 124.8 | 43.5          | 72.6                    | 134.7    | 139.9                     | 148.5        |
| 2018 ENE. | 119.8 | 47.5          | 76.4                    | 132.3    | 138.6                     | 122.5        |
| FEB.      | 94.4  | 45.1          | 40.9                    | 131.0    | 137.8                     | 121.8        |
| MAR.      | 92.2  | 44.6          | 33.5                    | 134.0    | 135.6                     | 130.7        |
| ABR.      | 91.7  | 43.6          | 30.4                    | 133.5    | 136.8                     | 136.9        |
| MAY.      | 93.6  | 42.8          | 30.8                    | 131.7    | 137.6                     | 143.9        |
| JUN.      | 98.1  | 51.2          | 35.8                    | 130.2    | 138.7                     | 146.7        |
| JUL.      | 106.4 | 45.9          | 48.6                    | 129.7    | 138.9                     | 146.3        |
| AGO.      | 109.6 | 56.9          | 56.6                    | 130.2    | 139.4                     | 136.1        |
| SET.      | 124.0 | 56.5          | 76.3                    | 130.7    | 138.4                     | 139.2        |
| OCT.      | 133.5 | 48.1          | 87.9                    | 131.5    | 139.7                     | 145.7        |
| NOV.      | 130.6 | 62.1          | 81.5                    | 132.8    | 137.4                     | 147.5        |
| DIC.      | 137.7 | 61.9          | 91.1                    | 136.2    | 136.1                     | 147.6        |
| 2019 ENE. | 127.2 | 41.1          | 86.4                    | 132.9    | 132.8                     | 128.5        |
| FEB.      | 93.4  | 55.1          | 36.0                    | 131.2    | 130.4                     | 131.1        |
| MAR.      | 93.0  | 55.5          | 33.7                    | 131.6    | 130.5                     | 134.9        |
| ABR.      | 95.3  | 38.3          | 35.5                    | 130.7    | 133.0                     | 141.6        |
| MAY.      | 97.5  | 38.2          | 34.0                    | 128.9    | 131.6                     | 154.0        |
| JUN.      | 100.6 | 38.3          | 38.1                    | 128.8    | 134.9                     | 154.7        |
| JUL.      | 106.7 | 43.9          | 45.4                    | 129.1    | 134.6                     | 157.6        |
| AGO.      | 112.1 | 45.2          | 57.4                    | 128.8    | 135.7                     | 148.0        |
| SET.      | 122.3 | 61.3          | 71.3                    | 129.8    | 134.8                     | 147.2        |
| OCT.      | 136.5 | 110.8         | 84.3                    | 128.9    | 136.7                     | 157.1        |
| NOV. P/   | 144.3 | 145.7         | 93.2                    | 128.5    | 135.1                     | 157.7        |

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

| AÑO Y MES |      | Piura |               |                            |          |                              |              |
|-----------|------|-------|---------------|----------------------------|----------|------------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 2/ |
| 1997      | OCT. | 77.7  | 98.0          | 133.5                      | 84.0     | 82.4                         | 71.9         |
|           | NOV. | 78.4  | 100.4         | 128.0                      | 85.6     | 80.4                         | 72.9         |
|           | DIC. | 76.9  | 101.2         | 114.6                      | 85.4     | 79.5                         | 71.3         |
| 1998      | ENE. | 72.1  | 103.2         | 113.8                      | 84.4     | 78.8                         | 61.4         |
|           | FEB. | 70.2  | 104.2         | 114.2                      | 81.0     | 76.7                         | 59.9         |
|           | MAR. | 69.8  | 104.2         | 108.3                      | 79.9     | 72.7                         | 61.1         |
|           | ABR. | 70.2  | 110.9         | 108.3                      | 79.2     | 69.7                         | 63.0         |
|           | MAY. | 71.1  | 110.9         | 105.0                      | 80.8     | 72.1                         | 63.7         |
|           | JUN. | 70.4  | 102.6         | 107.4                      | 75.7     | 73.0                         | 66.4         |
|           | JUL. | 73.2  | 206.9         | 105.3                      | 75.7     | 73.0                         | 67.8         |
|           | AGO. | 74.7  | 194.7         | 105.0                      | 78.0     | 78.6                         | 68.8         |
|           | SET. | 74.7  | 196.7         | 103.4                      | 77.2     | 77.9                         | 69.6         |
|           | OCT. | 73.9  | 192.7         | 103.4                      | 76.8     | 79.6                         | 68.1         |
|           | NOV. | 72.1  | 187.7         | 101.8                      | 74.8     | 81.7                         | 65.6         |
|           | DIC. | 70.3  | 191.0         | 101.4                      | 74.3     | 80.8                         | 62.4         |
| 1999      | ENE. | 68.0  | 186.0         | 100.6                      | 76.6     | 79.2                         | 55.8         |
|           | FEB. | 67.8  | 186.0         | 98.7                       | 74.9     | 79.0                         | 56.9         |
|           | MAR. | 67.1  | 181.1         | 98.0                       | 73.9     | 78.1                         | 56.7         |
|           | ABR. | 67.7  | 184.4         | 96.6                       | 73.6     | 75.6                         | 58.7         |
|           | MAY. | 67.8  | 182.7         | 95.7                       | 73.1     | 74.7                         | 59.6         |
|           | JUN. | 66.5  | 258.8         | 93.7                       | 68.0     | 73.4                         | 58.9         |
|           | JUL. | 66.3  | 257.3         | 94.7                       | 66.7     | 74.1                         | 59.1         |
|           | AGO. | 65.8  | 274.1         | 96.1                       | 66.7     | 74.3                         | 57.6         |
|           | SET. | 65.5  | 258.8         | 95.4                       | 64.6     | 74.9                         | 58.7         |
|           | OCT. | 65.1  | 260.4         | 95.4                       | 63.4     | 71.9                         | 59.3         |
|           | NOV. | 64.3  | 260.4         | 93.3                       | 61.9     | 72.9                         | 59.1         |
|           | DIC. | 62.5  | 143.1         | 91.9                       | 60.5     | 72.5                         | 59.0         |
| 2000      | ENE. | 60.3  | 138.6         | 89.4                       | 62.1     | 73.3                         | 52.9         |
|           | FEB. | 59.1  | 138.6         | 89.2                       | 59.2     | 73.9                         | 52.8         |
|           | MAR. | 58.4  | 138.6         | 87.9                       | 58.1     | 70.5                         | 52.9         |
|           | ABR. | 59.4  | 138.6         | 87.9                       | 58.8     | 72.1                         | 54.3         |
|           | MAY. | 61.7  | 285.9         | 83.4                       | 58.3     | 70.9                         | 58.2         |
|           | JUN. | 61.4  | 319.2         | 86.2                       | 56.2     | 71.9                         | 58.0         |
|           | JUL. | 64.7  | 718.7         | 84.9                       | 56.0     | 71.5                         | 59.8         |
|           | AGO. | 64.8  | 785.5         | 84.1                       | 56.4     | 70.7                         | 59.8         |
|           | SET. | 64.7  | 768.8         | 83.4                       | 57.0     | 67.1                         | 59.7         |
|           | OCT. | 64.0  | 709.7         | 84.1                       | 55.4     | 69.0                         | 59.3         |
|           | NOV. | 61.2  | 244.6         | 83.4                       | 55.4     | 67.8                         | 58.1         |
|           | DIC. | 60.2  | 232.5         | 82.1                       | 53.2     | 65.4                         | 58.6         |
| 2001      | ENE. | 54.0  | 232.5         | 81.0                       | 53.1     | 61.2                         | 48.3         |
|           | FEB. | 53.8  | 232.5         | 81.8                       | 51.8     | 64.9                         | 48.6         |
|           | MAR. | 54.1  | 232.5         | 86.7                       | 51.1     | 63.4                         | 49.3         |
|           | ABR. | 56.3  | 232.5         | 86.9                       | 50.5     | 64.1                         | 54.4         |
|           | MAY. | 54.7  | 96.6          | 84.0                       | 48.9     | 65.8                         | 53.8         |
|           | JUN. | 54.9  | 96.6          | 85.3                       | 48.7     | 64.6                         | 54.4         |
|           | JUL. | 53.6  | 96.6          | 85.3                       | 46.3     | 64.6                         | 53.9         |
|           | AGO. | 54.0  | 96.6          | 86.1                       | 47.2     | 64.2                         | 54.1         |
|           | SET. | 53.9  | 96.6          | 85.3                       | 46.5     | 65.0                         | 54.2         |
|           | OCT. | 54.5  | 88.1          | 104.7                      | 46.0     | 65.0                         | 54.2         |
|           | NOV. | 54.6  | 88.1          | 106.1                      | 44.8     | 65.7                         | 54.8         |
|           | DIC. | 55.1  | 90.3          | 105.6                      | 46.0     | 65.3                         | 55.1         |
| 2002      | ENE. | 50.1  | 90.3          | 104.4                      | 45.5     | 64.6                         | 46.8         |
|           | FEB. | 53.0  | 204.4         | 103.8                      | 45.4     | 65.0                         | 47.6         |
|           | MAR. | 53.2  | 204.4         | 97.7                       | 46.2     | 59.7                         | 48.4         |
|           | ABR. | 54.5  | 164.1         | 97.1                       | 45.4     | 59.7                         | 51.8         |
|           | MAY. | 55.1  | 123.1         | 97.7                       | 45.5     | 58.3                         | 54.0         |
|           | JUN. | 54.7  | 117.2         | 97.1                       | 45.5     | 58.3                         | 53.5         |
|           | JUL. | 54.7  | 118.7         | 96.5                       | 45.6     | 59.0                         | 53.4         |
|           | AGO. | 55.5  | 120.1         | 105.6                      | 47.8     | 60.0                         | 52.6         |
|           | SET. | 56.1  | 118.9         | 109.8                      | 49.4     | 59.0                         | 52.6         |
|           | OCT. | 56.4  | 118.9         | 107.4                      | 50.0     | 56.7                         | 53.3         |
|           | NOV. | 55.8  | 99.3          | 103.8                      | 49.8     | 55.9                         | 53.5         |
|           | DIC. | 57.3  | 206.7         | 101.9                      | 49.7     | 56.2                         | 52.6         |
| 2003      | ENE. | 51.4  | 206.7         | 91.7                       | 48.8     | 52.8                         | 44.1         |
|           | FEB. | 49.0  | 122.5         | 91.7                       | 50.4     | 51.1                         | 42.8         |
|           | MAR. | 49.3  | 86.1          | 93.9                       | 50.4     | 52.6                         | 44.5         |
|           | ABR. | 52.9  | 86.1          | 99.6                       | 52.6     | 48.0                         | 49.8         |
|           | MAY. | 54.4  | 107.2         | 101.1                      | 52.2     | 51.3                         | 51.3         |
|           | JUN. | 54.5  | 89.6          | 99.6                       | 52.8     | 53.5                         | 51.9         |
|           | JUL. | 54.0  | 88.7          | 98.8                       | 51.6     | 53.3                         | 51.8         |
|           | AGO. | 53.4  | 88.7          | 107.5                      | 50.3     | 53.0                         | 50.9         |
|           | SET. | 53.7  | 102.0         | 107.5                      | 49.5     | 53.8                         | 51.2         |
|           | OCT. | 54.2  | 102.8         | 105.1                      | 49.6     | 54.5                         | 52.2         |

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

| AÑO Y MES |      | Piura |               |                         |          |                           |              |
|-----------|------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2004      | NOV. | 54.5  | 105.3         | 105.1                   | 49.7     | 55.0                      | 52.4         |
|           | DIC. | 53.4  | 105.3         | 102.7                   | 49.6     | 53.7                      | 50.7         |
|           | ENE. | 49.6  | 105.3         | 95.6                    | 49.5     | 56.5                      | 43.5         |
|           | FEB. | 50.4  | 109.5         | 89.3                    | 52.0     | 57.8                      | 43.2         |
|           | MAR. | 52.2  | 108.6         | 86.9                    | 50.7     | 62.8                      | 46.8         |
|           | ABR. | 57.2  | 122.7         | 86.1                    | 51.9     | 64.9                      | 54.8         |
|           | MAY. | 59.2  | 118.7         | 92.3                    | 53.2     | 64.6                      | 57.4         |
|           | JUN. | 59.9  | 113.1         | 90.6                    | 53.0     | 64.6                      | 59.2         |
|           | JUL. | 59.2  | 113.1         | 85.3                    | 52.4     | 62.2                      | 59.2         |
|           | AGO. | 60.0  | 112.3         | 85.8                    | 54.1     | 63.4                      | 59.3         |
|           | SET. | 60.0  | 113.1         | 86.6                    | 54.5     | 63.4                      | 58.9         |
|           | OCT. | 59.8  | 117.9         | 88.8                    | 53.0     | 67.1                      | 58.7         |
| 2005      | NOV. | 60.0  | 118.7         | 92.2                    | 53.0     | 66.2                      | 59.0         |
|           | DIC. | 59.9  | 117.9         | 90.5                    | 53.2     | 66.5                      | 58.8         |
|           | ENE. | 54.0  | 117.9         | 89.9                    | 52.6     | 64.2                      | 47.5         |
|           | FEB. | 54.2  | 123.5         | 99.6                    | 53.3     | 64.4                      | 46.4         |
|           | MAR. | 58.3  | 119.8         | 100.6                   | 53.0     | 64.6                      | 54.3         |
|           | ABR. | 62.3  | 130.2         | 101.1                   | 53.6     | 62.9                      | 61.4         |
|           | MAY. | 63.4  | 133.9         | 106.1                   | 53.6     | 63.5                      | 63.0         |
|           | JUN. | 64.1  | 140.6         | 96.1                    | 53.4     | 61.6                      | 65.1         |
|           | JUL. | 63.8  | 125.3         | 91.5                    | 54.0     | 62.2                      | 65.1         |
|           | AGO. | 61.8  | 126.0         | 80.0                    | 53.9     | 60.7                      | 62.3         |
|           | SET. | 62.2  | 124.5         | 80.0                    | 53.5     | 60.9                      | 63.4         |
|           | OCT. | 64.6  | 130.4         | 86.5                    | 55.5     | 61.8                      | 65.8         |
| 2006      | NOV. | 65.4  | 130.4         | 94.9                    | 56.0     | 62.9                      | 66.3         |
|           | DIC. | 66.9  | 132.5         | 105.9                   | 56.1     | 62.0                      | 68.5         |
|           | ENE. | 60.1  | 131.8         | 102.0                   | 56.5     | 61.8                      | 55.4         |
|           | FEB. | 60.8  | 125.3         | 109.8                   | 57.9     | 60.7                      | 55.9         |
|           | MAR. | 63.5  | 128.2         | 119.8                   | 57.9     | 60.0                      | 60.4         |
|           | ABR. | 68.5  | 128.2         | 117.0                   | 57.5     | 63.5                      | 70.1         |
|           | MAY. | 69.4  | 128.2         | 115.5                   | 58.4     | 63.5                      | 71.3         |
|           | JUN. | 70.2  | 124.5         | 114.9                   | 60.7     | 62.7                      | 71.5         |
|           | JUL. | 70.8  | 124.5         | 113.6                   | 61.1     | 63.8                      | 72.4         |
|           | AGO. | 71.2  | 123.1         | 111.8                   | 61.3     | 64.8                      | 73.0         |
|           | SET. | 71.5  | 119.4         | 114.6                   | 61.4     | 69.5                      | 72.7         |
|           | OCT. | 71.6  | 118.7         | 118.8                   | 61.0     | 68.0                      | 73.2         |
| 2007      | NOV. | 72.9  | 122.3         | 122.9                   | 63.0     | 65.4                      | 74.4         |
|           | DIC. | 74.3  | 122.3         | 126.6                   | 65.6     | 65.6                      | 75.0         |
|           | ENE. | 68.7  | 124.5         | 129.7                   | 65.8     | 67.2                      | 62.7         |
|           | FEB. | 68.1  | 119.4         | 114.1                   | 68.0     | 68.2                      | 60.9         |
|           | MAR. | 74.6  | 118.7         | 115.7                   | 72.1     | 68.6                      | 70.7         |
|           | ABR. | 80.1  | 126.0         | 117.8                   | 72.3     | 70.1                      | 81.0         |
|           | MAY. | 80.0  | 127.6         | 117.0                   | 70.1     | 69.8                      | 82.6         |
|           | JUN. | 80.7  | 127.6         | 121.9                   | 69.7     | 71.8                      | 83.7         |
|           | JUL. | 80.0  | 130.7         | 105.5                   | 69.6     | 69.6                      | 83.4         |
|           | AGO. | 81.6  | 133.9         | 107.6                   | 72.1     | 70.7                      | 84.3         |
|           | SET. | 81.9  | 134.6         | 113.6                   | 71.1     | 75.0                      | 84.4         |
|           | OCT. | 83.9  | 138.6         | 112.9                   | 72.1     | 73.9                      | 87.7         |
| 2008      | NOV. | 85.2  | 138.6         | 97.1                    | 74.1     | 74.5                      | 89.6         |
|           | DIC. | 85.9  | 143.3         | 92.1                    | 74.1     | 82.2                      | 89.6         |
|           | ENE. | 77.8  | 141.7         | 88.4                    | 74.1     | 82.6                      | 74.1         |
|           | FEB. | 77.9  | 141.7         | 85.1                    | 76.1     | 82.2                      | 73.3         |
|           | MAR. | 83.4  | 137.0         | 87.3                    | 78.3     | 84.6                      | 82.0         |
|           | ABR. | 87.4  | 134.6         | 88.4                    | 78.4     | 84.0                      | 90.2         |
|           | MAY. | 89.9  | 135.4         | 90.7                    | 77.9     | 86.9                      | 94.8         |
|           | JUN. | 90.3  | 128.3         | 81.2                    | 79.1     | 83.3                      | 96.3         |
|           | JUL. | 90.8  | 118.9         | 89.6                    | 78.7     | 84.4                      | 97.2         |
|           | AGO. | 92.1  | 119.7         | 93.5                    | 80.9     | 85.6                      | 97.8         |
|           | SET. | 92.6  | 119.7         | 86.7                    | 81.1     | 88.2                      | 98.6         |
|           | OCT. | 93.6  | 119.7         | 85.7                    | 83.5     | 90.8                      | 98.6         |
| 2009      | NOV. | 94.8  | 118.1         | 97.5                    | 85.3     | 92.5                      | 99.0         |
|           | DIC. | 94.2  | 118.9         | 95.8                    | 85.4     | 94.0                      | 97.5         |
|           | ENE. | 86.3  | 122.1         | 94.8                    | 84.2     | 94.0                      | 83.4         |
|           | FEB. | 82.9  | 126.8         | 95.8                    | 83.6     | 93.5                      | 77.3         |
|           | MAR. | 90.8  | 127.6         | 96.4                    | 88.7     | 95.1                      | 88.5         |
|           | ABR. | 94.9  | 128.3         | 86.9                    | 88.8     | 93.7                      | 97.1         |
|           | MAY. | 95.4  | 129.2         | 95.2                    | 88.4     | 94.4                      | 97.5         |
|           | JUN. | 96.3  | 130.1         | 97.9                    | 88.3     | 96.3                      | 98.9         |
|           | JUL. | 95.8  | 127.5         | 90.2                    | 89.3     | 93.7                      | 98.3         |
|           | AGO. | 96.3  | 115.7         | 92.8                    | 90.1     | 94.9                      | 98.8         |
|           | SET. | 96.3  | 115.7         | 96.7                    | 89.9     | 95.1                      | 98.7         |
|           | OCT. | 96.7  | 114.7         | 93.6                    | 89.7     | 97.0                      | 99.4         |
|           | NOV. | 97.5  | 118.8         | 99.8                    | 90.8     | 99.1                      | 99.3         |

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

| AÑO Y MES |       | Piura |               |                         |          |                           |              |
|-----------|-------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |       | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2010      | DIC.  | 97.6  | 118.8         | 101.5                   | 91.5     | 99.7                      | 98.8         |
|           | ENE.  | 89.7  | 105.2         | 89.8                    | 91.4     | 99.3                      | 85.1         |
|           | FEB.  | 88.8  | 104.9         | 95.7                    | 93.8     | 95.6                      | 81.8         |
|           | MAR.  | 93.9  | 104.2         | 96.4                    | 96.3     | 95.4                      | 90.5         |
|           | ABR.  | 98.0  | 107.6         | 107.2                   | 95.3     | 97.3                      | 98.0         |
|           | MAY.  | 99.0  | 104.2         | 105.2                   | 96.7     | 97.9                      | 99.4         |
|           | JUN.  | 100.3 | 111.1         | 116.3                   | 96.5     | 99.6                      | 100.1        |
|           | JUL.  | 100.0 | 111.4         | 107.2                   | 97.1     | 99.6                      | 100.0        |
|           | AGO.  | 100.6 | 113.0         | 108.2                   | 98.9     | 101.0                     | 99.5         |
|           | SET.  | 99.8  | 112.6         | 97.3                    | 97.6     | 100.6                     | 99.9         |
|           | OCT.  | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
|           | NOV.  | 102.9 | 153.1         | 100.0                   | 100.6    | 99.2                      | 100.3        |
| 2011      | DIC.  | 104.9 | 153.1         | 97.4                    | 102.0    | 106.6                     | 102.3        |
|           | ENE.  | 96.3  | 140.2         | 93.3                    | 100.3    | 111.6                     | 86.6         |
|           | FEB.  | 95.9  | 135.0         | 91.8                    | 103.3    | 113.0                     | 84.2         |
|           | MAR.  | 100.9 | 142.2         | 91.3                    | 104.6    | 111.8                     | 93.1         |
|           | ABR.  | 106.7 | 142.7         | 91.5                    | 105.0    | 113.0                     | 104.0        |
|           | MAY.  | 104.1 | 88.9          | 92.5                    | 105.3    | 113.0                     | 104.6        |
|           | JUN.  | 104.6 | 88.2          | 94.3                    | 105.2    | 116.6                     | 104.8        |
|           | JUL.  | 105.3 | 98.9          | 89.3                    | 105.9    | 118.2                     | 105.1        |
|           | AGO.  | 103.8 | 104.1         | 89.5                    | 105.2    | 117.6                     | 101.9        |
|           | SET.  | 104.3 | 106.2         | 92.5                    | 102.6    | 123.2                     | 102.9        |
|           | OCT.  | 106.9 | 131.0         | 98.3                    | 104.6    | 123.6                     | 102.9        |
|           | NOV.  | 106.0 | 111.2         | 95.0                    | 105.7    | 123.1                     | 103.1        |
| 2012      | DIC.  | 105.4 | 110.5         | 92.0                    | 105.9    | 119.4                     | 103.0        |
|           | ENE.  | 97.2  | 115.5         | 92.0                    | 104.8    | 118.7                     | 86.6         |
|           | FEB.  | 97.3  | 114.3         | 93.5                    | 104.3    | 123.5                     | 86.2         |
|           | MAR.  | 102.7 | 112.0         | 93.7                    | 105.5    | 121.9                     | 96.6         |
|           | ABR.  | 107.6 | 113.9         | 96.6                    | 107.2    | 124.3                     | 104.4        |
|           | MAY.  | 108.6 | 112.0         | 96.6                    | 106.3    | 127.3                     | 106.5        |
|           | JUN.  | 108.5 | 123.8         | 98.1                    | 103.7    | 126.1                     | 106.7        |
|           | JUL.  | 109.3 | 129.3         | 96.7                    | 103.0    | 128.8                     | 107.9        |
|           | AGO.  | 109.8 | 127.1         | 97.9                    | 105.4    | 130.4                     | 107.3        |
|           | SET.  | 109.1 | 125.9         | 90.9                    | 106.1    | 128.8                     | 106.9        |
|           | OCT.  | 108.9 | 108.6         | 91.2                    | 105.9    | 126.9                     | 108.7        |
|           | NOV.  | 109.4 | 109.2         | 97.3                    | 105.5    | 128.3                     | 108.5        |
| 2013      | DIC.  | 109.8 | 116.2         | 98.0                    | 105.6    | 130.6                     | 108.0        |
|           | ENE.  | 96.7  | 91.6          | 89.7                    | 100.1    | 130.9                     | 89.7         |
|           | FEB.  | 101.0 | 93.4          | 92.4                    | 108.7    | 130.0                     | 92.8         |
|           | MAR.  | 105.4 | 94.2          | 93.0                    | 110.2    | 130.3                     | 99.9         |
|           | ABR.  | 111.9 | 89.6          | 97.1                    | 110.6    | 131.4                     | 112.1        |
|           | MAY.  | 112.1 | 85.6          | 96.5                    | 110.2    | 130.3                     | 113.5        |
|           | JUN.  | 112.5 | 85.1          | 98.1                    | 109.0    | 132.1                     | 114.6        |
|           | JUL.  | 113.2 | 93.9          | 93.6                    | 110.1    | 129.3                     | 115.3        |
|           | AGO.  | 112.2 | 95.9          | 94.9                    | 110.0    | 127.0                     | 113.2        |
|           | SET.  | 113.7 | 109.7         | 99.3                    | 110.8    | 124.5                     | 113.3        |
|           | OCT.  | 114.1 | 101.9         | 101.8                   | 110.0    | 127.6                     | 114.8        |
|           | NOV.  | 113.2 | 99.1          | 101.2                   | 105.0    | 130.9                     | 116.2        |
| 2014      | DIC.  | 113.7 | 96.6          | 103.8                   | 106.4    | 129.6                     | 116.5        |
|           | ENE.  | 106.1 | 112.9         | 106.1                   | 106.3    | 126.8                     | 97.9         |
|           | FEB.  | 104.6 | 92.0          | 108.3                   | 101.9    | 128.3                     | 99.8         |
|           | MAR.  | 108.6 | 81.8          | 111.6                   | 103.8    | 129.1                     | 108.1        |
|           | ABR.  | 111.2 | 73.7          | 109.6                   | 102.2    | 129.1                     | 116.8        |
|           | MAY.  | 111.1 | 73.7          | 107.4                   | 101.4    | 129.6                     | 117.8        |
|           | JUN.  | 111.8 | 74.0          | 108.6                   | 100.6    | 131.6                     | 119.2        |
|           | JUL.  | 111.2 | 74.8          | 106.0                   | 99.7     | 128.6                     | 119.6        |
|           | AGO.  | 111.9 | 80.8          | 106.6                   | 100.8    | 131.6                     | 118.6        |
|           | SET.  | 112.0 | 88.2          | 102.3                   | 98.2     | 133.5                     | 120.2        |
|           | OCT.  | 110.8 | 87.4          | 100.2                   | 96.8     | 133.8                     | 119.0        |
|           | NOV.  | 109.8 | 71.1          | 97.7                    | 97.5     | 140.0                     | 118.7        |
| 2015      | DIC.  | 110.6 | 70.8          | 99.9                    | 99.0     | 139.7                     | 119.0        |
|           | ENE.  | 102.7 | 68.9          | 86.8                    | 100.5    | 140.3                     | 102.6        |
|           | FEB.  | 99.4  | 69.8          | 84.9                    | 98.0     | 141.9                     | 96.9         |
|           | MAR.  | 105.6 | 71.9          | 88.8                    | 98.3     | 141.1                     | 109.7        |
|           | ABR.  | 109.9 | 72.6          | 87.8                    | 100.2    | 139.0                     | 118.9        |
|           | MAY.  | 111.3 | 72.6          | 84.9                    | 100.2    | 140.7                     | 122.6        |
|           | JUN.  | 113.0 | 75.5          | 88.8                    | 102.8    | 140.4                     | 123.1        |
|           | JUL.  | 112.8 | 74.9          | 84.9                    | 102.0    | 146.6                     | 123.0        |
|           | AGO.  | 113.3 | 81.3          | 82.9                    | 102.8    | 146.6                     | 122.6        |
|           | SET.  | 113.5 | 81.7          | 82.3                    | 102.3    | 150.1                     | 122.9        |
|           | OCT.  | 112.9 | 79.1          | 84.3                    | 101.7    | 151.1                     | 121.9        |
|           | NOV.  | 113.1 | 76.1          | 83.9                    | 102.5    | 154.2                     | 122.0        |
| DIC.      | 113.6 | 71.0  | 84.1          | 105.2                   | 154.5    | 122.2                     |              |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2016 ENE. | 104.0 | 60.5          | 79.7                    | 103.4    | 150.8                     | 105.0        |
| FEB.      | 100.0 | 61.2          | 79.9                    | 101.2    | 152.0                     | 97.4         |
| MAR.      | 106.2 | 60.7          | 82.7                    | 101.5    | 149.7                     | 110.9        |
| ABR.      | 110.1 | 59.7          | 83.3                    | 101.4    | 153.2                     | 119.5        |
| MAY.      | 111.3 | 62.1          | 79.9                    | 101.3    | 155.8                     | 122.2        |
| JUN.      | 111.2 | 59.6          | 81.7                    | 100.5    | 157.8                     | 122.4        |
| JUL.      | 111.2 | 59.6          | 80.0                    | 100.3    | 158.8                     | 123.0        |
| AGO.      | 110.8 | 59.0          | 78.1                    | 101.4    | 154.7                     | 122.4        |
| SET.      | 110.9 | 57.9          | 78.1                    | 101.3    | 157.8                     | 122.4        |
| OCT.      | 110.8 | 57.2          | 77.5                    | 101.5    | 154.4                     | 122.9        |
| NOV.      | 111.2 | 58.5          | 78.5                    | 100.8    | 153.1                     | 124.2        |
| DIC.      | 111.8 | 58.2          | 78.1                    | 101.9    | 152.1                     | 124.9        |
| 2017 ENE. | 103.2 | 57.0          | 77.7                    | 100.9    | 151.8                     | 106.1        |
| FEB.      | 102.7 | 54.4          | 77.7                    | 100.5    | 150.5                     | 106.0        |
| MAR.      | 107.5 | 54.0          | 76.1                    | 100.4    | 159.7                     | 116.4        |
| ABR.      | 109.1 | 53.7          | 76.3                    | 99.7     | 154.7                     | 121.2        |
| MAY.      | 111.4 | 54.4          | 75.4                    | 99.3     | 160.3                     | 126.2        |
| JUN.      | 111.2 | 54.6          | 75.4                    | 99.6     | 163.6                     | 125.1        |
| JUL.      | 111.5 | 54.7          | 75.0                    | 98.4     | 165.3                     | 126.4        |
| AGO.      | 110.9 | 55.8          | 77.9                    | 98.4     | 165.9                     | 124.1        |
| SET.      | 111.7 | 54.9          | 78.5                    | 97.4     | 168.2                     | 126.4        |
| OCT.      | 111.4 | 54.7          | 77.9                    | 96.2     | 165.6                     | 127.3        |
| NOV.      | 111.5 | 54.5          | 78.1                    | 95.6     | 171.0                     | 127.2        |
| DIC.      | 113.4 | 62.4          | 77.3                    | 97.5     | 171.3                     | 128.4        |
| 2018 ENE. | 104.2 | 61.2          | 76.8                    | 94.4     | 173.9                     | 109.7        |
| FEB.      | 102.2 | 62.5          | 75.4                    | 93.4     | 158.2                     | 107.9        |
| MAR.      | 105.8 | 53.0          | 72.3                    | 94.4     | 151.8                     | 118.9        |
| ABR.      | 108.7 | 62.1          | 71.1                    | 91.9     | 154.6                     | 125.3        |
| MAY.      | 108.7 | 57.2          | 74.5                    | 91.7     | 156.0                     | 125.6        |
| JUN.      | 108.7 | 54.4          | 77.9                    | 91.0     | 157.6                     | 125.7        |
| JUL.      | 107.5 | 54.9          | 73.0                    | 89.4     | 156.6                     | 125.3        |
| AGO.      | 107.6 | 54.6          | 72.1                    | 90.6     | 159.5                     | 124.8        |
| SET.      | 106.9 | 53.7          | 71.2                    | 89.6     | 160.5                     | 124.2        |
| OCT.      | 107.8 | 54.4          | 71.2                    | 89.9     | 165.5                     | 125.1        |
| NOV.      | 108.9 | 55.3          | 72.2                    | 90.3     | 166.3                     | 126.8        |
| DIC.      | 111.0 | 63.7          | 72.2                    | 94.1     | 166.3                     | 126.8        |
| 2019 ENE. | 104.5 | 66.8          | 83.6                    | 91.4     | 158.9                     | 111.6        |
| FEB.      | 103.5 | 66.6          | 84.0                    | 89.0     | 151.2                     | 112.0        |
| MAR.      | 105.4 | 55.8          | 80.2                    | 88.9     | 149.5                     | 119.6        |
| ABR.      | 107.5 | 55.8          | 80.2                    | 87.2     | 160.5                     | 124.3        |
| MAY.      | 108.7 | 57.9          | 81.9                    | 86.8     | 158.3                     | 126.9        |
| JUN.      | 109.8 | 55.1          | 81.2                    | 87.7     | 169.9                     | 128.0        |
| JUL.      | 111.3 | 53.7          | 88.0                    | 87.9     | 169.5                     | 129.8        |
| AGO.      | 111.1 | 53.3          | 88.0                    | 87.5     | 170.3                     | 129.8        |
| SET.      | 111.3 | 53.3          | 90.2                    | 87.7     | 168.1                     | 129.8        |
| OCT.      | 111.3 | 71.2          | 79.2                    | 86.0     | 171.3                     | 129.6        |
| NOV. P/   | 111.3 | 70.2          | 78.4                    | 85.9     | 171.3                     | 130.0        |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 1997 OCT. | 47.3  | 28.3          | 19.0                    | 51.7     | 107.3                     | 66.4         |
| NOV.      | 48.6  | 33.5          | 19.8                    | 53.6     | 110.1                     | 66.3         |
| DIC.      | 48.6  | 32.0          | 20.0                    | 53.3     | 112.1                     | 66.5         |
| 1998 ENE. | 47.8  | 31.9          | 18.9                    | 60.1     | 112.6                     | 65.1         |
| FEB.      | 46.1  | 14.7          | 18.5                    | 54.3     | 109.6                     | 67.7         |
| MAR.      | 45.6  | 14.2          | 18.4                    | 55.3     | 111.6                     | 66.8         |
| ABR.      | 46.4  | 14.2          | 19.0                    | 55.1     | 115.2                     | 67.6         |
| MAY.      | 45.9  | 15.1          | 18.6                    | 55.9     | 115.7                     | 66.5         |
| JUN.      | 46.4  | 14.9          | 18.5                    | 55.5     | 111.1                     | 68.1         |
| JUL.      | 47.1  | 14.9          | 18.9                    | 56.3     | 112.1                     | 69.2         |
| AGO.      | 47.0  | 14.3          | 18.8                    | 55.5     | 114.0                     | 69.4         |
| SET.      | 47.0  | 14.0          | 18.8                    | 59.4     | 113.6                     | 68.9         |
| OCT.      | 46.8  | 21.7          | 18.7                    | 58.4     | 103.4                     | 68.1         |
| NOV.      | 46.0  | 21.1          | 18.8                    | 53.8     | 97.9                      | 67.4         |
| DIC.      | 45.0  | 1.6           | 19.5                    | 54.6     | 94.9                      | 68.0         |
| 1999 ENE. | 43.9  | -             | 20.8                    | 51.8     | 93.5                      | 64.2         |
| FEB.      | 43.9  | -             | 21.0                    | 51.3     | 104.0                     | 63.0         |
| MAR.      | 44.5  | -             | 21.0                    | 57.4     | 103.4                     | 63.5         |
| ABR.      | 43.4  | 28.6          | 20.2                    | 58.2     | 99.0                      | 62.3         |
| MAY.      | 44.2  | 421.7         | 20.6                    | 54.6     | 94.6                      | 61.9         |
| JUN.      | 45.2  | 421.7         | 20.3                    | 54.5     | 96.3                      | 64.5         |
| JUL.      | 43.3  | 41.1          | 19.6                    | 52.2     | 96.8                      | 64.1         |
| AGO.      | 42.7  | 41.1          | 17.9                    | 51.4     | 97.9                      | 64.8         |
| SET.      | 44.3  | 83.2          | 18.8                    | 53.3     | 95.7                      | 66.2         |
| OCT.      | 44.2  | 83.6          | 19.6                    | 52.6     | 97.1                      | 65.0         |
| NOV.      | 44.4  | 105.3         | 19.4                    | 53.8     | 95.5                      | 63.8         |
| DIC.      | 43.8  | 59.8          | 20.8                    | 54.5     | 93.8                      | 64.3         |
| 2000 ENE. | 42.9  | 71.7          | 20.3                    | 53.8     | 92.7                      | 61.8         |
| FEB.      | 42.9  | 69.6          | 20.6                    | 55.3     | 98.2                      | 60.9         |
| MAR.      | 41.6  | 60.9          | 17.9                    | 54.7     | 97.7                      | 61.7         |
| ABR.      | 42.3  | 60.5          | 18.6                    | 55.4     | 97.7                      | 62.4         |
| MAY.      | 43.0  | 62.5          | 18.5                    | 54.2     | 97.9                      | 64.5         |
| JUN.      | 42.7  | 7.2           | 18.8                    | 54.4     | 101.8                     | 65.2         |
| JUL.      | 43.4  | 35.1          | 19.5                    | 53.3     | 100.1                     | 65.3         |
| AGO.      | 43.1  | 82.6          | 18.9                    | 53.5     | 98.8                      | 63.5         |
| SET.      | 43.3  | 102.1         | 18.8                    | 53.8     | 99.0                      | 63.1         |
| OCT.      | 43.4  | 110.0         | 17.5                    | 52.7     | 99.3                      | 64.9         |
| NOV.      | 43.5  | 117.8         | 17.8                    | 52.6     | 98.8                      | 64.4         |
| DIC.      | 41.8  | 12.4          | 17.6                    | 51.9     | 94.7                      | 65.3         |
| 2001 ENE. | 41.7  | 117.8         | 17.5                    | 50.6     | 93.4                      | 61.3         |
| FEB.      | 42.1  | 130.8         | 17.9                    | 52.1     | 95.6                      | 60.8         |
| MAR.      | 42.0  | 127.5         | 18.0                    | 51.1     | 96.3                      | 60.6         |
| ABR.      | 42.8  | 121.7         | 17.7                    | 51.2     | 94.1                      | 63.7         |
| MAY.      | 43.6  | 116.5         | 18.5                    | 52.8     | 95.3                      | 64.3         |
| JUN.      | 43.9  | 136.0         | 18.8                    | 52.0     | 94.6                      | 64.2         |
| JUL.      | 44.6  | 129.5         | 21.5                    | 51.0     | 91.7                      | 63.7         |
| AGO.      | 47.0  | 231.7         | 21.5                    | 52.6     | 91.5                      | 63.7         |
| SET.      | 46.8  | 222.5         | 21.4                    | 53.3     | 87.4                      | 64.2         |
| OCT.      | 45.7  | 182.6         | 20.0                    | 53.2     | 86.7                      | 65.2         |
| NOV.      | 42.1  | 53.1          | 18.3                    | 53.8     | 85.0                      | 65.3         |
| DIC.      | 44.2  | 115.9         | 18.3                    | 55.2     | 85.7                      | 64.9         |
| 2002 ENE. | 42.0  | 105.4         | 18.1                    | 53.9     | 86.0                      | 60.6         |
| FEB.      | 42.4  | 110.8         | 17.4                    | 55.1     | 87.2                      | 61.7         |
| MAR.      | 43.1  | 114.4         | 18.7                    | 55.0     | 86.9                      | 61.8         |
| ABR.      | 43.6  | 86.3          | 18.8                    | 57.1     | 85.5                      | 65.2         |
| MAY.      | 43.2  | 54.2          | 18.7                    | 59.1     | 85.5                      | 66.6         |
| JUN.      | 43.5  | 53.9          | 17.7                    | 58.9     | 89.3                      | 68.1         |
| JUL.      | 45.0  | 70.1          | 20.1                    | 59.5     | 85.7                      | 68.3         |
| AGO.      | 45.0  | 79.2          | 20.7                    | 55.7     | 84.5                      | 67.9         |
| SET.      | 45.2  | 80.6          | 22.3                    | 57.9     | 85.3                      | 66.1         |
| OCT.      | 44.8  | 67.3          | 19.6                    | 59.8     | 84.5                      | 68.5         |
| NOV.      | 44.7  | 66.7          | 19.5                    | 60.0     | 85.3                      | 68.4         |
| DIC.      | 44.0  | 66.1          | 18.4                    | 60.2     | 81.9                      | 68.2         |
| 2003 ENE. | 41.9  | 64.7          | 18.6                    | 60.5     | 81.2                      | 62.7         |
| FEB.      | 41.0  | 65.9          | 18.1                    | 61.4     | 84.5                      | 60.3         |
| MAR.      | 41.8  | 65.6          | 18.1                    | 60.6     | 87.4                      | 62.3         |
| ABR.      | 43.1  | 65.6          | 19.4                    | 61.9     | 85.5                      | 64.2         |
| MAY.      | 45.0  | 48.8          | 19.4                    | 61.9     | 84.8                      | 70.5         |
| JUN.      | 45.0  | 49.8          | 18.2                    | 61.5     | 88.6                      | 71.4         |
| JUL.      | 45.8  | 59.2          | 18.7                    | 62.7     | 98.9                      | 71.0         |
| AGO.      | 45.2  | 66.3          | 20.3                    | 64.4     | 99.4                      | 66.5         |
| SET.      | 46.9  | 65.7          | 20.3                    | 65.4     | 98.7                      | 71.0         |

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OCTUBRE 1997 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2004      |       |               |                         |          |                           |              |
| OCT.      | 47.6  | 72.2          | 19.6                    | 63.8     | 101.1                     | 73.0         |
| NOV.      | 47.2  | 67.1          | 18.6                    | 65.4     | 101.1                     | 73.3         |
| DIC.      | 47.1  | 67.1          | 18.5                    | 64.6     | 96.8                      | 73.7         |
| ENE.      | 44.8  | 66.0          | 18.6                    | 65.8     | 97.7                      | 67.2         |
| FEB.      | 43.7  | 49.5          | 18.5                    | 61.6     | 102.1                     | 66.2         |
| MAR.      | 44.8  | 66.3          | 19.7                    | 57.9     | 102.1                     | 67.4         |
| ABR.      | 44.7  | 71.1          | 20.0                    | 60.4     | 102.8                     | 65.7         |
| MAY.      | 47.0  | 65.3          | 20.1                    | 62.7     | 104.8                     | 71.7         |
| JUN.      | 48.6  | 67.7          | 21.5                    | 63.1     | 106.1                     | 74.1         |
| JUL.      | 49.3  | 71.5          | 23.6                    | 59.2     | 104.3                     | 74.4         |
| AGO.      | 52.9  | 78.6          | 31.3                    | 60.8     | 104.6                     | 74.2         |
| SET.      | 52.6  | 84.9          | 30.7                    | 63.3     | 107.4                     | 72.5         |
| OCT.      | 53.4  | 85.8          | 30.6                    | 66.6     | 104.4                     | 74.2         |
| NOV.      | 52.5  | 76.0          | 27.4                    | 67.1     | 104.1                     | 76.2         |
| DIC.      | 52.7  | 78.3          | 28.7                    | 66.6     | 100.7                     | 75.6         |
| 2005      |       |               |                         |          |                           |              |
| ENE.      | 52.6  | 77.2          | 33.4                    | 71.7     | 97.1                      | 69.1         |
| FEB.      | 51.3  | 56.0          | 32.8                    | 70.8     | 98.5                      | 68.0         |
| MAR.      | 49.1  | 55.4          | 30.5                    | 70.0     | 91.9                      | 66.1         |
| ABR.      | 50.0  | 50.5          | 32.1                    | 70.4     | 88.7                      | 67.1         |
| MAY.      | 51.6  | 50.8          | 30.6                    | 69.6     | 88.2                      | 74.4         |
| JUN.      | 52.7  | 65.3          | 29.7                    | 70.9     | 96.5                      | 76.6         |
| JUL.      | 53.9  | 76.1          | 31.4                    | 70.5     | 93.5                      | 77.2         |
| AGO.      | 54.7  | 92.4          | 33.9                    | 70.4     | 98.7                      | 73.6         |
| SET.      | 55.5  | 90.4          | 35.2                    | 71.9     | 100.7                     | 73.6         |
| OCT.      | 54.7  | 89.1          | 32.0                    | 72.4     | 99.5                      | 76.1         |
| NOV.      | 54.9  | 77.9          | 32.2                    | 72.8     | 98.9                      | 77.3         |
| DIC.      | 57.5  | 83.4          | 37.1                    | 73.1     | 99.6                      | 77.1         |
| 2006      |       |               |                         |          |                           |              |
| ENE.      | 53.1  | 69.9          | 34.2                    | 73.6     | 101.1                     | 69.0         |
| FEB.      | 52.0  | 79.2          | 31.7                    | 73.7     | 102.0                     | 68.5         |
| MAR.      | 51.6  | 77.7          | 31.5                    | 74.6     | 102.0                     | 67.5         |
| ABR.      | 54.8  | 83.1          | 34.7                    | 76.0     | 101.9                     | 71.4         |
| MAY.      | 55.9  | 80.7          | 33.5                    | 76.6     | 102.0                     | 76.6         |
| JUN.      | 56.7  | 78.4          | 33.8                    | 76.3     | 82.7                      | 80.5         |
| JUL.      | 55.9  | 78.9          | 32.4                    | 73.2     | 86.6                      | 80.8         |
| AGO.      | 56.8  | 89.1          | 35.4                    | 73.5     | 90.9                      | 77.5         |
| SET.      | 59.5  | 90.1          | 36.6                    | 73.8     | 90.9                      | 83.5         |
| OCT.      | 60.4  | 101.6         | 37.0                    | 74.0     | 89.5                      | 84.6         |
| NOV.      | 61.8  | 100.1         | 38.8                    | 73.5     | 88.9                      | 86.5         |
| DIC.      | 62.9  | 102.1         | 40.6                    | 73.9     | 89.5                      | 86.6         |
| 2007      |       |               |                         |          |                           |              |
| ENE.      | 56.7  | 62.7          | 34.1                    | 77.4     | 86.4                      | 80.7         |
| FEB.      | 56.3  | 94.4          | 36.9                    | 76.9     | 86.6                      | 72.3         |
| MAR.      | 56.3  | 94.4          | 37.1                    | 77.3     | 86.4                      | 71.8         |
| ABR.      | 57.6  | 94.6          | 36.9                    | 79.9     | 84.7                      | 75.5         |
| MAY.      | 62.3  | 93.4          | 41.2                    | 80.3     | 85.2                      | 82.8         |
| JUN.      | 62.3  | 69.2          | 42.2                    | 78.5     | 87.2                      | 83.8         |
| JUL.      | 62.9  | 106.4         | 41.4                    | 79.2     | 80.7                      | 84.1         |
| AGO.      | 63.0  | 108.1         | 44.9                    | 78.7     | 83.5                      | 78.6         |
| SET.      | 62.0  | 109.4         | 44.5                    | 82.0     | 82.8                      | 75.3         |
| OCT.      | 67.8  | 113.1         | 49.9                    | 81.7     | 84.2                      | 84.1         |
| NOV.      | 67.8  | 110.1         | 48.3                    | 82.0     | 84.5                      | 86.7         |
| DIC.      | 68.3  | 102.6         | 49.1                    | 83.1     | 84.0                      | 87.3         |
| 2008      |       |               |                         |          |                           |              |
| ENE.      | 61.3  | 75.4          | 43.7                    | 84.9     | 82.6                      | 75.7         |
| FEB.      | 59.3  | 102.9         | 40.6                    | 84.7     | 84.9                      | 72.1         |
| MAR.      | 61.5  | 105.9         | 41.8                    | 85.4     | 86.9                      | 76.3         |
| ABR.      | 63.1  | 113.4         | 42.0                    | 87.3     | 85.4                      | 79.8         |
| MAY.      | 65.5  | 117.9         | 43.8                    | 86.9     | 86.4                      | 84.1         |
| JUN.      | 66.0  | 127.6         | 44.0                    | 87.7     | 96.8                      | 83.3         |
| JUL.      | 68.3  | 138.1         | 47.6                    | 87.8     | 98.0                      | 83.9         |
| AGO.      | 74.1  | 147.1         | 61.3                    | 89.3     | 97.9                      | 80.5         |
| SET.      | 74.1  | 141.4         | 61.4                    | 92.5     | 86.0                      | 81.0         |
| OCT.      | 77.3  | 144.5         | 61.7                    | 92.1     | 86.4                      | 90.4         |
| NOV.      | 76.2  | 135.3         | 60.7                    | 92.7     | 88.7                      | 88.8         |
| DIC.      | 76.4  | 141.4         | 60.0                    | 94.5     | 90.2                      | 88.9         |
| 2009      |       |               |                         |          |                           |              |
| ENE.      | 72.0  | 124.4         | 53.7                    | 95.7     | 89.8                      | 85.6         |
| FEB.      | 64.2  | 121.5         | 43.7                    | 96.8     | 88.5                      | 75.6         |
| MAR.      | 63.9  | 115.9         | 42.8                    | 96.0     | 93.5                      | 76.3         |
| ABR.      | 65.5  | 107.9         | 44.3                    | 95.4     | 91.9                      | 80.4         |
| MAY.      | 68.0  | 110.0         | 45.0                    | 94.2     | 87.3                      | 87.6         |
| JUN.      | 67.8  | 98.5          | 45.3                    | 92.2     | 87.7                      | 88.5         |
| JUL.      | 74.3  | 121.9         | 57.1                    | 91.0     | 88.9                      | 89.9         |
| AGO.      | 77.3  | 114.5         | 64.3                    | 91.2     | 87.7                      | 90.0         |
| SET.      | 78.2  | 110.6         | 65.0                    | 93.5     | 87.0                      | 91.3         |

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

| AÑO Y MES |      | Piura |               |                         |          |                                        |
|-----------|------|-------|---------------|-------------------------|----------|----------------------------------------|
|           |      | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. Servicios 2/ |
| 2010      | OCT. | 80.6  | 107.0         | 67.0                    | 94.2     | 87.0 95.7                              |
|           | NOV. | 87.1  | 108.3         | 80.9                    | 93.0     | 87.1 96.3                              |
|           | DIC. | 84.1  | 108.3         | 74.0                    | 94.5     | 87.7 96.4                              |
|           | ENE. | 77.2  | 88.1          | 69.6                    | 96.1     | 87.2 83.2                              |
|           | FEB. | 66.4  | 96.4          | 42.1                    | 95.7     | 99.0 84.9                              |
|           | MAR. | 66.0  | 69.7          | 43.6                    | 96.1     | 99.1 84.3                              |
|           | ABR. | 65.6  | 69.7          | 40.2                    | 96.1     | 100.2 87.4                             |
|           | MAY. | 72.2  | 58.8          | 47.6                    | 96.5     | 99.8 97.9                              |
|           | JUN. | 74.1  | 57.6          | 50.1                    | 97.3     | 101.2 99.6                             |
|           | JUL. | 77.3  | 74.4          | 55.0                    | 99.2     | 101.9 99.8                             |
|           | AGO. | 86.0  | 76.4          | 77.4                    | 99.3     | 101.6 92.8                             |
|           | SET. | 92.6  | 100.1         | 88.9                    | 99.9     | 101.0 93.2                             |
| 2011      | OCT. | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0 100.0                            |
|           | NOV. | 96.7  | 136.0         | 90.9                    | 99.8     | 99.3 99.4                              |
|           | DIC. | 108.1 | 90.4          | 107.6                   | 133.6    | 100.5 100.2                            |
|           | ENE. | 94.1  | 97.5          | 82.2                    | 137.3    | 98.8 91.1                              |
|           | FEB. | 86.0  | 96.2          | 68.2                    | 135.1    | 100.9 87.3                             |
|           | MAR. | 79.8  | 72.4          | 54.7                    | 134.9    | 100.2 90.6                             |
|           | ABR. | 82.6  | 73.3          | 55.9                    | 131.8    | 102.0 98.8                             |
|           | MAY. | 84.6  | 66.5          | 57.7                    | 132.3    | 106.2 102.6                            |
|           | JUN. | 85.8  | 63.5          | 59.7                    | 133.4    | 112.1 102.8                            |
|           | JUL. | 89.4  | 66.5          | 66.6                    | 134.8    | 116.3 102.8                            |
|           | AGO. | 102.7 | 93.4          | 98.5                    | 135.4    | 118.6 95.8                             |
|           | SET. | 121.2 | 126.9         | 134.1                   | 138.2    | 112.9 99.1                             |
| 2012      | OCT. | 116.4 | 131.2         | 121.6                   | 137.2    | 114.3 101.6                            |
|           | NOV. | 117.8 | 138.2         | 122.2                   | 138.8    | 114.4 103.5                            |
|           | DIC. | 118.1 | 123.8         | 122.7                   | 141.0    | 117.6 103.8                            |
|           | ENE. | 89.8  | 79.4          | 71.9                    | 144.0    | 115.9 90.3                             |
|           | FEB. | 89.0  | 71.4          | 70.9                    | 145.9    | 119.9 88.7                             |
|           | MAR. | 84.1  | 76.5          | 57.8                    | 147.3    | 120.1 90.8                             |
|           | ABR. | 81.4  | 52.7          | 50.2                    | 147.7    | 120.4 96.2                             |
|           | MAY. | 82.2  | 43.5          | 47.6                    | 150.7    | 122.9 102.0                            |
|           | JUN. | 86.7  | 44.0          | 55.8                    | 151.3    | 123.6 103.9                            |
|           | JUL. | 92.8  | 66.1          | 65.7                    | 151.1    | 129.5 105.6                            |
|           | AGO. | 104.4 | 111.9         | 87.6                    | 152.8    | 130.7 104.5                            |
|           | SET. | 110.2 | 117.5         | 98.0                    | 155.4    | 128.9 106.1                            |
| 2013      | OCT. | 120.2 | 98.0          | 121.0                   | 153.7    | 128.1 108.3                            |
|           | NOV. | 129.3 | 94.0          | 140.2                   | 155.6    | 128.9 109.3                            |
|           | DIC. | 123.7 | 100.0         | 126.8                   | 156.1    | 128.0 109.8                            |
|           | ENE. | 95.7  | 54.8          | 72.9                    | 156.7    | 123.9 103.3                            |
|           | FEB. | 95.1  | 83.6          | 74.9                    | 151.5    | 122.3 97.5                             |
|           | MAR. | 87.6  | 53.0          | 59.5                    | 151.4    | 122.9 99.4                             |
|           | ABR. | 90.1  | 49.4          | 58.0                    | 153.7    | 121.7 109.2                            |
|           | MAY. | 87.8  | 46.4          | 47.5                    | 156.6    | 123.0 115.9                            |
|           | JUN. | 87.2  | 51.6          | 43.5                    | 151.5    | 121.5 121.7                            |
|           | JUL. | 93.8  | 68.8          | 54.8                    | 151.0    | 118.0 125.3                            |
|           | AGO. | 105.1 | 81.7          | 80.5                    | 150.6    | 115.7 124.4                            |
|           | SET. | 113.0 | 85.9          | 102.5                   | 151.1    | 115.3 118.1                            |
| 2014      | OCT. | 114.2 | 75.5          | 101.9                   | 150.7    | 113.0 124.4                            |
|           | NOV. | 114.7 | 88.4          | 101.3                   | 152.2    | 110.7 124.9                            |
|           | DIC. | 113.5 | 98.8          | 96.4                    | 154.8    | 110.0 125.4                            |
|           | ENE. | 99.1  | 93.0          | 70.9                    | 156.0    | 108.5 115.3                            |
|           | FEB. | 92.7  | 54.1          | 56.9                    | 153.1    | 110.3 120.6                            |
|           | MAR. | 92.5  | 58.7          | 55.8                    | 151.9    | 110.8 121.2                            |
|           | ABR. | 92.4  | 40.6          | 50.9                    | 150.6    | 110.8 130.4                            |
|           | MAY. | 93.7  | 45.5          | 47.5                    | 151.8    | 112.0 138.0                            |
|           | JUN. | 94.5  | 55.4          | 46.6                    | 149.4    | 113.1 141.6                            |
|           | JUL. | 89.8  | 91.7          | 31.6                    | 150.3    | 115.4 142.2                            |
|           | AGO. | 95.7  | 85.3          | 39.0                    | 149.3    | 116.8 142.3                            |
|           | SET. | 102.1 | 79.4          | 47.2                    | 146.9    | 120.0 142.4                            |
| 2015      | OCT. | 102.6 | 76.2          | 46.3                    | 145.1    | 121.4 147.8                            |
|           | NOV. | 112.8 | 99.0          | 57.3                    | 145.1    | 124.9 149.4                            |
|           | DIC. | 110.3 | 91.5          | 54.0                    | 148.2    | 124.8 149.6                            |
|           | ENE. | 91.2  | 45.6          | 36.8                    | 147.4    | 123.6 136.7                            |
|           | FEB. | 86.5  | 57.3          | 31.6                    | 147.3    | 121.5 133.9                            |
|           | MAR. | 83.2  | 58.1          | 27.0                    | 147.4    | 121.4 135.9                            |
|           | ABR. | 86.8  | 38.3          | 27.9                    | 147.6    | 122.9 148.5                            |
|           | MAY. | 88.9  | 45.5          | 28.5                    | 148.9    | 122.7 152.8                            |
|           | JUN. | 88.2  | 46.6          | 27.0                    | 148.2    | 127.9 154.5                            |
|           | JUL. | 94.8  | 76.3          | 34.8                    | 145.5    | 125.0 153.5                            |
|           | AGO. | 102.7 | 79.6          | 44.9                    | 146.5    | 125.7 150.7                            |
|           | SET. | 117.5 | 77.2          | 62.6                    | 148.8    | 128.4 150.3                            |

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

| AÑO Y MES | Piura |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2016 OCT. | 124.1 | 75.2          | 68.3                    | 147.4    | 130.4                     | 157.9        |
| NOV.      | 124.9 | 95.5          | 68.3                    | 147.1    | 130.8                     | 158.9        |
| DIC.      | 125.9 | 87.2          | 68.9                    | 151.1    | 130.8                     | 159.5        |
| 2016 ENE. | 96.1  | 70.4          | 39.7                    | 147.2    | 123.4                     | 142.5        |
| FEB.      | 92.3  | 42.9          | 38.1                    | 145.5    | 125.5                     | 136.5        |
| MAR.      | 84.9  | 57.5          | 28.2                    | 147.6    | 124.3                     | 137.3        |
| ABR.      | 84.3  | 56.9          | 22.7                    | 146.0    | 126.1                     | 152.3        |
| MAY.      | 83.8  | 41.4          | 22.5                    | 148.4    | 125.2                     | 151.5        |
| JUN.      | 86.9  | 48.4          | 26.5                    | 146.4    | 123.5                     | 151.4        |
| JUL.      | 93.4  | 79.0          | 35.1                    | 143.3    | 122.6                     | 145.8        |
| AGO.      | 99.9  | 81.9          | 44.8                    | 145.3    | 123.9                     | 135.8        |
| SET.      | 118.0 | 72.3          | 63.0                    | 149.0    | 123.8                     | 144.1        |
| OCT.      | 124.4 | 42.6          | 70.9                    | 151.1    | 125.4                     | 143.9        |
| NOV.      | 128.4 | 65.1          | 74.0                    | 151.6    | 125.4                     | 145.6        |
| DIC.      | 134.3 | 48.7          | 81.9                    | 157.1    | 125.2                     | 141.4        |
| 2017 ENE. | 111.9 | 33.7          | 61.1                    | 157.3    | 123.7                     | 126.1        |
| FEB.      | 91.5  | 35.6          | 37.5                    | 155.1    | 125.0                     | 127.9        |
| MAR.      | 88.8  | 46.6          | 34.1                    | 153.8    | 125.2                     | 128.0        |
| ABR.      | 88.4  | 42.1          | 31.5                    | 153.4    | 123.9                     | 137.2        |
| MAY.      | 87.8  | 37.0          | 29.6                    | 150.9    | 121.7                     | 143.8        |
| JUN.      | 91.5  | 36.5          | 31.8                    | 150.7    | 121.2                     | 151.8        |
| JUL.      | 97.6  | 30.3          | 38.5                    | 151.5    | 122.8                     | 153.2        |
| AGO.      | 101.1 | 32.4          | 44.8                    | 151.6    | 122.4                     | 145.1        |
| SET.      | 101.6 | 47.1          | 44.0                    | 154.0    | 125.3                     | 145.9        |
| OCT.      | 121.1 | 31.0          | 65.5                    | 153.7    | 126.1                     | 152.4        |
| NOV.      | 123.8 | 36.1          | 68.2                    | 154.6    | 126.0                     | 152.6        |
| DIC.      | 124.7 | 34.1          | 68.5                    | 157.6    | 124.8                     | 154.0        |
| 2018 ENE. | 120.8 | 41.3          | 72.2                    | 155.5    | 122.0                     | 125.6        |
| FEB.      | 90.5  | 36.5          | 37.7                    | 154.0    | 126.3                     | 125.3        |
| MAR.      | 86.9  | 41.6          | 30.6                    | 158.2    | 125.8                     | 133.1        |
| ABR.      | 85.7  | 34.1          | 27.7                    | 158.8    | 126.3                     | 139.1        |
| MAY.      | 88.0  | 35.9          | 28.0                    | 156.1    | 127.0                     | 148.7        |
| JUN.      | 93.3  | 52.0          | 32.7                    | 154.1    | 127.8                     | 152.6        |
| JUL.      | 103.6 | 42.7          | 45.3                    | 154.1    | 128.4                     | 152.2        |
| AGO.      | 107.5 | 61.4          | 53.1                    | 154.3    | 128.2                     | 138.2        |
| SET.      | 125.0 | 61.3          | 72.2                    | 155.7    | 126.6                     | 142.7        |
| OCT.      | 136.4 | 46.8          | 83.5                    | 156.8    | 126.7                     | 151.4        |
| NOV.      | 132.5 | 69.9          | 77.3                    | 158.7    | 123.7                     | 153.3        |
| DIC.      | 140.6 | 64.1          | 86.6                    | 161.9    | 122.1                     | 153.3        |
| 2019 ENE. | 129.4 | 27.1          | 81.7                    | 158.1    | 120.1                     | 133.0        |
| FEB.      | 88.9  | 49.0          | 32.7                    | 156.9    | 119.5                     | 136.4        |
| MAR.      | 88.0  | 55.7          | 30.6                    | 157.5    | 120.1                     | 138.7        |
| ABR.      | 90.3  | 28.8          | 32.4                    | 157.0    | 119.7                     | 146.1        |
| MAY.      | 92.6  | 27.7          | 30.8                    | 154.5    | 118.6                     | 162.0        |
| JUN.      | 96.1  | 29.0          | 34.9                    | 153.6    | 119.4                     | 162.5        |
| JUL.      | 103.1 | 37.5          | 41.8                    | 154.1    | 119.0                     | 165.8        |
| AGO.      | 109.6 | 39.6          | 53.5                    | 153.9    | 120.3                     | 152.6        |
| SET.      | 121.8 | 62.6          | 66.9                    | 155.3    | 119.6                     | 151.6        |
| OCT.      | 138.8 | 124.9         | 79.9                    | 154.9    | 121.2                     | 165.3        |
| NOV. P/   | 148.2 | 172.8         | 88.6                    | 154.4    | 119.2                     | 165.9        |

**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 PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| 1998 OCT. | -2.7               | 11.2             | -7.1                       | -5.4     | -7.2                         | 0.3             | -4.1                        | -18.7            | -6.2                       | -3.7     | -4.9                         | -2.0            |
| NOV.      | -6.4               | -5.1             | -8.9                       | -10.8    | -7.8                         | -2.4            | -5.1                        | -21.8            | -7.2                       | -5.2     | -4.7                         | -2.2            |
| DIC.      | -7.8               | -52.1            | -4.7                       | -10.7    | -9.8                         | -3.1            | -5.3                        | -25.0            | -6.9                       | -5.8     | -5.0                         | -2.2            |
| 1999 ENE. | -7.1               | -53.4            | 4.9                        | -10.3    | -11.0                        | -4.2            | -7.1                        | -53.4            | 4.9                        | -10.3    | -11.0                        | -4.2            |
| FEB.      | -4.1               | -19.2            | 6.5                        | -7.3     | -3.9                         | -6.3            | -5.6                        | -40.8            | 5.7                        | -8.8     | -7.5                         | -5.2            |
| MAR.      | -3.1               | -19.5            | 8.3                        | -5.5     | -2.5                         | -5.8            | -4.8                        | -35.2            | 6.5                        | -7.8     | -5.9                         | -5.4            |
| ABR.      | -5.0               | -19.8            | 2.0                        | -4.8     | -5.4                         | -7.3            | -4.9                        | -31.9            | 5.4                        | -7.0     | -5.8                         | -5.9            |
| MAY.      | -4.0               | 46.4             | 5.7                        | -8.4     | -9.7                         | -6.6            | -4.7                        | -17.7            | 5.5                        | -7.3     | -6.6                         | -6.0            |
| JUN.      | -3.9               | 82.5             | 3.6                        | -8.5     | -8.5                         | -7.6            | -4.6                        | -2.7             | 5.2                        | -7.5     | -6.9                         | -6.3            |
| JUL.      | -8.7               | -21.9            | 0.5                        | -10.9    | -8.2                         | -9.5            | -5.2                        | -6.1             | 4.5                        | -8.0     | -7.1                         | -6.8            |
| AGO.      | -10.5              | -12.9            | -5.4                       | -13.3    | -11.1                        | -10.6           | -5.8                        | -7.1             | 3.3                        | -8.6     | -7.6                         | -7.3            |
| SET.      | -9.1               | 1.6              | -1.7                       | -14.9    | -11.3                        | -8.9            | -6.2                        | -6.0             | 2.7                        | -9.3     | -8.0                         | -7.5            |
| OCT.      | -8.7               | -19.2            | 1.7                        | -15.7    | -8.4                         | -8.0            | -6.5                        | -7.8             | 2.6                        | -9.9     | -8.1                         | -7.5            |
| NOV.      | -7.3               | -4.5             | 0.3                        | -14.2    | -6.9                         | -7.1            | -6.5                        | -7.4             | 2.4                        | -10.3    | -8.0                         | -7.5            |
| DIC.      | -7.0               | 9.8              | 1.3                        | -15.2    | -6.0                         | -5.5            | -6.6                        | -6.5             | 2.3                        | -10.7    | -7.8                         | -7.3            |
| 2000 ENE. | -7.0               | 26.0             | -5.8                       | -15.2    | -4.3                         | -4.7            | -7.0                        | 26.0             | -5.8                       | -15.2    | -4.3                         | -4.7            |
| FEB.      | -7.8               | 23.4             | -5.1                       | -16.5    | -6.0                         | -5.2            | -7.4                        | 24.7             | -5.5                       | -15.8    | -5.2                         | -5.0            |
| MAR.      | -9.9               | 15.9             | -13.9                      | -18.6    | -7.7                         | -4.7            | -8.3                        | 21.8             | -8.3                       | -16.8    | -6.0                         | -4.9            |
| ABR.      | -7.7               | 13.3             | -8.8                       | -17.8    | -3.1                         | -3.2            | -8.1                        | 19.7             | -8.4                       | -17.0    | -5.3                         | -4.5            |
| MAY.      | -6.0               | -10.9            | -11.5                      | -17.1    | -1.0                         | 1.5             | -7.7                        | 9.8              | -9.0                       | -17.0    | -4.5                         | -3.3            |
| JUN.      | -6.9               | -44.9            | -8.3                       | -14.6    | 1.6                          | -0.1            | -7.6                        | -5.6             | -8.9                       | -16.7    | -3.5                         | -2.7            |
| JUL.      | -1.0               | 114.4            | -4.4                       | -13.0    | -0.2                         | 1.6             | -6.6                        | 12.1             | -8.3                       | -16.2    | -3.0                         | -2.1            |
| AGO.      | -0.1               | 261.0            | -0.2                       | -12.1    | -2.1                         | 0.6             | -5.8                        | 46.0             | -7.4                       | -15.7    | -2.9                         | -1.8            |
| SET.      | -1.5               | 265.5            | -4.3                       | -9.6     | -3.8                         | -1.8            | -5.4                        | 75.7             | -7.0                       | -15.1    | -3.0                         | -1.8            |
| OCT.      | -1.6               | 280.4            | -10.9                      | -10.5    | -1.1                         | -0.1            | -5.0                        | 100.3            | -7.4                       | -14.7    | -2.8                         | -1.6            |
| NOV.      | -3.4               | 114.3            | -9.2                       | -9.0     | -2.0                         | -0.3            | -4.9                        | 102.0            | -7.6                       | -14.2    | -2.8                         | -1.5            |
| DIC.      | -4.0               | 39.8             | -13.6                      | -10.7    | -4.8                         | 0.6             | -4.8                        | 98.0             | -8.1                       | -13.9    | -2.9                         | -1.3            |
| 2001 ENE. | -4.8               | 347.2            | -11.8                      | -13.7    | -7.5                         | -3.0            | -4.8                        | 347.2            | -11.8                      | -13.7    | -7.5                         | -3.0            |
| FEB.      | -3.4               | 391.8            | -11.1                      | -11.8    | -7.1                         | -2.2            | -4.1                        | 369.2            | -11.5                      | -12.8    | -7.3                         | -2.6            |
| MAR.      | -1.4               | 428.5            | 0.6                        | -11.8    | -5.3                         | -2.6            | -3.2                        | 387.7            | -7.7                       | -12.5    | -6.6                         | -2.6            |
| ABR.      | 0.0                | 413.0            | -2.9                       | -13.5    | -7.2                         | 2.7             | -2.4                        | 393.7            | -6.5                       | -12.7    | -6.8                         | -1.3            |
| MAY.      | -3.5               | 172.3            | 0.6                        | -14.2    | -4.8                         | -2.1            | -2.6                        | 335.5            | -5.2                       | -13.0    | -6.4                         | -1.4            |
| JUN.      | -2.3               | 310.7            | 0.2                        | -12.3    | -8.3                         | -2.2            | -2.6                        | 331.4            | -4.3                       | -12.9    | -6.7                         | -1.6            |
| JUL.      | -6.1               | 64.5             | 6.9                        | -15.6    | -9.0                         | -4.4            | -3.1                        | 256.0            | -2.7                       | -13.3    | -7.0                         | -2.0            |
| AGO.      | -2.2               | 57.2             | 9.6                        | -13.9    | -8.2                         | -2.8            | -3.0                        | 189.1            | -1.2                       | -13.3    | -7.2                         | -2.1            |
| SET.      | -2.7               | 29.7             | 9.7                        | -14.9    | -8.5                         | -1.9            | -3.0                        | 144.2            | 0.0                        | -13.5    | -7.3                         | -2.1            |
| OCT.      | -3.6               | 2.5              | 10.8                       | -13.2    | -10.3                        | -1.9            | -3.0                        | 111.9            | 1.0                        | -13.5    | -7.6                         | -2.1            |
| NOV.      | -6.6               | -47.7            | 2.3                        | -13.8    | -10.1                        | -0.2            | -3.4                        | 91.4             | 1.2                        | -13.5    | -7.8                         | -1.9            |
| DIC.      | -0.6               | 161.6            | 3.4                        | -8.4     | -6.1                         | -1.5            | -3.1                        | 94.6             | 1.3                        | -13.1    | -7.7                         | -1.9            |
| 2002 ENE. | -3.4               | -32.3            | 2.6                        | -8.4     | -3.5                         | -0.9            | -3.4                        | -32.3            | 2.6                        | -8.4     | -3.5                         | -0.9            |
| FEB.      | -1.2               | -19.4            | -2.3                       | -6.4     | -6.0                         | 1.0             | -2.3                        | -25.6            | 0.2                        | -7.4     | -4.8                         | 0.0             |
| MAR.      | -0.2               | -15.7            | -0.2                       | -4.1     | -7.9                         | 1.2             | -1.6                        | -22.3            | 0.0                        | -6.3     | -5.8                         | 0.4             |
| ABR.      | -1.5               | -33.6            | 1.1                        | -2.8     | -8.1                         | -0.1            | -1.6                        | -25.0            | 0.3                        | -5.4     | -6.4                         | 0.3             |
| MAY.      | -1.2               | -45.0            | -0.9                       | 0.7      | -10.5                        | 2.6             | -1.5                        | -28.3            | 0.1                        | -4.3     | -7.2                         | 0.7             |
| JUN.      | -1.4               | -52.1            | -6.7                       | 1.2      | -6.6                         | 3.4             | -1.5                        | -32.0            | -1.1                       | -3.4     | -7.1                         | 1.2             |
| JUL.      | 1.2                | -39.6            | -4.8                       | 6.4      | -7.2                         | 4.5             | -1.1                        | -33.0            | -1.7                       | -2.1     | -7.1                         | 1.7             |
| AGO.      | -2.2               | -61.2            | -1.3                       | 4.0      | -7.2                         | 3.5             | -1.2                        | -38.2            | -1.6                       | -1.3     | -7.1                         | 1.9             |
| SET.      | -1.3               | -59.3            | 6.5                        | 7.9      | -4.6                         | 1.1             | -1.2                        | -41.3            | -0.7                       | -0.3     | -6.9                         | 1.8             |
| OCT.      | -0.3               | -56.7            | -1.3                       | 10.8     | -5.9                         | 2.8             | -1.1                        | -43.0            | -0.7                       | 0.7      | -6.8                         | 1.9             |
| NOV.      | 4.9                | 23.4             | 5.1                        | 11.4     | -5.1                         | 2.3             | -0.6                        | -40.7            | -0.2                       | 1.7      | -6.6                         | 2.0             |
| DIC.      | 1.2                | -13.5            | -0.3                       | 8.5      | -7.6                         | 1.8             | -0.5                        | -39.0            | -0.2                       | 2.2      | -6.7                         | 1.9             |
| 2003 ENE. | 0.8                | -8.0             | 0.0                        | 9.2      | -10.1                        | 0.4             | 0.8                         | -8.0             | 0.0                        | 9.2      | -10.1                        | 0.4             |
| FEB.      | -4.8               | -43.4            | 1.2                        | 11.3     | -9.7                         | -4.8            | -2.0                        | -27.9            | 0.6                        | 10.2     | -9.9                         | -2.2            |
| MAR.      | -4.5               | -50.9            | -3.2                       | 9.8      | -4.1                         | -2.1            | -2.9                        | -36.3            | -0.7                       | 10.1     | -8.0                         | -2.2            |
| ABR.      | -1.8               | -35.5            | 3.4                        | 12.7     | -7.1                         | -2.2            | -2.6                        | -36.1            | 0.3                        | 10.8     | -7.8                         | -2.2            |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| MAY.      | 2.2                | -13.7            | 4.1                        | 10.5     | -5.0                         | 2.3             | -1.6                        | -33.3            | 1.1                        | 10.7     | -7.2                         | -1.2            |
| JUN.      | 2.1                | -17.8            | 2.8                        | 11.1     | -3.7                         | 2.4             | -1.0                        | -31.6            | 1.4                        | 10.8     | -6.6                         | -0.6            |
| JUL.      | 0.7                | -24.6            | -5.3                       | 10.0     | 6.1                          | 1.7             | -0.7                        | -30.8            | 0.4                        | 10.7     | -4.8                         | -0.2            |
| AGO.      | -1.1               | -26.1            | -0.9                       | 9.3      | 6.7                          | -2.4            | -0.8                        | -30.2            | 0.2                        | 10.5     | -3.4                         | -0.5            |
| SET.      | 0.9                | -23.8            | -7.7                       | 5.2      | 6.7                          | 4.1             | -0.6                        | -29.6            | -0.8                       | 9.9      | -2.3                         | 0.0             |
| OCT.      | 2.7                | -7.4             | -0.7                       | 2.3      | 11.1                         | 3.8             | -0.3                        | -27.7            | -0.8                       | 9.1      | -1.0                         | 0.4             |
| NOV.      | 2.8                | -5.8             | -4.2                       | 3.6      | 11.4                         | 4.3             | 0.0                         | -26.1            | -1.1                       | 8.5      | 0.1                          | 0.8             |
| DIC.      | 2.0                | -26.6            | 0.3                        | 3.0      | 10.0                         | 4.4             | 0.2                         | -26.2            | -1.0                       | 8.1      | 0.9                          | 1.1             |
| 2004 ENE. | 3.2                | -26.2            | 0.8                        | 4.7      | 15.9                         | 4.7             | 3.2                         | -26.2            | 0.8                        | 4.7      | 15.9                         | 4.7             |
| FEB.      | 5.2                | -20.3            | 1.6                        | 2.4      | 18.4                         | 7.2             | 4.2                         | -23.6            | 1.2                        | 3.5      | 17.2                         | 5.9             |
| MAR.      | 6.8                | 6.3              | 6.9                        | -1.0     | 18.3                         | 7.4             | 5.1                         | -15.2            | 3.1                        | 2.0      | 17.6                         | 6.4             |
| ABR.      | 5.5                | 16.2             | 1.1                        | -1.3     | 25.9                         | 4.9             | 5.2                         | -8.3             | 2.6                        | 1.1      | 19.6                         | 6.0             |
| MAY.      | 6.2                | 22.5             | 2.4                        | 2.0      | 25.5                         | 5.0             | 5.4                         | -3.2             | 2.5                        | 1.3      | 20.8                         | 5.8             |
| JUN.      | 8.8                | 32.7             | 14.3                       | 1.8      | 21.2                         | 7.1             | 6.0                         | 1.5              | 4.5                        | 1.4      | 20.9                         | 6.0             |
| JUL.      | 8.4                | 24.0             | 19.6                       | -0.8     | 10.2                         | 7.8             | 6.3                         | 4.4              | 6.6                        | 1.1      | 19.2                         | 6.3             |
| AGO.      | 15.5               | 21.9             | 41.1                       | 2.4      | 10.8                         | 13.2            | 7.5                         | 6.5              | 11.3                       | 1.3      | 18.1                         | 7.2             |
| SET.      | 12.0               | 23.6             | 38.8                       | 4.9      | 12.9                         | 6.1             | 8.0                         | 8.5              | 14.6                       | 1.7      | 17.4                         | 7.1             |
| OCT.      | 11.5               | 18.1             | 43.7                       | 6.1      | 10.2                         | 5.1             | 8.4                         | 9.5              | 17.6                       | 2.1      | 16.7                         | 6.9             |
| NOV.      | 10.9               | 13.9             | 37.2                       | 5.2      | 9.2                          | 6.7             | 8.7                         | 9.9              | 19.3                       | 2.4      | 15.9                         | 6.8             |
| DIC.      | 12.0               | 15.8             | 43.6                       | 5.8      | 10.9                         | 6.6             | 8.9                         | 10.4             | 21.3                       | 2.7      | 15.5                         | 6.8             |
| 2005 ENE. | 14.6               | 16.0             | 65.3                       | 7.5      | 4.3                          | 5.0             | 14.6                        | 16.0             | 65.3                       | 7.5      | 4.3                          | 5.0             |
| FEB.      | 14.1               | 14.3             | 66.3                       | 7.4      | 1.8                          | 4.3             | 14.4                        | 15.2             | 65.8                       | 7.4      | 3.1                          | 4.6             |
| MAR.      | 10.3               | -5.9             | 47.3                       | 10.8     | -5.5                         | 4.5             | 13.0                        | 7.8              | 59.4                       | 8.5      | 0.1                          | 4.6             |
| ABR.      | 10.7               | -14.4            | 52.5                       | 8.4      | -10.1                        | 6.6             | 12.4                        | 1.6              | 57.6                       | 8.5      | -2.5                         | 5.1             |
| MAY.      | 8.8                | -6.6             | 44.6                       | 4.8      | -11.2                        | 6.7             | 11.7                        | -0.1             | 54.9                       | 7.8      | -4.3                         | 5.5             |
| JUN.      | 8.0                | 8.4              | 32.1                       | 5.5      | -7.9                         | 6.6             | 11.0                        | 1.3              | 50.8                       | 7.4      | -5.0                         | 5.7             |
| JUL.      | 8.9                | 9.3              | 29.5                       | 9.0      | -7.3                         | 6.9             | 10.7                        | 2.6              | 47.4                       | 7.6      | -5.3                         | 5.9             |
| AGO.      | 3.4                | 17.2             | 7.4                        | 5.7      | -5.5                         | 2.1             | 9.7                         | 4.6              | 40.5                       | 7.3      | -5.3                         | 5.4             |
| SET.      | 5.1                | 9.0              | 13.2                       | 4.1      | -5.9                         | 4.5             | 9.1                         | 5.2              | 36.6                       | 7.0      | -5.4                         | 5.3             |
| OCT.      | 4.4                | 7.4              | 4.0                        | 6.2      | -5.9                         | 6.6             | 8.6                         | 5.4              | 32.5                       | 6.9      | -5.4                         | 5.4             |
| NOV.      | 6.1                | 6.3              | 15.9                       | 6.6      | -5.1                         | 6.0             | 8.4                         | 5.5              | 30.8                       | 6.9      | -5.4                         | 5.5             |
| DIC.      | 10.2               | 9.8              | 28.1                       | 7.0      | -3.0                         | 7.8             | 8.5                         | 5.9              | 30.5                       | 6.9      | -5.2                         | 5.7             |
| 2006 ENE. | 4.5                | -0.9             | 3.3                        | 5.3      | 1.5                          | 5.6             | 4.5                         | -0.9             | 3.3                        | 5.3      | 1.5                          | 5.6             |
| FEB.      | 5.0                | 25.2             | -2.6                       | 6.5      | 0.3                          | 7.5             | 4.7                         | 11.0             | 0.3                        | 5.9      | 0.9                          | 6.5             |
| MAR.      | 6.4                | 27.2             | 4.1                        | 8.0      | 4.3                          | 5.3             | 5.3                         | 16.0             | 1.5                        | 6.6      | 2.0                          | 6.1             |
| ABR.      | 9.6                | 33.7             | 8.6                        | 7.6      | 9.7                          | 9.1             | 6.4                         | 20.2             | 3.3                        | 6.9      | 3.8                          | 6.9             |
| MAY.      | 8.7                | 28.9             | 8.9                        | 9.4      | 9.8                          | 6.6             | 6.9                         | 21.8             | 4.4                        | 7.4      | 5.0                          | 6.8             |
| JUN.      | 8.3                | 6.6              | 13.9                       | 10.8     | -6.8                         | 6.9             | 7.1                         | 19.0             | 5.9                        | 8.0      | 3.0                          | 6.9             |
| JUL.      | 6.1                | 2.1              | 4.5                        | 8.8      | -2.2                         | 7.1             | 7.0                         | 16.3             | 5.7                        | 8.1      | 2.3                          | 6.9             |
| AGO.      | 7.4                | -3.1             | 6.4                        | 9.4      | -1.6                         | 9.5             | 7.0                         | 13.3             | 5.8                        | 8.2      | 1.8                          | 7.2             |
| SET.      | 9.6                | -1.5             | 6.1                        | 9.1      | 0.4                          | 14.2            | 7.3                         | 11.3             | 5.8                        | 8.3      | 1.6                          | 8.0             |
| OCT.      | 10.6               | 6.3              | 17.0                       | 6.4      | -1.1                         | 11.5            | 7.7                         | 10.7             | 6.9                        | 8.1      | 1.3                          | 8.4             |
| NOV.      | 12.3               | 15.9             | 20.8                       | 7.2      | -3.6                         | 12.3            | 8.1                         | 11.2             | 8.2                        | 8.0      | 0.9                          | 8.8             |
| DIC.      | 10.0               | 11.8             | 9.9                        | 9.7      | -3.2                         | 11.6            | 8.3                         | 11.3             | 8.4                        | 8.2      | 0.5                          | 9.0             |
| 2007 ENE. | 9.2                | -8.5             | 1.6                        | 11.3     | -4.4                         | 16.1            | 9.2                         | -8.5             | 1.6                        | 11.3     | -4.4                         | 16.1            |
| FEB.      | 9.5                | 10.8             | 15.8                       | 11.5     | -3.5                         | 7.0             | 9.3                         | 1.5              | 8.5                        | 11.4     | -4.0                         | 11.6            |
| MAR.      | 11.9               | 11.1             | 16.4                       | 14.7     | -3.0                         | 10.5            | 10.2                        | 4.7              | 11.0                       | 12.5     | -3.7                         | 11.2            |
| ABR.      | 9.0                | 8.4              | 6.0                        | 16.2     | -4.5                         | 9.5             | 9.8                         | 5.7              | 9.7                        | 13.5     | -3.9                         | 10.7            |
| MAY.      | 12.7               | 10.0             | 22.0                       | 13.1     | -4.6                         | 11.0            | 10.5                        | 6.6              | 12.2                       | 13.4     | -4.0                         | 10.8            |
| JUN.      | 11.5               | -7.3             | 23.8                       | 9.5      | 10.2                         | 8.6             | 10.6                        | 4.3              | 14.2                       | 12.7     | -1.8                         | 10.4            |
| JUL.      | 12.8               | 24.5             | 25.8                       | 11.6     | 1.4                          | 8.1             | 11.0                        | 7.2              | 15.8                       | 12.6     | -1.4                         | 10.0            |
| AGO.      | 12.1               | 17.4             | 25.6                       | 13.1     | 0.5                          | 6.5             | 11.1                        | 8.5              | 17.1                       | 12.6     | -1.2                         | 9.6             |
| SET.      | 7.6                | 18.8             | 20.7                       | 14.0     | -0.2                         | -0.9            | 10.7                        | 9.7              | 17.5                       | 12.8     | -1.1                         | 8.3             |
| OCT.      | 14.0               | 13.0             | 32.9                       | 14.9     | 1.7                          | 6.4             | 11.0                        | 10.1             | 19.2                       | 13.0     | -0.8                         | 8.1             |
| NOV.      | 12.0               | 11.1             | 22.3                       | 15.1     | 4.6                          | 7.2             | 11.1                        | 10.2             | 19.5                       | 13.2     | -0.3                         | 8.0             |

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

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |      |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |      |
| 2008      | DIC.               | 10.9          | 5.3                     | 18.5     | 13.0                      | 9.5          | 7.3                         | 11.1          | 9.7                     | 19.4     | 13.2                      | 0.5          | 7.9  |
|           | ENE.               | 9.8           | 17.0                    | 24.0     | 11.7                      | 9.4          | 1.6                         | 9.8           | 17.0                    | 24.0     | 11.7                      | 9.4          | 1.6  |
|           | FEB.               | 8.3           | 11.9                    | 8.1      | 11.2                      | 9.6          | 6.6                         | 9.0           | 14.1                    | 15.8     | 11.4                      | 9.5          | 4.0  |
|           | MAR.               | 10.1          | 13.2                    | 10.8     | 9.4                       | 12.3         | 9.7                         | 9.4           | 13.8                    | 14.1     | 10.7                      | 10.4         | 5.9  |
|           | ABR.               | 9.3           | 16.0                    | 11.7     | 8.8                       | 10.6         | 7.9                         | 9.4           | 14.4                    | 13.5     | 10.2                      | 10.5         | 6.4  |
|           | MAY.               | 7.5           | 20.1                    | 4.7      | 9.9                       | 13.3         | 6.4                         | 9.0           | 15.6                    | 11.6     | 10.2                      | 11.0         | 6.4  |
|           | JUN.               | 7.8           | 53.5                    | 2.4      | 12.7                      | 14.5         | 5.1                         | 8.8           | 21.2                    | 9.9      | 10.6                      | 11.6         | 6.2  |
|           | JUL.               | 10.1          | 18.9                    | 13.3     | 12.1                      | 22.1         | 5.8                         | 9.0           | 20.8                    | 10.4     | 10.8                      | 13.1         | 6.1  |
|           | AGO.               | 16.3          | 22.9                    | 34.0     | 12.6                      | 19.7         | 7.5                         | 9.9           | 21.1                    | 13.7     | 11.0                      | 13.9         | 6.3  |
| 2009      | SET.               | 17.5          | 17.8                    | 34.8     | 13.8                      | 9.3          | 11.0                        | 10.8          | 20.7                    | 16.3     | 11.3                      | 13.4         | 6.8  |
|           | OCT.               | 13.5          | 16.1                    | 21.3     | 14.2                      | 11.0         | 9.4                         | 11.1          | 20.1                    | 16.9     | 11.6                      | 13.2         | 7.1  |
|           | NOV.               | 12.3          | 11.9                    | 24.5     | 13.9                      | 13.0         | 5.4                         | 11.2          | 19.3                    | 17.7     | 11.9                      | 13.1         | 6.9  |
|           | DIC.               | 11.3          | 20.8                    | 21.4     | 14.4                      | 9.1          | 4.4                         | 11.2          | 19.4                    | 18.1     | 12.1                      | 12.8         | 6.7  |
|           | ENE.               | 15.7          | 34.5                    | 22.2     | 13.2                      | 9.5          | 13.0                        | 15.7          | 34.5                    | 22.2     | 13.2                      | 9.5          | 13.0 |
|           | FEB.               | 7.7           | 8.4                     | 7.9      | 12.5                      | 7.2          | 5.1                         | 11.7          | 20.1                    | 15.3     | 12.8                      | 8.3          | 9.1  |
|           | MAR.               | 5.3           | 3.5                     | 2.9      | 12.6                      | 8.4          | 2.8                         | 9.5           | 14.1                    | 11.2     | 12.7                      | 8.4          | 6.9  |
|           | ABR.               | 5.1           | -6.2                    | 5.2      | 10.9                      | 8.0          | 3.2                         | 8.4           | 8.6                     | 9.7      | 12.3                      | 8.3          | 5.9  |
|           | MAY.               | 4.4           | -7.4                    | 3.0      | 10.4                      | 3.0          | 3.7                         | 7.5           | 5.1                     | 8.3      | 11.9                      | 7.2          | 5.4  |
| 2010      | JUN.               | 3.8           | -18.8                   | 3.7      | 7.8                       | 0.4          | 4.9                         | 6.9           | 0.6                     | 7.5      | 11.2                      | 6.0          | 5.3  |
|           | JUL.               | 8.0           | -8.3                    | 19.4     | 7.8                       | -1.4         | 5.0                         | 7.0           | -0.8                    | 9.4      | 10.7                      | 4.9          | 5.3  |
|           | AGO.               | 4.6           | -18.6                   | 4.8      | 5.9                       | -2.0         | 7.6                         | 6.7           | -3.4                    | 8.6      | 10.1                      | 4.0          | 5.6  |
|           | SET.               | 5.3           | -18.3                   | 6.0      | 5.1                       | 4.2          | 7.9                         | 6.5           | -5.3                    | 8.2      | 9.5                       | 4.0          | 5.8  |
|           | OCT.               | 4.2           | -22.1                   | 8.7      | 4.4                       | 3.6          | 4.3                         | 6.3           | -7.2                    | 8.3      | 9.0                       | 4.0          | 5.7  |
|           | NOV.               | 11.3          | -15.9                   | 32.1     | 2.8                       | 2.5          | 5.7                         | 6.8           | -8.0                    | 10.9     | 8.4                       | 3.8          | 5.7  |
|           | DIC.               | 8.5           | -19.0                   | 22.7     | 2.9                       | 1.5          | 6.2                         | 6.9           | -9.0                    | 12.1     | 7.9                       | 3.6          | 5.7  |
|           | ENE.               | 6.6           | -24.9                   | 27.9     | 3.7                       | 1.2          | -0.7                        | 6.6           | -24.9                   | 27.9     | 3.7                       | 1.2          | -0.7 |
|           | FEB.               | 5.1           | -19.9                   | -2.0     | 4.3                       | 7.5          | 10.5                        | 5.9           | -22.4                   | 14.4     | 4.0                       | 4.4          | 4.6  |
| 2011      | MAR.               | 4.0           | -31.7                   | 3.0      | 3.8                       | 3.6          | 7.7                         | 5.3           | -25.4                   | 10.9     | 3.9                       | 4.1          | 5.6  |
|           | ABR.               | 1.9           | -26.9                   | -6.0     | 3.6                       | 6.8          | 5.9                         | 4.4           | -25.8                   | 6.9      | 3.8                       | 4.8          | 5.7  |
|           | MAY.               | 6.1           | -35.3                   | 7.5      | 5.5                       | 9.5          | 8.5                         | 4.7           | -27.6                   | 7.0      | 4.2                       | 5.7          | 6.3  |
|           | JUN.               | 8.3           | -28.1                   | 12.6     | 7.3                       | 10.0         | 8.8                         | 5.4           | -27.7                   | 7.9      | 4.7                       | 6.4          | 6.8  |
|           | JUL.               | 4.6           | -30.1                   | -1.9     | 8.9                       | 11.0         | 7.9                         | 5.2           | -28.1                   | 6.2      | 5.3                       | 7.1          | 6.9  |
|           | AGO.               | 9.9           | -23.5                   | 20.9     | 9.3                       | 11.6         | 2.4                         | 5.9           | -27.5                   | 8.6      | 5.8                       | 7.6          | 6.3  |
|           | SET.               | 14.8          | -6.9                    | 36.1     | 7.7                       | 11.5         | 1.8                         | 7.0           | -25.3                   | 12.4     | 6.0                       | 8.0          | 5.8  |
|           | OCT.               | 19.0          | -7.7                    | 48.1     | 8.4                       | 9.5          | 3.2                         | 8.3           | -23.6                   | 16.9     | 6.2                       | 8.2          | 5.5  |
|           | NOV.               | 10.1          | 27.7                    | 12.4     | 8.8                       | 7.4          | 2.5                         | 8.5           | -19.1                   | 16.3     | 6.5                       | 8.1          | 5.2  |
| 2012      | DIC.               | 23.5          | -4.8                    | 43.9     | 29.7                      | 11.1         | 3.8                         | 9.9           | -18.0                   | 19.3     | 8.5                       | 8.4          | 5.1  |
|           | ENE.               | 18.6          | 16.2                    | 18.3     | 30.3                      | 13.4         | 7.0                         | 18.6          | 16.2                    | 18.3     | 30.3                      | 13.4         | 7.0  |
|           | FEB.               | 23.3          | 7.7                     | 57.6     | 28.8                      | 9.6          | 3.0                         | 20.8          | 11.8                    | 33.5     | 29.5                      | 11.4         | 5.0  |
|           | MAR.               | 16.6          | 10.0                    | 24.1     | 27.3                      | 8.7          | 6.0                         | 19.4          | 11.3                    | 30.8     | 28.8                      | 10.5         | 5.3  |
|           | ABR.               | 20.2          | 9.5                     | 35.1     | 26.1                      | 8.6          | 10.8                        | 19.6          | 10.9                    | 31.7     | 28.1                      | 10.0         | 6.8  |
|           | MAY.               | 13.5          | -5.9                    | 19.5     | 25.4                      | 10.9         | 5.0                         | 18.3          | 8.0                     | 29.3     | 27.6                      | 10.2         | 6.4  |
|           | JUN.               | 12.3          | -10.6                   | 16.9     | 25.5                      | 14.1         | 3.8                         | 17.3          | 5.2                     | 27.2     | 27.2                      | 10.9         | 5.9  |
|           | JUL.               | 12.8          | -16.3                   | 19.0     | 25.1                      | 16.8         | 3.8                         | 16.6          | 2.1                     | 25.9     | 26.9                      | 11.7         | 5.6  |
|           | AGO.               | 15.4          | 3.5                     | 24.7     | 24.1                      | 17.3         | 2.9                         | 16.4          | 2.2                     | 25.7     | 26.6                      | 12.5         | 5.2  |
| 2012      | SET.               | 25.1          | 9.2                     | 47.7     | 25.3                      | 16.9         | 5.3                         | 17.6          | 3.2                     | 29.4     | 26.4                      | 13.0         | 5.2  |
|           | OCT.               | 14.7          | 23.8                    | 20.1     | 24.0                      | 18.8         | 2.2                         | 17.2          | 5.5                     | 27.9     | 26.2                      | 13.5         | 4.9  |
|           | NOV.               | 17.7          | -12.8                   | 32.2     | 25.3                      | 19.6         | 3.9                         | 17.3          | 3.0                     | 28.5     | 26.1                      | 14.1         | 4.8  |
|           | DIC.               | 7.7           | 7.6                     | 12.8     | 5.1                       | 15.3         | 2.8                         | 16.3          | 3.4                     | 26.4     | 24.0                      | 14.2         | 4.6  |
|           | ENE.               | -3.1          | -21.2                   | -12.0    | 5.0                       | 12.3         | -0.3                        | -3.1          | -21.2                   | -12.0    | 5.0                       | 12.3         | -0.3 |
|           | FEB.               | 3.1           | -25.3                   | 3.8      | 5.9                       | 14.6         | 2.1                         | -0.1          | -23.2                   | -4.8     | 5.5                       | 13.4         | 0.9  |
|           | MAR.               | 4.4           | -7.4                    | 5.5      | 6.7                       | 15.1         | 1.6                         | 1.3           | -18.6                   | -2.0     | 5.9                       | 14.0         | 1.1  |
|           | ABR.               | -0.8          | -27.3                   | -8.9     | 9.0                       | 14.4         | -1.5                        | 0.8           | -20.6                   | -3.5     | 6.6                       | 14.1         | 0.4  |
|           | MAY.               | -1.0          | -16.1                   | -15.9    | 10.0                      | 14.4         | 0.4                         | 0.4           | -19.9                   | -5.8     | 7.3                       | 14.2         | 0.4  |
| JUN.      | 1.7                | -8.8          | -5.9                    | 9.0      | 9.5                       | 1.5          | 0.7                         | -18.5         | -5.8                    | 7.6      | 13.3                      | 0.6          |      |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| JUL.      | 3.8                | 8.8              | -0.7                       | 7.7      | 10.7                         | 2.9             | 1.1                         | -15.2            | -5.0                       | 7.6      | 12.9                         | 0.9             |
| AGO.      | 2.8                | 23.5             | -10.3                      | 9.1      | 10.9                         | 8.2             | 1.4                         | -10.1            | -6.0                       | 7.8      | 12.7                         | 1.9             |
| SET.      | -6.2               | 2.3              | -26.1                      | 9.9      | 10.3                         | 6.3             | 0.3                         | -8.4             | -9.8                       | 8.0      | 12.4                         | 2.4             |
| OCT.      | 3.2                | -21.1            | -0.8                       | 8.9      | 8.3                          | 6.5             | 0.6                         | -10.1            | -8.5                       | 8.1      | 12.0                         | 2.8             |
| NOV.      | 8.7                | -22.6            | 14.2                       | 8.6      | 9.3                          | 5.7             | 1.5                         | -11.5            | -5.5                       | 8.2      | 11.7                         | 3.1             |
| DIC.      | 4.9                | -10.5            | 3.4                        | 7.5      | 8.9                          | 5.8             | 1.8                         | -11.4            | -4.5                       | 8.1      | 11.5                         | 3.3             |
| 2013 ENE. | 5.2                | -25.2            | 1.1                        | 5.1      | 7.9                          | 11.3            | 5.2                         | -25.2            | 1.1                        | 5.1      | 7.9                          | 11.3            |
| FEB.      | 6.5                | 5.4              | 5.2                        | 4.0      | 2.9                          | 9.6             | 5.9                         | -10.5            | 3.1                        | 4.6      | 5.3                          | 10.5            |
| MAR.      | 3.9                | -23.1            | 2.9                        | 3.3      | 3.7                          | 7.8             | 5.2                         | -14.7            | 3.1                        | 4.1      | 4.8                          | 9.6             |
| ABR.      | 9.0                | -8.7             | 14.5                       | 3.8      | 2.4                          | 11.9            | 6.2                         | -13.4            | 5.4                        | 4.1      | 4.2                          | 10.2            |
| MAY.      | 6.0                | -3.2             | 0.2                        | 3.9      | 0.6                          | 11.8            | 6.1                         | -11.8            | 4.5                        | 4.0      | 3.5                          | 10.5            |
| JUN.      | 1.6                | -2.7             | -19.7                      | 1.5      | 0.3                          | 14.6            | 5.3                         | -10.5            | 0.7                        | 3.6      | 2.9                          | 11.3            |
| JUL.      | 1.9                | -6.3             | -15.3                      | 1.8      | -5.9                         | 15.5            | 4.8                         | -9.9             | -1.8                       | 3.3      | 1.6                          | 11.9            |
| AGO.      | 1.3                | -26.5            | -7.7                       | 0.2      | -8.6                         | 15.3            | 4.3                         | -12.9            | -2.8                       | 2.9      | 0.3                          | 12.4            |
| SET.      | 3.3                | -23.0            | 4.8                        | -0.9     | -8.3                         | 10.0            | 4.2                         | -14.5            | -1.6                       | 2.5      | -0.7                         | 12.1            |
| OCT.      | -2.7               | -17.9            | -14.8                      | -0.4     | -7.7                         | 12.5            | 3.4                         | -14.9            | -3.7                       | 2.2      | -1.4                         | 12.1            |
| NOV.      | -8.1               | -7.3             | -26.7                      | -1.7     | -8.7                         | 12.5            | 2.0                         | -14.1            | -7.3                       | 1.8      | -2.1                         | 12.2            |
| DIC.      | -5.6               | -6.6             | -22.9                      | -0.3     | -9.5                         | 12.7            | 1.3                         | -13.4            | -9.3                       | 1.7      | -2.8                         | 12.2            |
| 2014 ENE. | 5.1                | 50.0             | -1.4                       | 1.3      | -9.1                         | 11.9            | 5.1                         | 50.0             | -1.4                       | 1.3      | -9.1                         | 11.9            |
| FEB.      | -1.0               | -24.4            | -21.4                      | -0.9     | -6.8                         | 19.6            | 2.1                         | 7.8              | -11.6                      | 0.2      | -7.9                         | 15.7            |
| MAR.      | 5.1                | -0.8             | -4.3                       | -1.3     | -6.6                         | 18.1            | 3.1                         | 5.2              | -9.4                       | -0.3     | -7.5                         | 16.5            |
| ABR.      | 1.8                | -18.1            | -10.2                      | -3.5     | -6.3                         | 14.9            | 2.8                         | 0.1              | -9.6                       | -1.1     | -7.2                         | 16.1            |
| MAY.      | 4.9                | -7.9             | 1.2                        | -4.4     | -5.9                         | 15.0            | 3.2                         | -1.3             | -7.9                       | -1.8     | -6.9                         | 15.8            |
| JUN.      | 6.2                | -2.4             | 7.4                        | -3.1     | -4.5                         | 13.2            | 3.7                         | -1.5             | -6.0                       | -2.0     | -6.5                         | 15.3            |
| JUL.      | -3.6               | 10.6             | -37.6                      | -2.9     | -1.6                         | 11.1            | 2.6                         | 0.5              | -10.2                      | -2.1     | -5.9                         | 14.7            |
| AGO.      | -6.9               | -4.2             | -46.9                      | -2.9     | 1.9                          | 12.1            | 1.3                         | -0.2             | -16.1                      | -2.2     | -4.9                         | 14.3            |
| SET.      | -7.6               | -12.6            | -49.7                      | -5.1     | 5.3                          | 16.8            | 0.1                         | -2.0             | -21.8                      | -2.6     | -3.8                         | 14.6            |
| OCT.      | -8.3               | -5.5             | -50.3                      | -6.0     | 6.5                          | 15.1            | -0.8                        | -2.4             | -25.9                      | -2.9     | -2.8                         | 14.7            |
| NOV.      | -1.2               | -5.0             | -38.9                      | -5.3     | 10.6                         | 15.3            | -0.9                        | -2.7             | -27.5                      | -3.1     | -1.7                         | 14.7            |
| DIC.      | -2.1               | -15.9            | -39.5                      | -5.0     | 11.3                         | 15.1            | -1.0                        | -4.1             | -28.8                      | -3.3     | -0.6                         | 14.8            |
| 2015 ENE. | -6.5               | -43.8            | -44.5                      | -5.5     | 12.6                         | 15.5            | -6.5                        | -43.8            | -44.5                      | -5.5     | 12.6                         | 15.5            |
| FEB.      | -6.1               | -3.9             | -41.4                      | -3.8     | 10.2                         | 8.0             | -6.3                        | -28.0            | -43.1                      | -4.6     | 11.4                         | 11.7            |
| MAR.      | -8.3               | -1.5             | -48.3                      | -3.6     | 9.4                          | 9.6             | -7.0                        | -20.5            | -44.7                      | -4.3     | 10.7                         | 10.9            |
| ABR.      | -4.8               | 5.1              | -42.2                      | -2.0     | 9.7                          | 11.1            | -6.4                        | -15.8            | -44.2                      | -3.7     | 10.5                         | 11.0            |
| MAY.      | -3.8               | 6.5              | -37.2                      | -1.7     | 9.1                          | 9.3             | -5.9                        | -12.2            | -43.0                      | -3.3     | 10.2                         | 10.6            |
| JUN.      | -4.9               | -2.1             | -39.2                      | 0.0      | 10.7                         | 7.9             | -5.7                        | -10.7            | -42.4                      | -2.8     | 10.3                         | 10.1            |
| JUL.      | 4.8                | -10.2            | 8.0                        | -1.7     | 10.3                         | 6.9             | -4.3                        | -10.6            | -37.7                      | -2.6     | 10.3                         | 9.6             |
| AGO.      | 6.2                | -2.2             | 12.9                       | -0.8     | 8.9                          | 5.4             | -2.9                        | -9.4             | -32.6                      | -2.4     | 10.1                         | 9.0             |
| SET.      | 12.6               | -2.6             | 30.0                       | 2.1      | 8.9                          | 4.9             | -1.1                        | -8.5             | -25.8                      | -1.9     | 10.0                         | 8.5             |
| OCT.      | 17.6               | -2.5             | 44.1                       | 2.5      | 9.4                          | 6.0             | 0.9                         | -7.9             | -19.1                      | -1.5     | 9.9                          | 8.3             |
| NOV.      | 9.6                | 0.1              | 17.9                       | 2.4      | 6.6                          | 5.7             | 1.8                         | -7.0             | -15.2                      | -1.1     | 9.6                          | 8.0             |
| DIC.      | 12.3               | -2.9             | 25.8                       | 3.1      | 6.8                          | 5.9             | 2.8                         | -6.6             | -11.5                      | -0.8     | 9.3                          | 7.8             |
| 2016 ENE. | 4.6                | 18.8             | 7.2                        | 0.7      | 2.5                          | 4.0             | 4.6                         | 18.8             | 7.2                        | 0.7      | 2.5                          | 4.0             |
| FEB.      | 5.5                | -19.5            | 19.1                       | 0.0      | 4.7                          | 1.8             | 5.0                         | -1.5             | 12.7                       | 0.3      | 3.6                          | 2.9             |
| MAR.      | 1.6                | -8.3             | 3.4                        | 1.0      | 3.8                          | 1.2             | 3.9                         | -3.9             | 10.0                       | 0.6      | 3.6                          | 2.3             |
| ABR.      | -2.3               | 9.2              | -17.5                      | -0.4     | 5.3                          | 2.2             | 2.4                         | -0.9             | 3.8                        | 0.3      | 4.0                          | 2.3             |
| MAY.      | -4.6               | -11.5            | -20.2                      | 0.1      | 5.0                          | -0.6            | 0.9                         | -3.0             | -0.8                       | 0.3      | 4.2                          | 1.7             |
| JUN.      | -1.6               | -10.2            | -2.3                       | -1.5     | 1.8                          | -1.6            | 0.5                         | -4.2             | -1.0                       | 0.0      | 3.8                          | 1.1             |
| JUL.      | -1.6               | -9.1             | 0.3                        | -1.6     | 1.4                          | -3.7            | 0.2                         | -5.1             | -0.8                       | -0.3     | 3.5                          | 0.4             |
| AGO.      | -2.7               | -12.7            | -0.5                       | -1.0     | 0.9                          | -7.4            | -0.2                        | -6.3             | -0.7                       | -0.3     | 3.1                          | -0.7            |
| SET.      | -0.3               | -18.5            | 0.4                        | -0.2     | -0.8                         | -3.1            | -0.2                        | -7.9             | -0.5                       | -0.3     | 2.7                          | -0.9            |
| OCT.      | -0.4               | -36.4            | 3.4                        | 1.8      | -1.8                         | -6.7            | -0.2                        | -11.2            | 0.2                        | -0.1     | 2.2                          | -1.5            |
| NOV.      | 1.8                | -27.8            | 7.8                        | 1.7      | -2.9                         | -6.1            | 0.0                         | -13.2            | 1.3                        | 0.1      | 1.7                          | -2.0            |
| DIC.      | 5.1                | -34.7            | 17.9                       | 2.0      | -3.3                         | -8.3            | 0.5                         | -15.2            | 3.4                        | 0.2      | 1.3                          | -2.5            |
| 2017 ENE. | 13.1               | -35.7            | 50.8                       | 4.3      | 0.4                          | -8.9            | 13.1                        | -35.7            | 50.8                       | 4.3      | 0.4                          | -8.9            |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| FEB.      | -0.1               | -15.7            | -1.7                       | 4.6      | -0.5                         | -3.2            | 6.6                         | -27.0            | 25.0                       | 4.4      | -0.1                         | -6.1            |
| MAR.      | 4.1                | -17.0            | 19.0                       | 2.8      | 2.5                          | -3.9            | 5.8                         | -23.7            | 23.4                       | 3.9      | 0.8                          | -5.4            |
| ABR.      | 3.9                | -20.5            | 34.7                       | 3.2      | -0.9                         | -7.3            | 5.4                         | -22.9            | 25.5                       | 3.7      | 0.3                          | -5.9            |
| MAY.      | 4.0                | -14.0            | 28.7                       | 0.6      | -1.1                         | -3.0            | 5.1                         | -21.3            | 25.9                       | 3.1      | 0.0                          | -5.3            |
| JUN.      | 4.4                | -18.4            | 17.8                       | 1.8      | -0.4                         | 0.8             | 5.0                         | -20.8            | 24.7                       | 2.9      | 0.0                          | -4.2            |
| JUL.      | 3.8                | -42.2            | 8.9                        | 3.6      | 1.2                          | 4.5             | 4.8                         | -24.5            | 22.1                       | 3.0      | 0.2                          | -2.9            |
| AGO.      | 1.3                | -40.8            | -0.1                       | 2.3      | 1.2                          | 5.5             | 4.3                         | -26.9            | 18.3                       | 2.9      | 0.3                          | -1.9            |
| SET.      | -11.2              | -21.7            | -29.3                      | 1.4      | 2.7                          | 1.9             | 2.2                         | -26.3            | 9.2                        | 2.7      | 0.6                          | -1.5            |
| OCT.      | -1.9               | -17.4            | -7.5                       | -0.1     | 2.5                          | 5.4             | 1.7                         | -25.5            | 6.3                        | 2.4      | 0.7                          | -0.8            |
| NOV.      | -2.8               | -30.8            | -7.7                       | 0.1      | 3.8                          | 4.3             | 1.2                         | -26.0            | 4.1                        | 2.2      | 1.0                          | -0.3            |
| DIC.      | -5.7               | -13.6            | -16.1                      | -0.9     | 3.5                          | 7.5             | 0.5                         | -25.1            | 1.1                        | 1.9      | 1.2                          | 0.3             |
| 2018 ENE. | 6.9                | 16.2             | 17.5                       | -2.6     | 3.5                          | 0.6             | 6.9                         | 16.2             | 17.5                       | -2.6     | 3.5                          | 0.6             |
| FEB.      | -0.8               | 10.2             | 0.4                        | -2.4     | 2.4                          | -1.0            | 3.4                         | 13.2             | 10.9                       | -2.5     | 2.9                          | -0.2            |
| MAR.      | -1.7               | -5.0             | -9.9                       | 0.5      | -1.1                         | 3.5             | 1.8                         | 6.6              | 5.5                        | -1.5     | 1.6                          | 1.1             |
| ABR.      | -2.2               | -1.6             | -11.7                      | 0.5      | 1.4                          | 2.0             | 0.8                         | 4.5              | 2.1                        | -1.0     | 1.5                          | 1.3             |
| MAY.      | -0.1               | 2.2              | -5.1                       | 0.5      | 2.3                          | 2.4             | 0.7                         | 4.0              | 1.0                        | -0.7     | 1.7                          | 1.6             |
| JUN.      | 1.4                | 23.1             | 3.2                        | -0.6     | 2.7                          | 0.5             | 0.8                         | 7.1              | 1.3                        | -0.7     | 1.9                          | 1.4             |
| JUL.      | 4.4                | 20.0             | 16.7                       | -1.2     | 1.7                          | -0.7            | 1.3                         | 8.8              | 3.6                        | -0.8     | 1.8                          | 1.1             |
| AGO.      | 4.7                | 42.4             | 17.3                       | -0.8     | 2.2                          | -3.3            | 1.8                         | 12.8             | 5.5                        | -0.8     | 1.9                          | 0.5             |
| SET.      | 17.8               | 16.3             | 60.9                       | -1.3     | -0.7                         | -2.0            | 3.6                         | 13.3             | 12.4                       | -0.8     | 1.6                          | 0.2             |
| OCT.      | 10.0               | 24.0             | 26.4                       | -0.2     | 0.3                          | -0.9            | 4.4                         | 14.2             | 14.6                       | -0.8     | 1.4                          | 0.1             |
| NOV.      | 5.6                | 48.3             | 12.7                       | 0.5      | -2.4                         | 0.3             | 4.5                         | 17.3             | 14.3                       | -0.6     | 1.1                          | 0.1             |
| DIC.      | 10.4               | 42.2             | 25.4                       | 1.1      | -2.7                         | -0.6            | 5.1                         | 19.5             | 15.7                       | -0.5     | 0.8                          | 0.0             |
| 2019 ENE. | 6.1                | -13.4            | 13.1                       | 0.5      | -4.2                         | 4.9             | 6.1                         | -13.4            | 13.1                       | 0.5      | -4.2                         | 4.9             |
| FEB.      | -1.1               | 22.2             | -12.0                      | 0.2      | -5.3                         | 7.6             | 3.0                         | 4.0              | 4.3                        | 0.3      | -4.8                         | 6.3             |
| MAR.      | 0.9                | 24.6             | 0.6                        | -1.8     | -3.8                         | 3.2             | 2.4                         | 10.7             | 3.5                        | -0.4     | -4.4                         | 5.2             |
| ABR.      | 3.9                | -12.0            | 16.6                       | -2.1     | -2.8                         | 3.5             | 2.7                         | 5.2              | 5.7                        | -0.8     | -4.0                         | 4.7             |
| MAY.      | 4.1                | -10.7            | 10.1                       | -2.1     | -4.4                         | 7.0             | 3.0                         | 2.2              | 6.3                        | -1.1     | -4.1                         | 5.2             |
| JUN.      | 2.6                | -25.3            | 6.4                        | -1.1     | -2.7                         | 5.4             | 2.9                         | -3.0             | 6.3                        | -1.1     | -3.9                         | 5.3             |
| JUL.      | 0.4                | -4.3             | -6.6                       | -0.4     | -3.1                         | 7.7             | 2.5                         | -3.2             | 4.2                        | -1.0     | -3.8                         | 5.6             |
| AGO.      | 2.3                | -20.5            | 1.4                        | -1.0     | -2.7                         | 8.7             | 2.5                         | -5.8             | 3.8                        | -1.0     | -3.6                         | 6.0             |
| SET.      | -1.4               | 8.6              | -6.5                       | -0.7     | -2.6                         | 5.8             | 2.0                         | -3.9             | 1.9                        | -1.0     | -3.5                         | 6.0             |
| OCT.      | 2.2                | 130.2            | -4.1                       | -2.0     | -2.1                         | 7.8             | 2.0                         | 9.5              | 0.9                        | -1.1     | -3.4                         | 6.2             |
| NOV. P/   | 10.5               | 134.5            | 14.3                       | -3.3     | -1.6                         | 6.9             | 2.9                         | 23.8             | 2.7                        | -1.3     | -3.2                         | 6.3             |

**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 PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| 1998 OCT. | -4.9               | 96.7             | -22.6                      | -8.6     | -3.4                         | -5.2            | -7.3                        | 45.7             | -19.5                      | -6.1     | -8.7                         | -9.6            |
| NOV.      | -8.1               | 87.0             | -20.5                      | -12.7    | 1.5                          | -10.0           | -7.7                        | 48.0             | -18.2                      | -7.5     | -6.9                         | -10.2           |
| DIC.      | -8.5               | 88.8             | -11.5                      | -12.9    | 1.7                          | -12.5           | -7.4                        | 50.7             | -15.1                      | -8.1     | -5.6                         | -10.0           |
| 1999 ENE. | -5.7               | 80.3             | -11.6                      | -9.2     | 0.5                          | -9.1            | -5.7                        | 80.3             | -11.6                      | -9.2     | 0.5                          | -9.1            |
| FEB.      | -3.4               | 78.6             | -13.6                      | -7.5     | 3.0                          | -5.0            | -4.6                        | 79.4             | -12.6                      | -8.4     | 1.7                          | -7.1            |
| MAR.      | -3.8               | 73.8             | -9.5                       | -7.5     | 7.5                          | -7.3            | -4.3                        | 77.5             | -11.6                      | -8.1     | 3.6                          | -7.1            |
| ABR.      | -3.5               | 66.2             | -10.8                      | -7.0     | 8.4                          | -6.8            | -4.1                        | 74.6             | -11.4                      | -7.8     | 4.7                          | -7.1            |
| MAY.      | -4.6               | 64.7             | -8.8                       | -9.5     | 3.7                          | -6.5            | -4.2                        | 72.5             | -10.9                      | -8.2     | 4.5                          | -6.9            |
| JUN.      | -5.6               | 152.2            | -12.8                      | -10.1    | 0.5                          | -11.3           | -4.5                        | 85.4             | -11.2                      | -8.5     | 3.8                          | -7.7            |
| JUL.      | -9.4               | 24.4             | -10.1                      | -11.9    | 1.4                          | -12.9           | -5.2                        | 70.4             | -11.0                      | -8.9     | 3.5                          | -8.5            |
| AGO.      | -12.0              | 40.8             | -8.4                       | -14.6    | -5.5                         | -16.2           | -6.1                        | 64.8             | -10.7                      | -9.6     | 2.3                          | -9.5            |
| SET.      | -12.3              | 31.6             | -7.7                       | -16.4    | -3.9                         | -15.8           | -6.8                        | 59.5             | -10.4                      | -10.4    | 1.6                          | -10.3           |
| OCT.      | -11.9              | 35.1             | -7.7                       | -17.4    | -9.6                         | -12.9           | -7.3                        | 56.2             | -10.1                      | -11.0    | 0.4                          | -10.6           |
| NOV.      | -10.8              | 38.7             | -8.3                       | -17.3    | -10.7                        | -10.0           | -7.6                        | 54.2             | -10.0                      | -11.6    | -0.7                         | -10.5           |
| DIC.      | -11.1              | -25.1            | -9.3                       | -18.5    | -10.3                        | -5.4            | -7.9                        | 45.8             | -9.9                       | -12.1    | -1.5                         | -10.1           |
| 2000 ENE. | -11.3              | -25.5            | -11.1                      | -19.0    | -7.4                         | -5.3            | -11.3                       | -25.5            | -11.1                      | -19.0    | -7.4                         | -5.3            |
| FEB.      | -12.8              | -25.5            | -9.6                       | -21.0    | -6.4                         | -7.3            | -12.0                       | -25.5            | -10.4                      | -20.0    | -6.9                         | -6.3            |
| MAR.      | -13.0              | -23.5            | -10.3                      | -21.3    | -9.7                         | -6.7            | -12.3                       | -24.8            | -10.3                      | -20.4    | -7.8                         | -6.4            |
| ABR.      | -12.3              | -24.8            | -9.0                       | -20.2    | -4.6                         | -7.5            | -12.3                       | -24.8            | -10.0                      | -20.4    | -7.0                         | -6.7            |
| MAY.      | -9.0               | 56.5             | -12.8                      | -20.3    | -5.1                         | -2.3            | -11.7                       | -8.7             | -10.6                      | -20.4    | -6.7                         | -5.8            |
| JUN.      | -7.8               | 23.3             | -8.0                       | -17.4    | -2.1                         | -1.5            | -11.0                       | -1.7             | -10.2                      | -19.9    | -5.9                         | -5.1            |
| JUL.      | -2.4               | 179.3            | -10.4                      | -16.0    | -3.5                         | 1.3             | -9.8                        | 30.7             | -10.2                      | -19.4    | -5.6                         | -4.1            |
| AGO.      | -1.5               | 186.6            | -12.4                      | -15.4    | -4.8                         | 3.8             | -8.8                        | 55.7             | -10.5                      | -18.9    | -5.5                         | -3.2            |
| SET.      | -1.1               | 197.0            | -12.6                      | -11.7    | -10.5                        | 1.7             | -8.0                        | 74.3             | -10.7                      | -18.2    | -6.1                         | -2.6            |
| OCT.      | -1.7               | 172.6            | -11.8                      | -12.6    | -4.0                         | 0.0             | -7.4                        | 85.8             | -10.8                      | -17.7    | -5.9                         | -2.3            |
| NOV.      | -4.8               | -6.1             | -10.7                      | -10.4    | -7.0                         | -1.6            | -7.1                        | 76.2             | -10.8                      | -17.1    | -6.0                         | -2.3            |
| DIC.      | -3.6               | 62.5             | -10.7                      | -12.0    | -9.8                         | -0.6            | -6.9                        | 75.4             | -10.8                      | -16.7    | -6.3                         | -2.1            |
| 2001 ENE. | -10.5              | 67.8             | -9.4                       | -14.5    | -16.6                        | -8.6            | -10.5                       | 67.8             | -9.4                       | -14.5    | -16.6                        | -8.6            |
| FEB.      | -8.9               | 67.8             | -8.3                       | -12.4    | -12.2                        | -8.0            | -9.7                        | 67.8             | -8.8                       | -13.5    | -14.4                        | -8.3            |
| MAR.      | -7.3               | 67.8             | -1.4                       | -12.2    | -10.1                        | -6.6            | -8.9                        | 67.8             | -6.4                       | -13.1    | -13.0                        | -7.7            |
| ABR.      | -5.2               | 67.8             | -1.2                       | -14.0    | -11.1                        | 0.3             | -8.0                        | 67.8             | -5.1                       | -13.3    | -12.5                        | -5.7            |
| MAY.      | -11.4              | -66.2            | 0.7                        | -16.0    | -7.2                         | -7.5            | -8.7                        | 22.2             | -4.0                       | -13.8    | -11.5                        | -6.1            |
| JUN.      | -10.6              | -69.7            | -1.0                       | -13.4    | -10.1                        | -6.2            | -9.0                        | -3.1             | -3.5                       | -13.8    | -11.2                        | -6.1            |
| JUL.      | -17.1              | -86.6            | 0.5                        | -17.4    | -9.6                         | -9.9            | -10.3                       | -35.0            | -2.9                       | -14.3    | -11.0                        | -6.7            |
| AGO.      | -16.7              | -87.7            | 2.3                        | -16.3    | -9.2                         | -9.6            | -11.1                       | -50.6            | -2.3                       | -14.5    | -10.8                        | -7.1            |
| SET.      | -16.7              | -87.4            | 2.4                        | -18.4    | -3.1                         | -9.1            | -11.8                       | -58.8            | -1.8                       | -14.9    | -10.0                        | -7.3            |
| OCT.      | -14.9              | -87.6            | 24.4                       | -17.0    | -5.9                         | -8.6            | -12.1                       | -63.8            | 0.8                        | -15.1    | -9.6                         | -7.4            |
| NOV.      | -10.8              | -64.0            | 27.3                       | -19.2    | -3.1                         | -5.7            | -12.0                       | -63.8            | 3.1                        | -15.5    | -9.0                         | -7.3            |
| DIC.      | -8.5               | -61.2            | 28.7                       | -13.7    | -0.1                         | -6.0            | -11.7                       | -63.6            | 5.2                        | -15.4    | -8.3                         | -7.2            |
| 2002 ENE. | -7.3               | -61.2            | 28.8                       | -14.2    | 5.6                          | -3.1            | -7.3                        | -61.2            | 28.8                       | -14.2    | 5.6                          | -3.1            |
| FEB.      | -1.4               | -12.1            | 26.8                       | -12.4    | 0.1                          | -2.1            | -4.3                        | -36.6            | 27.8                       | -13.3    | 2.8                          | -2.6            |
| MAR.      | -1.8               | -12.1            | 12.7                       | -9.6     | -5.8                         | -2.0            | -3.5                        | -28.4            | 22.6                       | -12.1    | -0.1                         | -2.4            |
| ABR.      | -3.1               | -29.4            | 11.8                       | -10.2    | -6.9                         | -4.9            | -3.4                        | -28.7            | 19.8                       | -11.6    | -1.8                         | -3.1            |
| MAY.      | 0.8                | 27.4             | 16.3                       | -7.0     | -11.3                        | 0.3             | -2.5                        | -23.4            | 19.1                       | -10.7    | -3.8                         | -2.4            |
| JUN.      | -0.3               | 21.3             | 13.8                       | -6.6     | -9.7                         | -1.8            | -2.2                        | -19.6            | 18.2                       | -10.1    | -4.8                         | -2.3            |
| JUL.      | 2.1                | 22.8             | 13.1                       | -1.5     | -8.6                         | -0.9            | -1.6                        | -16.2            | 17.5                       | -8.9     | -5.3                         | -2.1            |
| AGO.      | 2.8                | 24.3             | 22.7                       | 1.2      | -6.5                         | -2.8            | -1.0                        | -13.2            | 18.1                       | -7.7     | -5.5                         | -2.2            |
| SET.      | 4.0                | 23.1             | 28.6                       | 6.2      | -9.2                         | -3.0            | -0.5                        | -10.8            | 19.3                       | -6.3     | -5.9                         | -2.3            |
| OCT.      | 3.6                | 35.0             | 2.5                        | 8.8      | -12.7                        | -1.7            | -0.1                        | -8.1             | 17.3                       | -4.9     | -6.6                         | -2.2            |
| NOV.      | 2.2                | 12.7             | -2.2                       | 11.3     | -14.9                        | -2.5            | 0.1                         | -6.9             | 15.2                       | -3.5     | -7.3                         | -2.2            |
| DIC.      | 4.0                | 129.0            | -3.5                       | 8.1      | -14.0                        | -4.5            | 0.5                         | 0.4              | 13.3                       | -2.6     | -7.9                         | -2.4            |
| 2003 ENE. | 2.7                | 129.0            | -12.2                      | 7.1      | -18.4                        | -5.8            | 2.7                         | 129.0            | -12.2                      | 7.1      | -18.4                        | -5.8            |
| FEB.      | -7.6               | -40.1            | -11.6                      | 11.1     | -21.4                        | -10.1           | -2.6                        | 11.7             | -11.9                      | 9.1      | -19.9                        | -8.0            |
| MAR.      | -7.2               | -57.9            | -3.9                       | 9.2      | -11.9                        | -8.0            | -4.2                        | -16.8            | -9.3                       | 9.2      | -17.4                        | -8.0            |
| ABR.      | -3.0               | -47.5            | 2.5                        | 15.9     | -19.6                        | -3.7            | -3.9                        | -24.4            | -6.5                       | 10.8     | -17.9                        | -6.8            |
| MAY.      | -1.4               | -12.9            | 3.5                        | 14.8     | -12.1                        | -5.1            | -3.3                        | -22.6            | -4.5                       | 11.6     | -16.8                        | -6.5            |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| JUN.      | -0.3               | -23.6            | 2.5                        | 16.2     | -8.2                         | -3.0            | -2.8                        | -22.7            | -3.4                       | 12.4     | -15.4                        | -5.8            |
| JUL.      | -1.3               | -25.2            | 2.3                        | 13.2     | -9.8                         | -3.0            | -2.6                        | -23.0            | -2.6                       | 12.5     | -14.6                        | -5.4            |
| AGO.      | -3.8               | -26.1            | 1.8                        | 5.2      | -11.7                        | -3.1            | -2.8                        | -23.3            | -2.0                       | 11.5     | -14.3                        | -5.1            |
| SET.      | -4.4               | -14.2            | -2.1                       | 0.1      | -8.9                         | -2.6            | -2.9                        | -22.5            | -2.0                       | 10.2     | -13.7                        | -4.8            |
| OCT.      | -3.9               | -13.5            | -2.1                       | -0.9     | -3.9                         | -2.2            | -3.0                        | -21.7            | -2.0                       | 9.0      | -12.8                        | -4.6            |
| NOV.      | -2.5               | 6.0              | 1.3                        | -0.2     | -1.6                         | -1.9            | -3.0                        | -19.9            | -1.7                       | 8.1      | -11.8                        | -4.3            |
| DIC.      | -6.8               | -49.0            | 0.8                        | -0.1     | -4.4                         | -3.6            | -3.3                        | -23.4            | -1.5                       | 7.4      | -11.2                        | -4.3            |
| 2004 ENE. | -3.5               | -49.0            | 4.3                        | 1.5      | 7.1                          | -1.3            | -3.5                        | -49.0            | 4.3                        | 1.5      | 7.1                          | -1.3            |
| FEB.      | 2.9                | -10.6            | -2.6                       | 3.1      | 13.1                         | 1.1             | -0.4                        | -34.7            | 0.8                        | 2.3      | 10.1                         | -0.1            |
| MAR.      | 5.8                | 26.2             | -7.5                       | 0.5      | 19.3                         | 5.2             | 1.7                         | -22.1            | -2.0                       | 1.7      | 13.2                         | 1.7             |
| ABR.      | 8.2                | 42.5             | -13.5                      | -1.4     | 35.1                         | 9.9             | 3.4                         | -11.0            | -5.0                       | 0.9      | 18.3                         | 3.9             |
| MAY.      | 8.8                | 10.8             | -8.7                       | 1.8      | 26.0                         | 11.9            | 4.5                         | -7.2             | -5.8                       | 1.1      | 19.9                         | 5.7             |
| JUN.      | 9.7                | 26.3             | -9.0                       | 0.4      | 20.6                         | 14.2            | 5.4                         | -2.9             | -6.4                       | 1.0      | 20.0                         | 7.3             |
| JUL.      | 9.6                | 27.5             | -13.6                      | 1.6      | 16.9                         | 14.3            | 6.0                         | 0.5              | -7.4                       | 1.1      | 19.5                         | 8.3             |
| AGO.      | 12.4               | 26.6             | -20.2                      | 7.6      | 19.7                         | 16.5            | 6.9                         | 3.2              | -9.2                       | 1.9      | 19.5                         | 9.4             |
| SET.      | 11.8               | 10.9             | -19.4                      | 10.2     | 17.9                         | 14.9            | 7.4                         | 4.0              | -10.4                      | 2.8      | 19.4                         | 10.1            |
| OCT.      | 10.3               | 14.7             | -15.5                      | 6.9      | 23.0                         | 12.6            | 7.7                         | 5.0              | -10.9                      | 3.2      | 19.7                         | 10.3            |
| NOV.      | 10.2               | 12.7             | -12.3                      | 6.7      | 20.5                         | 12.6            | 8.0                         | 5.7              | -11.1                      | 3.5      | 19.8                         | 10.5            |
| DIC.      | 12.2               | 12.0             | -11.9                      | 7.3      | 23.8                         | 15.8            | 8.3                         | 6.2              | -11.1                      | 3.8      | 20.2                         | 11.0            |
| 2005 ENE. | 8.8                | 12.0             | -5.9                       | 6.2      | 13.6                         | 9.3             | 8.8                         | 12.0             | -5.9                       | 6.2      | 13.6                         | 9.3             |
| FEB.      | 7.4                | 12.9             | 11.6                       | 2.5      | 11.5                         | 7.4             | 8.1                         | 12.4             | 2.5                        | 4.3      | 12.6                         | 8.4             |
| MAR.      | 11.6               | 10.3             | 15.7                       | 4.6      | 3.0                          | 16.0            | 9.3                         | 11.7             | 6.7                        | 4.4      | 9.2                          | 11.0            |
| ABR.      | 8.8                | 6.1              | 17.4                       | 3.3      | -3.1                         | 12.1            | 9.2                         | 10.2             | 9.3                        | 4.1      | 5.9                          | 11.4            |
| MAY.      | 7.2                | 12.8             | 14.9                       | 0.9      | -1.6                         | 9.7             | 8.7                         | 10.7             | 10.4                       | 3.4      | 4.3                          | 11.0            |
| JUN.      | 7.1                | 24.3             | 6.1                        | 0.8      | -4.7                         | 9.9             | 8.4                         | 13.0             | 9.7                        | 3.0      | 2.7                          | 10.8            |
| JUL.      | 7.7                | 10.7             | 7.2                        | 3.0      | 0.0                          | 10.1            | 8.3                         | 12.7             | 9.4                        | 3.0      | 2.3                          | 10.7            |
| AGO.      | 3.1                | 12.2             | -6.7                       | -0.3     | -4.3                         | 5.1             | 7.6                         | 12.6             | 7.4                        | 2.6      | 1.5                          | 9.9             |
| SET.      | 3.7                | 10.1             | -7.6                       | -1.9     | -4.0                         | 7.6             | 7.1                         | 12.3             | 5.8                        | 2.1      | 0.9                          | 9.6             |
| OCT.      | 8.0                | 10.5             | -2.6                       | 4.7      | -7.9                         | 12.0            | 7.2                         | 12.1             | 5.0                        | 2.3      | -0.1                         | 9.9             |
| NOV.      | 9.0                | 9.8              | 3.0                        | 5.5      | -5.1                         | 12.4            | 7.4                         | 11.9             | 4.8                        | 2.6      | -0.5                         | 10.1            |
| DIC.      | 11.6               | 12.4             | 17.0                       | 5.3      | -6.8                         | 16.7            | 7.8                         | 12.0             | 5.8                        | 2.8      | -1.1                         | 10.7            |
| 2006 ENE. | 11.3               | 11.8             | 13.5                       | 7.4      | -3.7                         | 16.6            | 11.3                        | 11.8             | 13.5                       | 7.4      | -3.7                         | 16.6            |
| FEB.      | 12.2               | 1.4              | 10.2                       | 8.6      | -5.8                         | 20.4            | 11.8                        | 6.5              | 11.8                       | 8.0      | -4.8                         | 18.5            |
| MAR.      | 8.9                | 7.0              | 19.1                       | 9.3      | -7.2                         | 11.2            | 10.8                        | 6.6              | 14.3                       | 8.4      | -5.6                         | 15.8            |
| ABR.      | 10.0               | -1.6             | 15.7                       | 7.3      | 1.0                          | 14.1            | 10.6                        | 4.5              | 14.7                       | 8.1      | -3.9                         | 15.3            |
| MAY.      | 9.5                | -4.3             | 8.9                        | 8.9      | 0.0                          | 13.3            | 10.3                        | 2.6              | 13.4                       | 8.3      | -3.2                         | 14.8            |
| JUN.      | 9.6                | -11.4            | 19.5                       | 13.6     | 1.8                          | 9.8             | 10.2                        | 0.0              | 14.4                       | 9.2      | -2.4                         | 13.9            |
| JUL.      | 11.1               | -0.6             | 24.3                       | 13.2     | 2.5                          | 11.1            | 10.3                        | -0.1             | 15.7                       | 9.8      | -1.7                         | 13.4            |
| AGO.      | 15.2               | -2.3             | 39.7                       | 13.7     | 6.8                          | 17.2            | 10.9                        | -0.3             | 18.2                       | 10.2     | -0.7                         | 13.9            |
| SET.      | 15.0               | -4.1             | 43.2                       | 14.8     | 14.0                         | 14.8            | 11.4                        | -0.7             | 20.6                       | 10.8     | 0.9                          | 14.0            |
| OCT.      | 10.9               | -8.9             | 37.3                       | 9.9      | 10.0                         | 11.3            | 11.4                        | -1.6             | 22.2                       | 10.7     | 1.8                          | 13.7            |
| NOV.      | 11.5               | -6.1             | 29.5                       | 12.6     | 4.0                          | 12.1            | 11.4                        | -2.0             | 22.8                       | 10.8     | 2.0                          | 13.6            |
| DIC.      | 11.2               | -7.7             | 19.5                       | 17.0     | 5.8                          | 9.4             | 11.4                        | -2.5             | 22.5                       | 11.4     | 2.3                          | 13.2            |
| 2007 ENE. | 14.4               | -5.5             | 27.1                       | 16.5     | 8.8                          | 13.2            | 14.4                        | -5.5             | 27.1                       | 16.5     | 8.8                          | 13.2            |
| FEB.      | 12.0               | -4.7             | 4.0                        | 17.6     | 12.3                         | 8.9             | 13.2                        | -5.1             | 15.1                       | 17.0     | 10.5                         | 11.1            |
| MAR.      | 17.6               | -7.4             | -3.4                       | 24.5     | 14.2                         | 17.1            | 14.7                        | -5.9             | 8.4                        | 19.6     | 11.7                         | 13.2            |
| ABR.      | 17.0               | -1.7             | 0.7                        | 25.8     | 10.4                         | 15.6            | 15.3                        | -4.8             | 6.4                        | 21.1     | 11.4                         | 13.9            |
| MAY.      | 15.2               | -0.5             | 1.3                        | 20.0     | 9.8                          | 15.8            | 15.3                        | -4.0             | 5.3                        | 20.9     | 11.1                         | 14.3            |
| JUN.      | 14.9               | 2.4              | 6.1                        | 14.7     | 14.6                         | 17.0            | 15.2                        | -2.9             | 5.5                        | 19.8     | 11.6                         | 14.8            |
| JUL.      | 13.0               | 5.0              | -7.1                       | 13.9     | 9.1                          | 15.3            | 14.9                        | -1.8             | 3.7                        | 18.9     | 11.3                         | 14.9            |
| AGO.      | 14.6               | 8.8              | -3.8                       | 17.6     | 9.1                          | 15.4            | 14.8                        | -0.5             | 2.7                        | 18.8     | 11.0                         | 15.0            |
| SET.      | 14.4               | 12.7             | -0.9                       | 15.7     | 8.0                          | 16.0            | 14.8                        | 0.9              | 2.3                        | 18.4     | 10.6                         | 15.1            |
| OCT.      | 17.1               | 16.7             | -4.9                       | 18.1     | 8.7                          | 19.8            | 15.0                        | 2.4              | 1.6                        | 18.4     | 10.4                         | 15.6            |
| NOV.      | 16.8               | 13.3             | -21.0                      | 17.6     | 13.8                         | 20.5            | 15.2                        | 3.3              | -0.6                       | 18.3     | 10.7                         | 16.1            |
| DIC.      | 15.6               | 17.1             | -27.2                      | 13.0     | 25.2                         | 19.6            | 15.2                        | 4.5              | -3.1                       | 17.8     | 12.0                         | 16.4            |
| 2008 ENE. | 13.2               | 13.8             | -31.8                      | 12.6     | 22.9                         | 18.1            | 13.2                        | 13.8             | -31.8                      | 12.6     | 22.9                         | 18.1            |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| FEB.      | 14.4               | 18.7             | -25.4                      | 11.8     | 20.5                         | 20.3            | 13.8                        | 16.2             | -28.8                      | 12.2     | 21.7                         | 19.2            |
| MAR.      | 11.7               | 15.4             | -24.5                      | 8.5      | 23.4                         | 15.9            | 13.1                        | 15.9             | -27.5                      | 10.9     | 22.3                         | 18.0            |
| ABR.      | 9.2                | 6.9              | -24.9                      | 8.4      | 19.8                         | 11.3            | 12.0                        | 13.6             | -26.8                      | 10.3     | 21.6                         | 16.0            |
| MAY.      | 12.4               | 6.2              | -22.5                      | 11.2     | 24.6                         | 14.8            | 12.1                        | 12.1             | -26.0                      | 10.4     | 22.2                         | 15.7            |
| JUN.      | 12.0               | 0.6              | -33.4                      | 13.5     | 15.9                         | 15.1            | 12.1                        | 10.1             | -27.2                      | 10.9     | 21.2                         | 15.6            |
| JUL.      | 13.4               | -9.0             | -15.1                      | 13.0     | 21.3                         | 16.5            | 12.3                        | 7.2              | -25.7                      | 11.2     | 21.2                         | 15.7            |
| AGO.      | 12.8               | -10.6            | -13.1                      | 12.1     | 21.0                         | 16.1            | 12.4                        | 4.9              | -24.2                      | 11.4     | 21.2                         | 15.8            |
| SET.      | 13.1               | -11.1            | -23.6                      | 14.1     | 17.6                         | 16.8            | 12.4                        | 3.0              | -24.2                      | 11.7     | 20.7                         | 15.9            |
| OCT.      | 11.6               | -13.6            | -24.1                      | 15.9     | 22.9                         | 12.4            | 12.3                        | 1.2              | -24.2                      | 12.1     | 21.0                         | 15.5            |
| NOV.      | 11.3               | -14.8            | 0.5                        | 15.1     | 24.3                         | 10.4            | 12.2                        | -0.4             | -22.3                      | 12.4     | 21.3                         | 15.0            |
| DIC.      | 9.6                | -17.0            | 4.0                        | 15.3     | 14.4                         | 8.8             | 12.0                        | -1.9             | -20.5                      | 12.6     | 20.6                         | 14.4            |
| 2009 ENE. | 10.9               | -13.9            | 7.2                        | 13.7     | 13.8                         | 12.5            | 10.9                        | -13.9            | 7.2                        | 13.7     | 13.8                         | 12.5            |
| FEB.      | 6.4                | -10.6            | 12.6                       | 9.9      | 13.8                         | 5.5             | 8.6                         | -12.2            | 9.8                        | 11.7     | 13.8                         | 9.0             |
| MAR.      | 8.9                | -6.9             | 10.3                       | 13.4     | 12.4                         | 8.0             | 8.7                         | -10.5            | 10.0                       | 12.3     | 13.3                         | 8.6             |
| ABR.      | 8.5                | -4.7             | -1.8                       | 13.4     | 11.6                         | 7.7             | 8.7                         | -9.1             | 7.0                        | 12.6     | 12.9                         | 8.4             |
| MAY.      | 6.0                | -4.6             | 5.0                        | 13.4     | 8.6                          | 2.9             | 8.1                         | -8.2             | 6.6                        | 12.7     | 12.0                         | 7.1             |
| JUN.      | 6.6                | 1.4              | 20.7                       | 11.7     | 15.6                         | 2.7             | 7.8                         | -6.7             | 8.8                        | 12.6     | 12.6                         | 6.3             |
| JUL.      | 5.6                | 7.2              | 0.7                        | 13.6     | 11.1                         | 1.2             | 7.5                         | -4.9             | 7.6                        | 12.7     | 12.4                         | 5.5             |
| AGO.      | 4.6                | -3.3             | -0.7                       | 11.4     | 10.9                         | 1.0             | 7.1                         | -4.8             | 6.5                        | 12.5     | 12.2                         | 4.9             |
| SET.      | 4.1                | -3.3             | 11.5                       | 10.9     | 7.8                          | 0.1             | 6.7                         | -4.6             | 7.0                        | 12.4     | 11.7                         | 4.3             |
| OCT.      | 3.3                | -4.2             | 9.3                        | 7.4      | 6.7                          | 0.8             | 6.4                         | -4.6             | 7.3                        | 11.8     | 11.1                         | 3.9             |
| NOV.      | 2.8                | 0.5              | 2.3                        | 6.5      | 7.1                          | 0.3             | 6.0                         | -4.1             | 6.8                        | 11.3     | 10.7                         | 3.5             |
| DIC.      | 3.6                | -0.1             | 5.9                        | 7.1      | 6.1                          | 1.3             | 5.8                         | -3.8             | 6.7                        | 10.9     | 10.3                         | 3.3             |
| 2010 ENE. | 3.9                | -13.8            | -5.2                       | 8.5      | 5.7                          | 2.1             | 3.9                         | -13.8            | -5.2                       | 8.5      | 5.7                          | 2.1             |
| FEB.      | 7.1                | -17.3            | -0.1                       | 12.2     | 2.2                          | 5.8             | 5.5                         | -15.6            | -2.7                       | 10.3     | 4.0                          | 3.9             |
| MAR.      | 3.4                | -18.3            | 0.0                        | 8.5      | 0.3                          | 2.3             | 4.8                         | -16.5            | -1.8                       | 9.7      | 2.7                          | 3.3             |
| ABR.      | 3.3                | -16.1            | 23.4                       | 7.3      | 3.8                          | 0.9             | 4.4                         | -16.4            | 4.1                        | 9.1      | 3.0                          | 2.6             |
| MAY.      | 3.8                | -19.4            | 10.5                       | 9.4      | 3.7                          | 1.9             | 4.3                         | -17.0            | 5.4                        | 9.1      | 3.1                          | 2.5             |
| JUN.      | 4.2                | -14.6            | 18.8                       | 9.3      | 3.5                          | 1.2             | 4.2                         | -16.6            | 7.7                        | 9.2      | 3.2                          | 2.3             |
| JUL.      | 4.3                | -12.6            | 18.8                       | 8.7      | 6.3                          | 1.7             | 4.3                         | -16.0            | 9.2                        | 9.1      | 3.6                          | 2.2             |
| AGO.      | 4.4                | -2.4             | 16.5                       | 9.8      | 6.4                          | 0.7             | 4.3                         | -14.5            | 10.1                       | 9.2      | 4.0                          | 2.0             |
| SET.      | 3.6                | -2.7             | 0.7                        | 8.6      | 5.8                          | 1.3             | 4.2                         | -13.2            | 9.1                        | 9.1      | 4.2                          | 1.9             |
| OCT.      | 3.5                | -12.8            | 6.8                        | 11.5     | 3.1                          | 0.6             | 4.1                         | -13.2            | 8.8                        | 9.4      | 4.1                          | 1.8             |
| NOV.      | 5.6                | 28.9             | 0.2                        | 10.7     | 0.2                          | 1.1             | 4.3                         | -9.5             | 8.0                        | 9.5      | 3.7                          | 1.7             |
| DIC.      | 7.5                | 28.9             | -4.0                       | 11.6     | 6.8                          | 3.6             | 4.5                         | -6.4             | 6.9                        | 9.7      | 4.0                          | 1.9             |
| 2011 ENE. | 7.4                | 33.3             | 3.9                        | 9.8      | 12.4                         | 1.8             | 7.4                         | 33.3             | 3.9                        | 9.8      | 12.4                         | 1.8             |
| FEB.      | 7.9                | 28.8             | -4.2                       | 10.1     | 18.2                         | 3.0             | 7.7                         | 31.0             | -0.3                       | 9.9      | 15.3                         | 2.4             |
| MAR.      | 7.5                | 36.5             | -5.3                       | 8.6      | 17.2                         | 2.9             | 7.6                         | 32.8             | -2.0                       | 9.5      | 15.9                         | 2.6             |
| ABR.      | 8.8                | 32.6             | -14.6                      | 10.2     | 16.1                         | 6.1             | 7.9                         | 32.8             | -5.5                       | 9.7      | 16.0                         | 3.5             |
| MAY.      | 5.2                | -14.7            | -12.1                      | 8.9      | 15.4                         | 5.2             | 7.4                         | 23.4             | -6.9                       | 9.5      | 15.9                         | 3.9             |
| JUN.      | 4.3                | -20.6            | -19.0                      | 8.9      | 17.1                         | 4.7             | 6.8                         | 15.7             | -9.2                       | 9.4      | 16.1                         | 4.1             |
| JUL.      | 5.3                | -11.2            | -16.7                      | 9.0      | 18.7                         | 5.1             | 6.6                         | 11.7             | -10.3                      | 9.4      | 16.5                         | 4.2             |
| AGO.      | 3.2                | -7.8             | -17.2                      | 6.3      | 16.4                         | 2.4             | 6.2                         | 9.1              | -11.2                      | 9.0      | 16.5                         | 4.0             |
| SET.      | 4.6                | -5.7             | -5.0                       | 5.1      | 22.4                         | 3.0             | 6.0                         | 7.4              | -10.5                      | 8.5      | 17.1                         | 3.9             |
| OCT.      | 6.9                | 31.0             | -1.7                       | 4.6      | 23.6                         | 2.9             | 6.1                         | 9.6              | -9.7                       | 8.1      | 17.8                         | 3.8             |
| NOV.      | 3.0                | -27.4            | -5.0                       | 5.1      | 24.1                         | 2.7             | 5.8                         | 5.0              | -9.3                       | 7.8      | 18.4                         | 3.7             |
| DIC.      | 0.5                | -27.8            | -5.5                       | 3.8      | 12.0                         | 0.6             | 5.3                         | 1.4              | -9.0                       | 7.5      | 17.8                         | 3.4             |
| 2012 ENE. | 0.9                | -17.6            | -1.3                       | 4.5      | 6.3                          | 0.0             | 0.9                         | -17.6            | -1.3                       | 4.5      | 6.3                          | 0.0             |
| FEB.      | 1.5                | -15.3            | 1.9                        | 1.0      | 9.3                          | 2.3             | 1.2                         | -16.5            | 0.3                        | 2.7      | 7.8                          | 1.2             |
| MAR.      | 1.8                | -21.3            | 2.7                        | 0.9      | 9.0                          | 3.7             | 1.4                         | -18.1            | 1.1                        | 2.1      | 8.2                          | 2.1             |
| ABR.      | 0.9                | -20.2            | 5.5                        | 2.0      | 10.0                         | 0.4             | 1.3                         | -18.6            | 2.2                        | 2.1      | 8.7                          | 1.6             |
| MAY.      | 4.2                | 26.0             | 4.4                        | 1.0      | 12.7                         | 1.8             | 1.9                         | -12.5            | 2.6                        | 1.8      | 9.5                          | 1.6             |
| JUN.      | 3.7                | 40.3             | 4.0                        | -1.4     | 8.1                          | 1.8             | 2.2                         | -6.2             | 2.9                        | 1.3      | 9.2                          | 1.7             |
| JUL.      | 3.8                | 30.6             | 8.3                        | -2.6     | 8.9                          | 2.7             | 2.4                         | -1.9             | 3.6                        | 0.7      | 9.2                          | 1.8             |
| AGO.      | 5.7                | 22.0             | 9.3                        | 0.2      | 10.9                         | 5.3             | 2.8                         | 0.8              | 4.3                        | 0.7      | 9.4                          | 2.3             |
| SET.      | 4.6                | 18.6             | -1.7                       | 3.3      | 4.6                          | 3.9             | 3.0                         | 2.6              | 3.6                        | 1.0      | 8.8                          | 2.5             |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/             | Total | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| 2013      | OCT. | 1.9                | -17.2            | -7.3                       | 1.3      | 2.7                          | 5.6                         | 2.9   | 0.4              | 2.5                        | 1.0      | 8.2                          | 2.8             |
|           | NOV. | 3.2                | -1.8             | 2.5                        | -0.2     | 4.2                          | 5.3                         | 2.9   | 0.2              | 2.5                        | 0.9      | 7.8                          | 3.0             |
|           | DIC. | 4.1                | 5.2              | 6.5                        | -0.3     | 9.4                          | 4.9                         | 3.0   | 0.6              | 2.8                        | 0.8      | 7.9                          | 3.2             |
|           | ENE. | -0.5               | -20.7            | -2.6                       | -4.5     | 10.2                         | 3.6                         | -0.5  | -20.7            | -2.6                       | -4.5     | 10.2                         | 3.6             |
|           | FEB. | 3.9                | -18.3            | -1.1                       | 4.2      | 5.3                          | 7.7                         | 1.7   | -19.5            | -1.8                       | -0.2     | 7.7                          | 5.6             |
|           | MAR. | 2.6                | -15.9            | -0.7                       | 4.5      | 6.9                          | 3.4                         | 2.0   | -18.3            | -1.5                       | 1.4      | 7.4                          | 4.8             |
|           | ABR. | 4.0                | -21.3            | 0.6                        | 3.2      | 5.7                          | 7.4                         | 2.5   | -19.1            | -0.9                       | 1.9      | 7.0                          | 5.5             |
|           | MAY. | 3.3                | -23.5            | -0.1                       | 3.7      | 2.3                          | 6.6                         | 2.7   | -19.9            | -0.8                       | 2.2      | 6.0                          | 5.8             |
|           | JUN. | 3.7                | -31.3            | 0.0                        | 5.2      | 4.8                          | 7.4                         | 2.9   | -22.0            | -0.6                       | 2.7      | 5.8                          | 6.1             |
|           | JUL. | 3.6                | -27.3            | -3.2                       | 6.9      | 0.4                          | 6.8                         | 3.0   | -22.8            | -1.0                       | 3.3      | 5.0                          | 6.2             |
|           | AGO. | 2.2                | -24.5            | -3.1                       | 4.4      | -2.6                         | 5.5                         | 2.9   | -23.0            | -1.3                       | 3.4      | 4.0                          | 6.1             |
|           | SET. | 4.2                | -12.9            | 9.2                        | 4.4      | -3.3                         | 6.0                         | 3.0   | -21.9            | -0.1                       | 3.5      | 3.2                          | 6.1             |
| 2014      | OCT. | 4.7                | -6.1             | 11.7                       | 3.9      | 0.5                          | 5.6                         | 3.2   | -20.4            | 1.0                        | 3.6      | 2.9                          | 6.0             |
|           | NOV. | 3.5                | -9.2             | 3.9                        | -0.5     | 2.0                          | 7.1                         | 3.2   | -19.5            | 1.3                        | 3.2      | 2.8                          | 6.1             |
|           | DIC. | 3.6                | -16.9            | 6.0                        | 0.7      | -0.8                         | 7.9                         | 3.3   | -19.2            | 1.7                        | 3.0      | 2.5                          | 6.3             |
|           | ENE. | 9.7                | 23.2             | 18.3                       | 6.1      | -3.1                         | 9.1                         | 9.7   | 23.2             | 18.3                       | 6.1      | -3.1                         | 9.1             |
|           | FEB. | 3.5                | -1.5             | 17.2                       | -6.3     | -1.3                         | 7.5                         | 6.5   | 10.7             | 17.8                       | -0.3     | -2.2                         | 8.3             |
|           | MAR. | 3.1                | -13.2            | 20.0                       | -5.8     | -0.9                         | 8.3                         | 5.4   | 2.7              | 18.5                       | -2.2     | -1.8                         | 8.3             |
|           | ABR. | -0.7               | -17.7            | 12.9                       | -7.6     | -1.8                         | 4.2                         | 3.7   | -2.3             | 17.0                       | -3.6     | -1.8                         | 7.1             |
|           | MAY. | -0.9               | -13.9            | 11.3                       | -8.1     | -0.6                         | 3.8                         | 2.7   | -4.5             | 15.9                       | -4.5     | -1.5                         | 6.4             |
|           | JUN. | -0.7               | -13.0            | 10.7                       | -7.7     | -0.4                         | 4.1                         | 2.1   | -5.8             | 15.0                       | -5.0     | -1.3                         | 5.9             |
|           | JUL. | -1.7               | -20.4            | 13.2                       | -9.4     | -0.6                         | 3.7                         | 1.6   | -8.0             | 14.7                       | -5.7     | -1.2                         | 5.6             |
|           | AGO. | -0.3               | -15.8            | 12.4                       | -8.3     | 3.7                          | 4.8                         | 1.3   | -9.0             | 14.4                       | -6.0     | -0.6                         | 5.5             |
|           | SET. | -1.4               | -19.6            | 3.0                        | -11.4    | 7.2                          | 6.1                         | 1.0   | -10.4            | 13.1                       | -6.6     | 0.2                          | 5.6             |
| 2015      | OCT. | -2.9               | -14.3            | -1.5                       | -12.0    | 4.9                          | 3.7                         | 0.6   | -10.8            | 11.5                       | -7.2     | 0.7                          | 5.4             |
|           | NOV. | -3.0               | -28.2            | -3.4                       | -7.1     | 7.0                          | 2.1                         | 0.3   | -12.5            | 10.1                       | -7.2     | 1.2                          | 5.1             |
|           | DIC. | -2.8               | -26.8            | -3.8                       | -6.9     | 7.8                          | 2.2                         | 0.0   | -13.7            | 8.9                        | -7.1     | 1.8                          | 4.8             |
|           | ENE. | -3.1               | -39.0            | -18.2                      | -5.4     | 10.6                         | 4.8                         | -3.1  | -39.0            | -18.2                      | -5.4     | 10.6                         | 4.8             |
|           | FEB. | -5.0               | -24.1            | -21.7                      | -3.8     | 10.6                         | -2.9                        | -4.1  | -32.3            | -19.9                      | -4.6     | 10.6                         | 0.9             |
|           | MAR. | -2.8               | -12.1            | -20.5                      | -5.3     | 9.3                          | 1.5                         | -3.6  | -26.5            | -20.1                      | -4.8     | 10.2                         | 1.1             |
|           | ABR. | -1.1               | -1.5             | -19.9                      | -2.0     | 7.7                          | 1.8                         | -3.0  | -21.4            | -20.1                      | -4.1     | 9.6                          | 1.3             |
|           | MAY. | 0.1                | -1.5             | -21.0                      | -1.2     | 8.6                          | 4.0                         | -2.3  | -18.0            | -20.3                      | -3.5     | 9.4                          | 1.9             |
|           | JUN. | 1.1                | 2.0              | -18.3                      | 2.1      | 6.7                          | 3.2                         | -1.8  | -15.1            | -19.9                      | -2.6     | 8.9                          | 2.1             |
|           | JUL. | 1.4                | 0.2              | -20.0                      | 2.3      | 14.0                         | 2.9                         | -1.3  | -13.1            | -19.9                      | -1.9     | 9.6                          | 2.3             |
|           | AGO. | 1.3                | 0.7              | -22.2                      | 1.9      | 11.3                         | 3.4                         | -1.0  | -11.5            | -20.2                      | -1.5     | 9.8                          | 2.4             |
|           | SET. | 1.3                | -7.4             | -19.6                      | 4.2      | 12.4                         | 2.2                         | -0.7  | -11.0            | -20.1                      | -0.8     | 10.1                         | 2.4             |
| 2016      | OCT. | 1.9                | -9.5             | -15.9                      | 5.1      | 13.0                         | 2.4                         | -0.4  | -10.8            | -19.7                      | -0.3     | 10.4                         | 2.4             |
|           | NOV. | 3.0                | 6.9              | -14.2                      | 5.1      | 10.1                         | 2.8                         | -0.1  | -9.4             | -19.3                      | 0.2      | 10.4                         | 2.4             |
|           | DIC. | 2.7                | 0.3              | -15.8                      | 6.2      | 10.5                         | 2.7                         | 0.1   | -8.7             | -19.0                      | 0.7      | 10.4                         | 2.4             |
|           | ENE. | 1.2                | -12.1            | -8.2                       | 2.9      | 7.5                          | 2.4                         | 1.2   | -12.1            | -8.2                       | 2.9      | 7.5                          | 2.4             |
|           | FEB. | 0.6                | -12.4            | -5.8                       | 3.2      | 7.1                          | 0.5                         | 0.9   | -12.3            | -7.0                       | 3.0      | 7.3                          | 1.5             |
|           | MAR. | 0.5                | -15.5            | -6.8                       | 3.2      | 6.1                          | 1.1                         | 0.8   | -13.4            | -6.9                       | 3.1      | 6.9                          | 1.3             |
|           | ABR. | 0.2                | -17.8            | -5.2                       | 1.2      | 10.2                         | 0.5                         | 0.6   | -14.5            | -6.5                       | 2.6      | 7.7                          | 1.1             |
|           | MAY. | 0.0                | -14.6            | -5.9                       | 1.1      | 10.7                         | -0.3                        | 0.5   | -14.5            | -6.4                       | 2.3      | 8.3                          | 0.8             |
|           | JUN. | -1.7               | -21.1            | -7.9                       | -2.2     | 12.4                         | -0.5                        | 0.1   | -15.7            | -6.6                       | 1.5      | 9.0                          | 0.6             |
|           | JUL. | -1.4               | -20.5            | -5.7                       | -1.7     | 8.3                          | 0.0                         | -0.1  | -16.4            | -6.5                       | 1.1      | 8.9                          | 0.5             |
|           | AGO. | -2.2               | -27.4            | -5.8                       | -1.4     | 5.5                          | -0.2                        | -0.4  | -17.9            | -6.4                       | 0.8      | 8.5                          | 0.4             |
|           | SET. | -2.3               | -29.2            | -5.1                       | -1.0     | 5.2                          | -0.4                        | -0.6  | -19.3            | -6.3                       | 0.6      | 8.1                          | 0.3             |
| 2017      | OCT. | -1.8               | -27.7            | -8.0                       | -0.2     | 2.1                          | 0.8                         | -0.7  | -20.2            | -6.5                       | 0.5      | 7.5                          | 0.3             |
|           | NOV. | -1.6               | -23.0            | -6.4                       | -1.7     | -0.7                         | 1.7                         | -0.8  | -20.4            | -6.5                       | 0.3      | 6.7                          | 0.5             |
|           | DIC. | -1.6               | -18.1            | -7.1                       | -3.1     | -1.5                         | 2.2                         | -0.9  | -20.2            | -6.5                       | 0.0      | 5.9                          | 0.6             |
|           | ENE. | -0.8               | -5.8             | -2.6                       | -2.4     | 0.6                          | 1.0                         | -0.8  | -5.8             | -2.6                       | -2.4     | 0.6                          | 1.0             |
|           | FEB. | 2.8                | -11.0            | -2.8                       | -0.6     | -1.0                         | 8.8                         | 1.0   | -8.4             | -2.7                       | -1.5     | -0.2                         | 4.7             |
|           | MAR. | 1.3                | -11.2            | -7.9                       | -1.1     | 6.7                          | 4.9                         | 1.1   | -9.3             | -4.5                       | -1.4     | 2.1                          | 4.8             |
|           | ABR. | -0.9               | -10.1            | -8.3                       | -1.6     | 1.0                          | 1.4                         | 0.5   | -9.5             | -5.5                       | -1.4     | 1.8                          | 3.9             |
|           | MAY. | 0.1                | -12.3            | -5.6                       | -2.0     | 2.9                          | 3.3                         | 0.5   | -10.1            | -5.5                       | -1.5     | 2.0                          | 3.7             |
|           |      |                    |                  |                            |          |                              |                             |       |                  |                            |          |                              |                 |
|           |      |                    |                  |                            |          |                              |                             |       |                  |                            |          |                              |                 |
|           |      |                    |                  |                            |          |                              |                             |       |                  |                            |          |                              |                 |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49  
TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |
| JUN.      | 0.1                | -8.4             | -7.8                       | -0.9     | 3.7                          | 2.2             | 0.4                         | -9.8             | -5.9                       | -1.4     | 2.3                          | 3.5             |
| JUL.      | 0.2                | -8.1             | -6.4                       | -1.9     | 4.1                          | 2.8             | 0.4                         | -9.6             | -6.0                       | -1.5     | 2.6                          | 3.4             |
| AGO.      | 0.1                | -5.4             | -0.3                       | -3.0     | 7.3                          | 1.4             | 0.3                         | -9.1             | -5.3                       | -1.7     | 3.2                          | 3.1             |
| SET.      | 0.7                | -5.2             | 0.5                        | -3.9     | 6.6                          | 3.3             | 0.4                         | -8.6             | -4.6                       | -1.9     | 3.6                          | 3.1             |
| OCT.      | 0.6                | -4.4             | 0.5                        | -5.2     | 7.3                          | 3.6             | 0.4                         | -8.2             | -4.1                       | -2.3     | 3.9                          | 3.2             |
| NOV.      | 0.3                | -6.9             | -0.5                       | -5.1     | 11.7                         | 2.5             | 0.4                         | -8.1             | -3.8                       | -2.5     | 4.6                          | 3.1             |
| DIC.      | 1.4                | 7.2              | -1.0                       | -4.3     | 12.6                         | 2.8             | 0.5                         | -6.9             | -3.6                       | -2.7     | 5.3                          | 3.1             |
| 2018 ENE. | 1.0                | 7.4              | -1.2                       | -6.5     | 14.6                         | 3.4             | 1.0                         | 7.4              | -1.2                       | -6.5     | 14.6                         | 3.4             |
| FEB.      | -0.5               | 14.7             | -3.0                       | -7.1     | 5.1                          | 1.7             | 0.2                         | 11.0             | -2.1                       | -6.8     | 9.9                          | 2.6             |
| MAR.      | -1.6               | -1.8             | -5.0                       | -6.0     | -4.9                         | 2.2             | -0.4                        | 6.8              | -3.0                       | -6.5     | 4.8                          | 2.4             |
| ABR.      | -0.3               | 15.7             | -6.9                       | -7.9     | -0.1                         | 3.4             | -0.4                        | 9.0              | -4.0                       | -6.9     | 3.5                          | 2.7             |
| MAY.      | -2.4               | 5.1              | -1.2                       | -7.6     | -2.7                         | -0.5            | -0.8                        | 8.2              | -3.4                       | -7.0     | 2.2                          | 2.0             |
| JUN.      | -2.3               | -0.4             | 3.3                        | -8.6     | -3.7                         | 0.5             | -1.1                        | 6.8              | -2.3                       | -7.3     | 1.2                          | 1.7             |
| JUL.      | -3.6               | 0.3              | -2.6                       | -9.1     | -5.3                         | -0.9            | -1.4                        | 5.9              | -2.4                       | -7.5     | 0.2                          | 1.3             |
| AGO.      | -2.9               | -2.3             | -7.4                       | -7.9     | -3.8                         | 0.6             | -1.6                        | 4.8              | -3.0                       | -7.6     | -0.3                         | 1.2             |
| SET.      | -4.3               | -2.2             | -9.2                       | -8.0     | -4.6                         | -1.8            | -1.9                        | 4.0              | -3.7                       | -7.6     | -0.8                         | 0.9             |
| OCT.      | -3.3               | -0.6             | -8.5                       | -6.6     | -0.1                         | -1.7            | -2.1                        | 3.6              | -4.2                       | -7.5     | -0.7                         | 0.6             |
| NOV.      | -2.4               | 1.4              | -7.6                       | -5.5     | -2.8                         | -0.3            | -2.1                        | 3.4              | -4.5                       | -7.4     | -0.9                         | 0.5             |
| DIC.      | -2.1               | 2.1              | -6.7                       | -3.5     | -3.0                         | -1.3            | -2.1                        | 3.3              | -4.7                       | -7.0     | -1.1                         | 0.4             |
| 2019 ENE. | 0.3                | 9.1              | 8.9                        | -3.1     | -8.6                         | 1.7             | 0.3                         | 9.1              | 8.9                        | -3.1     | -8.6                         | 1.7             |
| FEB.      | 1.3                | 6.6              | 11.4                       | -4.7     | -4.4                         | 3.9             | 0.8                         | 7.8              | 10.1                       | -3.9     | -6.6                         | 2.8             |
| MAR.      | -0.4               | 5.3              | 10.9                       | -5.8     | -1.5                         | 0.6             | 0.4                         | 7.1              | 10.4                       | -4.5     | -5.0                         | 2.0             |
| ABR.      | -1.1               | -10.2            | 12.8                       | -5.1     | 3.8                          | -0.8            | 0.0                         | 2.6              | 11.0                       | -4.7     | -2.9                         | 1.2             |
| MAY.      | 0.0                | 1.2              | 10.0                       | -5.4     | 1.5                          | 1.0             | 0.0                         | 2.3              | 10.8                       | -4.8     | -2.0                         | 1.2             |
| JUN.      | 1.1                | 1.4              | 4.2                        | -3.6     | 7.8                          | 1.8             | 0.2                         | 2.2              | 9.6                        | -4.6     | -0.4                         | 1.3             |
| JUL.      | 3.5                | -2.3             | 20.5                       | -1.7     | 8.3                          | 3.6             | 0.7                         | 1.6              | 11.1                       | -4.2     | 0.8                          | 1.6             |
| AGO.      | 3.2                | -2.3             | 22.0                       | -3.4     | 6.7                          | 4.0             | 1.0                         | 1.1              | 12.5                       | -4.1     | 1.6                          | 2.0             |
| SET.      | 4.1                | -0.8             | 26.6                       | -2.1     | 4.7                          | 4.5             | 1.3                         | 0.9              | 14.0                       | -3.9     | 1.9                          | 2.2             |
| OCT.      | 3.3                | 30.9             | 11.1                       | -4.4     | 3.5                          | 3.6             | 1.5                         | 3.8              | 13.7                       | -3.9     | 2.1                          | 2.4             |
| NOV. P/   | 2.2                | 27.0             | 8.7                        | -4.9     | 3.1                          | 2.5             | 1.6                         | 5.8              | 13.3                       | -4.0     | 2.2                          | 2.4             |

**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 PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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. | -1.1               | -23.5             | -1.8                           | 13.0     | -3.6                            | 2.7              | -1.5                        | -40               | -1.7                           | 9.4      | 4.3                             | 2.1              |
| NOV.      | -5.3               | -37.0             | -5.1                           | 0.3      | -11.1                           | 1.7              | -2.9                        | -44               | -3.6                           | 6.9      | 1.8                             | 2.1              |
| DIC.      | -7.5               | -95.0             | -2.6                           | 2.3      | -15.4                           | 2.3              | -3.6                        | -49               | -4.3                           | 6.2      | -0.5                            | 2.0              |
| 1999 ENE. | -8.2               | -                 | 10.3                           | -13.7    | -17.0                           | -1.3             | -8.2                        | -                 | 10.3                           | -13.7    | -17.0                           | -1.3             |
| FEB.      | -4.8               | -                 | 13.3                           | -5.6     | -5.1                            | -6.9             | -6.5                        | -                 | 11.8                           | -9.8     | -11.1                           | -4.2             |
| MAR.      | -2.6               | -                 | 14.4                           | 3.9      | -7.3                            | -4.9             | -5.3                        | -                 | 12.6                           | -5.4     | -9.9                            | -4.4             |
| ABR.      | -6.4               | 102.0             | 6.4                            | 5.7      | -14.0                           | -7.8             | -5.5                        | 53                | 11.1                           | -2.7     | -10.9                           | -5.3             |
| MAY.      | -3.6               | 2,698.3           | 10.8                           | -2.2     | -18.2                           | -6.9             | -5.1                        | 1,152             | 11.0                           | -2.6     | -12.4                           | -5.6             |
| JUN.      | -2.4               | 2,732.6           | 9.5                            | -1.8     | -13.3                           | -5.2             | -4.7                        | 1,564             | 10.8                           | -2.4     | -12.6                           | -5.5             |
| JUL.      | -7.9               | 176.4             | 4.0                            | -7.2     | -13.6                           | -7.3             | -5.2                        | 1,235             | 9.8                            | -3.1     | -12.7                           | -5.8             |
| AGO.      | -9.1               | 186.9             | -4.8                           | -7.4     | -14.1                           | -6.6             | -5.7                        | 1,039             | 8.0                            | -3.7     | -12.9                           | -5.9             |
| SET.      | -5.8               | 495.7             | 0.1                            | -10.2    | -15.7                           | -3.9             | -5.7                        | 951               | 7.1                            | -4.4     | -13.2                           | -5.7             |
| OCT.      | -5.5               | 285.4             | 4.9                            | -10.0    | -6.1                            | -4.6             | -5.7                        | 844               | 6.9                            | -5.0     | -12.6                           | -5.6             |
| NOV.      | -3.5               | 398.8             | 3.4                            | 0.0      | -2.5                            | -5.3             | -5.5                        | 784               | 6.6                            | -4.6     | -11.7                           | -5.6             |
| DIC.      | -2.7               | 3,635.2           | 6.4                            | -0.1     | -1.2                            | -5.5             | -5.2                        | 791               | 6.5                            | -4.2     | -11.0                           | -5.6             |
| 2000 ENE. | -2.3               | -                 | -2.6                           | 3.7      | -0.9                            | -3.8             | -2.3                        | -                 | -2.6                           | 3.7      | -0.9                            | -3.8             |
| FEB.      | -2.3               | -                 | -2.1                           | 7.8      | -5.6                            | -3.4             | -2.3                        | -                 | -2.3                           | 5.7      | -3.3                            | -3.6             |
| MAR.      | -6.3               | -                 | -15.1                          | -4.8     | -5.6                            | -2.8             | -3.7                        | -                 | -6.6                           | 2.0      | -4.1                            | -3.3             |
| ABR.      | -2.6               | 111.6             | -8.2                           | -4.8     | -1.4                            | 0.2              | -3.4                        | 130               | -7.0                           | 0.2      | -3.4                            | -2.5             |
| MAY.      | -2.7               | -85.2             | -10.0                          | -0.8     | 3.5                             | 4.2              | -3.3                        | -71               | -7.6                           | 0.0      | -2.1                            | -1.2             |
| JUN.      | -5.6               | -98.3             | -7.5                           | -0.2     | 5.7                             | 1.0              | -3.7                        | -81               | -7.6                           | -0.1     | -0.8                            | -0.8             |
| JUL.      | 0.1                | -14.6             | -0.9                           | 2.2      | 3.4                             | 1.8              | -3.1                        | -77               | -6.7                           | 0.3      | -0.2                            | -0.4             |
| AGO.      | 0.9                | 100.8             | 5.6                            | 4.1      | 0.8                             | -2.0             | -2.7                        | -71               | -5.3                           | 0.7      | -0.1                            | -0.6             |
| SET.      | -2.2               | 22.7              | -0.1                           | 0.8      | 3.4                             | -4.7             | -2.6                        | -65               | -4.8                           | 0.7      | 0.3                             | -1.1             |
| OCT.      | -1.7               | 31.5              | -10.7                          | 0.3      | 2.3                             | -0.1             | -2.5                        | -59               | -5.4                           | 0.7      | 0.5                             | -1.0             |
| NOV.      | -2.0               | 11.9              | -8.6                           | -2.2     | 3.5                             | 0.9              | -2.5                        | -54               | -5.6                           | 0.4      | 0.7                             | -0.8             |
| DIC.      | -4.6               | -79.3             | -15.2                          | -4.7     | 0.9                             | 1.6              | -2.6                        | -54               | -6.5                           | 0.0      | 0.8                             | -0.6             |
| 2001 ENE. | -2.8               | 64.2              | -13.6                          | -5.9     | 0.8                             | -0.9             | -2.8                        | 64                | -13.6                          | -5.9     | 0.8                             | -0.9             |
| FEB.      | -1.7               | 87.9              | -13.0                          | -5.6     | -2.6                            | -0.1             | -2.2                        | 76                | -13.3                          | -5.8     | -1.0                            | -0.5             |
| MAR.      | 0.8                | 109.5             | 0.7                            | -6.5     | -1.4                            | -1.8             | -1.3                        | 86                | -9.0                           | -6.0     | -1.1                            | -1.0             |
| ABR.      | 1.3                | 101.1             | -4.9                           | -7.5     | -3.6                            | 2.0              | -0.6                        | 89                | -8.1                           | -6.4     | -1.7                            | -0.2             |
| MAY.      | 1.2                | 86.5              | -0.1                           | -2.7     | -2.7                            | -0.2             | -0.3                        | 89                | -6.5                           | -5.7     | -1.9                            | -0.2             |
| JUN.      | 2.8                | 1,800.0           | 0.3                            | -4.3     | -7.0                            | -1.6             | 0.3                         | 126               | -5.4                           | -5.4     | -2.8                            | -0.4             |
| JUL.      | 2.8                | 268.5             | 10.6                           | -4.4     | -8.4                            | -2.4             | 0.6                         | 139               | -3.1                           | -5.3     | -3.6                            | -0.7             |
| AGO.      | 9.0                | 180.5             | 14.1                           | -1.5     | -7.4                            | 0.4              | 1.7                         | 147               | -1.0                           | -4.8     | -4.1                            | -0.6             |
| SET.      | 8.1                | 117.8             | 14.1                           | -0.9     | -11.7                           | 1.7              | 2.4                         | 142               | 0.7                            | -4.4     | -5.0                            | -0.3             |
| OCT.      | 5.1                | 66.0              | 14.4                           | 0.8      | -12.7                           | 0.6              | 2.7                         | 129               | 2.0                            | -3.9     | -5.7                            | -0.2             |
| NOV.      | -3.2               | -54.9             | 3.1                            | 2.3      | -13.9                           | 1.5              | 2.1                         | 101               | 2.1                            | -3.3     | -6.5                            | -0.1             |
| DIC.      | 5.7                | 837.3             | 4.0                            | 6.3      | -9.4                            | -0.5             | 2.4                         | 113               | 2.2                            | -2.6     | -6.7                            | -0.1             |
| 2002 ENE. | 0.6                | -10.5             | 3.2                            | 6.6      | -8.0                            | -1.0             | 0.6                         | -11               | 3.2                            | 6.6      | -8.0                            | -1.0             |
| FEB.      | 0.7                | -15.3             | -2.6                           | 5.7      | -8.8                            | 1.5              | 0.7                         | -13               | 0.3                            | 6.1      | -8.4                            | 0.2              |
| MAR.      | 2.7                | -10.3             | 3.9                            | 7.5      | -9.7                            | 2.1              | 1.3                         | -12               | 1.5                            | 6.6      | -8.9                            | 0.8              |
| ABR.      | 1.8                | -29.0             | 6.4                            | 11.5     | -9.2                            | 2.4              | 1.5                         | -16               | 2.7                            | 7.8      | -8.9                            | 1.3              |
| MAY.      | -0.9               | -53.4             | 0.8                            | 11.9     | -10.3                           | 3.5              | 1.0                         | -23               | 2.3                            | 8.7      | -9.2                            | 1.7              |
| JUN.      | -0.9               | -60.3             | -5.9                           | 13.3     | -5.6                            | 6.0              | 0.7                         | -30               | 0.9                            | 9.4      | -8.6                            | 2.4              |
| JUL.      | 0.9                | -45.8             | -6.6                           | 16.6     | -6.5                            | 7.2              | 0.7                         | -32               | -0.4                           | 10.5     | -8.3                            | 3.1              |
| AGO.      | -4.1               | -65.8             | -4.1                           | 5.9      | -7.6                            | 6.5              | 0.0                         | -39               | -0.9                           | 9.9      | -8.2                            | 3.6              |
| SET.      | -3.4               | -63.8             | 3.9                            | 8.7      | -2.5                            | 3.1              | -0.4                        | -43               | -0.3                           | 9.7      | -7.6                            | 3.5              |
| OCT.      | -2.0               | -63.2             | -2.0                           | 12.6     | -2.5                            | 5.0              | -0.5                        | -46               | -0.5                           | 10.0     | -7.2                            | 3.7              |
| NOV.      | 6.2                | 25.6              | 6.6                            | 11.5     | 0.3                             | 4.7              | 0.1                         | -43               | 0.1                            | 10.2     | -6.5                            | 3.8              |
| DIC.      | -0.3               | -42.9             | 0.2                            | 9.1      | -4.5                            | 5.0              | 0.0                         | -43               | 0.1                            | 10.1     | -6.4                            | 3.9              |
| 2003 ENE. | -0.1               | -38.6             | 2.6                            | 12.1     | -5.6                            | 3.4              | -0.1                        | -39               | 2.6                            | 12.1     | -5.6                            | 3.4              |
| FEB.      | -3.3               | -40.5             | 4.0                            | 11.4     | -3.0                            | -2.3             | -1.7                        | -40               | 3.3                            | 11.8     | -4.3                            | 0.6              |
| MAR.      | -2.9               | -42.7             | -3.3                           | 10.3     | 0.6                             | 0.7              | -2.1                        | -41               | 1.0                            | 11.3     | -2.7                            | 0.6              |
| ABR.      | -1.2               | -24.0             | 3.3                            | 8.3      | 0.0                             | -1.6             | -1.9                        | -37               | 1.6                            | 10.5     | -2.0                            | 0.0              |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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/ |
| 2004 MAY. | 4.2                | -10.0             | 4.1                            | 4.7      | -0.8                            | 5.9              | -0.7                        | -34               | 2.1                            | 9.3      | -1.8                            | 1.3              |
| JUN.      | 3.4                | -7.7              | 2.9                            | 4.3      | -0.8                            | 4.9              | 0.0                         | -31               | 2.2                            | 8.4      | -1.6                            | 1.9              |
| JUL.      | 1.9                | -15.6             | -6.9                           | 5.4      | 15.4                            | 4.0              | 0.3                         | -30               | 0.8                            | 8.0      | 0.8                             | 2.2              |
| AGO.      | 0.4                | -16.3             | -1.6                           | 15.6     | 17.6                            | -2.0             | 0.3                         | -28               | 0.5                            | 8.9      | 2.9                             | 1.7              |
| SET.      | 3.8                | -18.5             | -8.7                           | 12.9     | 15.8                            | 7.3              | 0.7                         | -27               | -0.7                           | 9.4      | 4.3                             | 2.3              |
| OCT.      | 6.3                | 7.4               | -0.2                           | 6.6      | 19.6                            | 6.6              | 1.3                         | -24               | -0.6                           | 9.1      | 5.8                             | 2.8              |
| NOV.      | 5.7                | 0.6               | -5.0                           | 9.0      | 18.6                            | 7.1              | 1.7                         | -22               | -1.0                           | 9.1      | 6.9                             | 3.2              |
| DIC.      | 7.0                | 1.5               | 0.6                            | 7.2      | 18.2                            | 8.0              | 2.1                         | -21               | -0.9                           | 8.9      | 7.8                             | 3.6              |
| 2004 ENE. | 6.8                | 1.9               | 0.0                            | 8.8      | 20.4                            | 7.1              | 6.8                         | 2                 | 0.0                            | 8.8      | 20.4                            | 7.1              |
| FEB.      | 6.4                | -24.9             | 2.0                            | 0.3      | 20.7                            | 9.8              | 6.6                         | -12               | 1.0                            | 4.5      | 20.6                            | 8.5              |
| MAR.      | 7.2                | 1.1               | 9.1                            | -4.4     | 16.8                            | 8.2              | 6.8                         | -7                | 3.7                            | 1.6      | 19.3                            | 8.4              |
| ABR.      | 3.8                | 8.4               | 3.2                            | -2.4     | 20.2                            | 2.4              | 6.0                         | -3                | 3.5                            | 0.6      | 19.5                            | 6.8              |
| MAY.      | 4.5                | 33.8              | 3.3                            | 1.3      | 23.6                            | 1.7              | 5.7                         | 2                 | 3.5                            | 0.7      | 20.3                            | 5.7              |
| JUN.      | 8.1                | 36.1              | 18.1                           | 2.6      | 19.7                            | 3.8              | 6.1                         | 7                 | 5.9                            | 1.0      | 20.2                            | 5.4              |
| JUL.      | 7.6                | 20.8              | 26.1                           | -5.5     | 5.4                             | 4.8              | 6.3                         | 9                 | 8.8                            | 0.1      | 17.8                            | 5.3              |
| AGO.      | 17.1               | 18.6              | 54.0                           | -5.7     | 5.2                             | 11.5             | 7.7                         | 10                | 14.9                           | -0.7     | 16.1                            | 6.1              |
| SET.      | 12.0               | 29.2              | 50.9                           | -3.2     | 8.8                             | 2.1              | 8.2                         | 13                | 19.1                           | -1.0     | 15.2                            | 5.6              |
| OCT.      | 12.1               | 18.7              | 56.1                           | 4.4      | 3.3                             | 1.7              | 8.7                         | 13                | 22.9                           | -0.4     | 13.9                            | 5.2              |
| NOV.      | 11.2               | 13.3              | 48.0                           | 2.7      | 2.9                             | 4.0              | 8.9                         | 13                | 25.2                           | -0.1     | 12.8                            | 5.0              |
| DIC.      | 11.8               | 16.7              | 55.5                           | 3.1      | 4.1                             | 2.6              | 9.2                         | 14                | 27.6                           | 0.1      | 12.0                            | 4.8              |
| 2005 ENE. | 17.4               | 17.0              | 79.8                           | 9.0      | -0.7                            | 2.9              | 17.4                        | 17                | 79.8                           | 9.0      | -0.7                            | 2.9              |
| FEB.      | 17.5               | 13.2              | 77.6                           | 15.0     | -3.5                            | 2.6              | 17.4                        | 15                | 78.7                           | 11.9     | -2.1                            | 2.8              |
| MAR.      | 9.5                | -16.4             | 54.7                           | 20.8     | -10.0                           | -1.8             | 14.8                        | 4                 | 70.3                           | 14.7     | -4.8                            | 1.2              |
| ABR.      | 11.9               | -28.9             | 60.3                           | 16.7     | -13.7                           | 2.1              | 14.0                        | -5                | 67.7                           | 15.2     | -7.0                            | 1.4              |
| MAY.      | 9.8                | -22.2             | 52.7                           | 11.1     | -15.9                           | 3.7              | 13.1                        | -9                | 64.6                           | 14.3     | -8.9                            | 1.9              |
| JUN.      | 8.4                | -3.5              | 38.1                           | 12.4     | -9.1                            | 3.4              | 12.3                        | -8                | 59.8                           | 14.0     | -8.9                            | 2.2              |
| JUL.      | 9.4                | 6.5               | 33.2                           | 19.0     | -10.3                           | 3.8              | 11.9                        | -6                | 55.4                           | 14.7     | -9.1                            | 2.4              |
| AGO.      | 3.3                | 17.5              | 8.3                            | 15.9     | -5.7                            | -0.7             | 10.7                        | -2                | 46.9                           | 14.8     | -8.7                            | 2.0              |
| SET.      | 5.5                | 6.5               | 14.7                           | 13.6     | -6.2                            | 1.5              | 10.0                        | -1                | 42.0                           | 14.7     | -8.4                            | 2.0              |
| OCT.      | 2.4                | 3.9               | 4.6                            | 8.7      | -4.8                            | 2.5              | 9.2                         | 0                 | 37.1                           | 14.1     | -8.0                            | 2.0              |
| NOV.      | 4.5                | 2.5               | 17.4                           | 8.4      | -5.0                            | 1.4              | 8.7                         | 0                 | 35.1                           | 13.5     | -7.7                            | 2.0              |
| DIC.      | 9.1                | 6.5               | 29.2                           | 9.7      | -1.1                            | 2.0              | 8.8                         | 0                 | 34.5                           | 13.2     | -7.2                            | 2.0              |
| 2006 ENE. | 1.0                | -9.4              | 2.4                            | 2.6      | 4.2                             | -0.2             | 1.0                         | -9                | 2.4                            | 2.6      | 4.2                             | -0.2             |
| FEB.      | 1.4                | 41.3              | -3.4                           | 4.1      | 3.6                             | 0.8              | 1.2                         | 12                | -0.5                           | 3.3      | 3.9                             | 0.3              |
| MAR.      | 5.1                | 40.1              | 3.4                            | 6.6      | 11.1                            | 2.0              | 2.4                         | 20                | 0.7                            | 4.4      | 6.2                             | 0.9              |
| ABR.      | 9.5                | 64.6              | 8.3                            | 7.9      | 14.8                            | 6.4              | 4.2                         | 30                | 2.6                            | 5.3      | 8.2                             | 2.2              |
| MAY.      | 8.3                | 58.7              | 9.3                            | 10.1     | 15.7                            | 2.9              | 5.0                         | 35                | 3.9                            | 6.2      | 9.6                             | 2.4              |
| JUN.      | 7.7                | 20.0              | 13.8                           | 7.6      | -14.3                           | 5.1              | 5.5                         | 32                | 5.5                            | 6.5      | 5.5                             | 2.9              |
| JUL.      | 3.7                | 3.7               | 3.2                            | 3.9      | -7.4                            | 4.7              | 5.2                         | 27                | 5.1                            | 6.1      | 3.7                             | 3.2              |
| AGO.      | 3.8                | -3.5              | 4.3                            | 4.4      | -7.9                            | 5.3              | 5.0                         | 22                | 5.0                            | 5.9      | 2.1                             | 3.4              |
| SET.      | 7.1                | -0.3              | 3.9                            | 2.7      | -9.8                            | 13.5             | 5.3                         | 18                | 4.9                            | 5.5      | 0.7                             | 4.6              |
| OCT.      | 10.5               | 14.0              | 15.7                           | 2.3      | -10.0                           | 11.3             | 5.8                         | 18                | 6.0                            | 5.2      | -0.4                            | 5.3              |
| NOV.      | 12.7               | 28.5              | 20.3                           | 1.0      | -10.1                           | 11.9             | 6.5                         | 19                | 7.3                            | 4.8      | -1.3                            | 5.9              |
| DIC.      | 9.4                | 22.5              | 9.4                            | 1.1      | -10.2                           | 12.4             | 6.7                         | 19                | 7.5                            | 4.5      | -2.1                            | 6.5              |
| 2007 ENE. | 6.8                | -10.4             | -0.3                           | 5.2      | -14.6                           | 17.0             | 6.8                         | -10               | -0.3                           | 5.2      | -14.6                           | 17.0             |
| FEB.      | 8.3                | 19.2              | 16.5                           | 4.3      | -15.1                           | 5.5              | 7.5                         | 5                 | 7.8                            | 4.8      | -14.9                           | 11.3             |
| MAR.      | 9.1                | 21.5              | 17.8                           | 3.6      | -15.4                           | 6.4              | 8.0                         | 11                | 11.0                           | 4.4      | -15.0                           | 9.7              |
| ABR.      | 5.1                | 13.8              | 6.2                            | 5.1      | -16.9                           | 5.7              | 7.3                         | 12                | 9.8                            | 4.6      | -15.5                           | 8.7              |
| MAY.      | 11.5               | 15.8              | 23.1                           | 4.8      | -16.5                           | 8.1              | 8.1                         | 13                | 12.5                           | 4.6      | -15.7                           | 8.5              |
| JUN.      | 9.8                | -11.8             | 24.8                           | 2.8      | 5.5                             | 4.0              | 8.4                         | 8                 | 14.5                           | 4.3      | -12.7                           | 7.7              |
| JUL.      | 12.6               | 34.8              | 27.7                           | 8.2      | -6.9                            | 4.0              | 9.0                         | 12                | 16.4                           | 4.8      | -12.0                           | 7.1              |
| AGO.      | 10.9               | 21.3              | 26.9                           | 7.2      | -8.1                            | 1.3              | 9.3                         | 14                | 17.8                           | 5.1      | -11.5                           | 6.4              |
| SET.      | 4.3                | 21.3              | 21.6                           | 11.1     | -8.9                            | -9.8             | 8.7                         | 14                | 18.2                           | 5.8      | -11.2                           | 4.4              |
| OCT.      | 12.3               | 11.3              | 34.8                           | 10.4     | -5.8                            | -0.6             | 9.1                         | 14                | 20.0                           | 6.2      | -10.7                           | 3.8              |
| NOV.      | 9.7                | 10.0              | 24.5                           | 11.6     | -5.0                            | 0.2              | 9.1                         | 14                | 20.5                           | 6.7      | -10.2                           | 3.4              |

**CIUDAD DE PIURA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, OCTUBRE 1998 - NOVIEMBRE 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      | DIC. | 8.6                | 0.5               | 20.9                           | 12.5     | -6.1                            | 0.8              | 9.1                         | 12                | 20.5                           | 7.2      | -9.9                            | 3.2              |
|           | ENE. | 8.1                | 20.3              | 28.2                           | 9.7      | -4.4                            | -6.3             | 8.1                         | 20                | 28.2                           | 9.7      | -4.4                            | -6.3             |
|           | FEB. | 5.4                | 9.0               | 9.9                            | 10.1     | -1.9                            | -0.3             | 6.8                         | 14                | 18.7                           | 9.9      | -3.2                            | -3.5             |
|           | MAR. | 9.4                | 12.2              | 12.7                           | 10.5     | 0.6                             | 6.3              | 7.6                         | 13                | 16.6                           | 10.1     | -1.9                            | -0.4             |
|           | ABR. | 9.6                | 19.8              | 13.8                           | 9.2      | 0.9                             | 5.7              | 8.1                         | 15                | 15.9                           | 9.9      | -1.2                            | 1.2              |
|           | MAY. | 5.2                | 26.2              | 6.1                            | 8.3      | 1.4                             | 1.6              | 7.5                         | 17                | 13.7                           | 9.5      | -0.7                            | 1.2              |
|           | JUN. | 6.0                | 84.5              | 4.4                            | 11.7     | 11.1                            | -0.6             | 7.2                         | 26                | 12.0                           | 9.9      | 1.3                             | 0.9              |
|           | JUL. | 8.5                | 29.8              | 14.8                           | 10.8     | 21.5                            | -0.2             | 7.4                         | 27                | 12.4                           | 10.0     | 4.0                             | 0.7              |
|           | AGO. | 17.7               | 36.0              | 36.5                           | 13.5     | 17.2                            | 2.4              | 8.8                         | 28                | 15.9                           | 10.5     | 5.6                             | 0.9              |
|           | SET. | 19.5               | 29.3              | 38.1                           | 12.8     | 3.9                             | 7.5              | 10.0                        | 28                | 18.6                           | 10.7     | 5.4                             | 1.6              |
|           | OCT. | 14.0               | 27.8              | 23.7                           | 12.7     | 2.5                             | 7.5              | 10.5                        | 28                | 19.2                           | 10.9     | 5.1                             | 2.3              |
| 2009      | NOV. | 12.4               | 22.9              | 25.7                           | 13.1     | 5.0                             | 2.5              | 10.7                        | 28                | 19.9                           | 11.1     | 5.1                             | 2.3              |
|           | DIC. | 11.8               | 37.8              | 22.3                           | 13.7     | 7.4                             | 1.8              | 10.8                        | 29                | 20.1                           | 11.4     | 5.3                             | 2.3              |
|           | ENE. | 17.5               | 64.9              | 22.9                           | 12.6     | 8.8                             | 13.1             | 17.5                        | 65                | 22.9                           | 12.6     | 8.8                             | 13.1             |
|           | FEB. | 8.2                | 18.1              | 7.5                            | 14.4     | 4.2                             | 4.9              | 12.9                        | 38                | 15.5                           | 13.5     | 6.4                             | 9.1              |
|           | MAR. | 3.8                | 9.5               | 2.4                            | 12.4     | 7.6                             | -0.1             | 9.9                         | 27                | 11.2                           | 13.1     | 6.8                             | 6.0              |
|           | ABR. | 3.8                | -4.8              | 5.5                            | 9.3      | 7.6                             | 0.8              | 8.3                         | 18                | 9.7                            | 12.1     | 7.0                             | 4.6              |
|           | MAY. | 3.8                | -6.6              | 2.8                            | 8.4      | 1.1                             | 4.2              | 7.3                         | 12                | 8.3                            | 11.4     | 5.8                             | 4.5              |
|           | JUN. | 2.7                | -22.8             | 2.9                            | 5.1      | -9.4                            | 6.3              | 6.5                         | 5                 | 7.4                            | 10.3     | 3.0                             | 4.8              |
|           | JUL. | 8.8                | -11.7             | 20.2                           | 3.7      | -9.4                            | 7.2              | 6.9                         | 2                 | 9.4                            | 9.4      | 1.1                             | 5.2              |
|           | AGO. | 4.4                | -22.1             | 5.0                            | 2.1      | -10.4                           | 11.9             | 6.5                         | -1                | 8.7                            | 8.4      | -0.5                            | 6.0              |
|           | SET. | 5.5                | -21.8             | 5.8                            | 1.0      | 1.1                             | 12.8             | 6.4                         | -4                | 8.2                            | 7.6      | -0.3                            | 6.8              |
| 2010      | OCT. | 4.2                | -26.0             | 8.7                            | 2.3      | 0.7                             | 5.8              | 6.1                         | -7                | 8.3                            | 7.0      | -0.2                            | 6.7              |
|           | NOV. | 14.2               | -20.0             | 33.3                           | 0.3      | -1.7                            | 8.5              | 7.0                         | -8                | 11.1                           | 6.4      | -0.4                            | 6.9              |
|           | DIC. | 10.1               | -23.4             | 23.4                           | -0.1     | -2.8                            | 8.4              | 7.3                         | -10               | 12.3                           | 5.8      | -0.6                            | 7.0              |
|           | ENE. | 7.1                | -29.2             | 29.5                           | 0.5      | -2.9                            | -2.7             | 7.1                         | -29               | 29.5                           | 0.5      | -2.9                            | -2.7             |
|           | FEB. | 3.4                | -20.7             | -3.5                           | -1.1     | 11.8                            | 12.3             | 5.4                         | -25               | 14.7                           | -0.3     | 4.4                             | 4.3              |
|           | MAR. | 3.3                | -39.9             | 1.8                            | 0.2      | 6.1                             | 10.6             | 4.7                         | -30               | 10.8                           | -0.1     | 5.0                             | 6.3              |
|           | ABR. | 0.1                | -35.4             | -9.3                           | 0.7      | 9.0                             | 8.7              | 3.6                         | -31               | 6.0                            | 0.1      | 6.0                             | 6.9              |
|           | MAY. | 6.2                | -46.5             | 5.8                            | 2.4      | 14.3                            | 11.8             | 4.1                         | -34               | 5.9                            | 0.5      | 7.6                             | 8.0              |
|           | JUN. | 9.3                | -41.5             | 10.6                           | 5.6      | 15.4                            | 12.6             | 5.0                         | -35               | 6.7                            | 1.4      | 8.9                             | 8.8              |
|           | JUL. | 4.0                | -38.9             | -3.8                           | 9.0      | 14.7                            | 10.9             | 4.9                         | -36               | 4.9                            | 2.4      | 9.7                             | 9.1              |
|           | AGO. | 11.3               | -33.3             | 20.2                           | 8.9      | 15.8                            | 3.1              | 5.7                         | -35               | 7.4                            | 3.2      | 10.4                            | 8.3              |
| 2011      | SET. | 18.4               | -9.5              | 36.9                           | 6.8      | 16.2                            | 2.0              | 7.3                         | -33               | 11.5                           | 3.6      | 11.1                            | 7.6              |
|           | OCT. | 24.1               | -6.5              | 49.2                           | 6.1      | 15.0                            | 4.5              | 9.2                         | -30               | 16.3                           | 3.8      | 11.4                            | 7.2              |
|           | NOV. | 11.1               | 25.5              | 12.3                           | 7.3      | 14.0                            | 3.1              | 9.4                         | -25               | 15.8                           | 4.2      | 11.7                            | 6.8              |
|           | DIC. | 28.5               | -16.5             | 45.3                           | 41.4     | 14.6                            | 3.9              | 11.2                        | -25               | 19.0                           | 7.3      | 11.9                            | 6.6              |
|           | ENE. | 21.9               | 10.7              | 18.0                           | 42.9     | 13.3                            | 9.4              | 21.9                        | 11                | 18.0                           | 42.9     | 13.3                            | 9.4              |
|           | FEB. | 29.5               | -0.2              | 62.0                           | 41.1     | 1.9                             | 2.8              | 25.4                        | 5                 | 34.6                           | 42.0     | 7.2                             | 6.1              |
|           | MAR. | 20.9               | 4.0               | 25.5                           | 40.3     | 1.1                             | 7.4              | 24.0                        | 5                 | 32.1                           | 41.4     | 5.1                             | 6.5              |
|           | ABR. | 25.9               | 5.3               | 39.1                           | 37.2     | 1.9                             | 13.1             | 24.4                        | 5                 | 33.5                           | 40.4     | 4.3                             | 8.2              |
|           | MAY. | 17.2               | 13.0              | 21.1                           | 37.1     | 6.4                             | 4.8              | 22.9                        | 6                 | 31.1                           | 39.7     | 4.7                             | 7.5              |
|           | JUN. | 15.8               | 10.3              | 19.0                           | 37.0     | 10.8                            | 3.2              | 21.7                        | 7                 | 29.0                           | 39.3     | 5.7                             | 6.7              |
|           | JUL. | 15.7               | -10.7             | 21.1                           | 35.9     | 14.1                            | 3.1              | 20.7                        | 4                 | 27.8                           | 38.8     | 7.0                             | 6.1              |
| 2012      | AGO. | 19.4               | 22.2              | 27.3                           | 36.3     | 16.8                            | 3.2              | 20.5                        | 6                 | 27.7                           | 38.5     | 8.3                             | 5.7              |
|           | SET. | 31.0               | 26.7              | 50.8                           | 38.4     | 11.7                            | 6.4              | 22.0                        | 9                 | 31.7                           | 38.5     | 8.6                             | 5.8              |
|           | OCT. | 16.4               | 31.2              | 21.6                           | 37.2     | 14.3                            | 1.6              | 21.3                        | 12                | 30.0                           | 38.3     | 9.2                             | 5.3              |
|           | NOV. | 21.8               | 1.7               | 34.5                           | 39.1     | 15.2                            | 4.2              | 21.3                        | 11                | 30.6                           | 38.4     | 9.8                             | 5.2              |
|           | DIC. | 9.2                | 37.0              | 14.1                           | 5.6      | 17.0                            | 3.6              | 20.0                        | 13                | 28.4                           | 34.8     | 10.4                            | 5.1              |
|           | ENE. | -4.6               | -18.6             | -12.5                          | 4.9      | 17.3                            | -0.9             | -4.6                        | -19               | -12.5                          | 4.9      | 17.3                            | -0.9             |
|           | FEB. | 3.4                | -25.8             | 3.9                            | 8.0      | 18.9                            | 1.7              | -0.7                        | -22               | -5.0                           | 6.4      | 18.1                            | 0.4              |
|           | MAR. | 5.3                | 5.7               | 5.7                            | 9.1      | 19.9                            | 0.3              | 1.1                         | -15               | -2.2                           | 7.3      | 18.7                            | 0.4              |
|           | ABR. | -1.4               | -28.2             | -10.1                          | 12.1     | 18.0                            | -2.7             | 0.5                         | -18               | -3.9                           | 8.5      | 18.5                            | -0.5             |
|           | MAY. | -2.8               | -34.5             | -17.4                          | 13.9     | 15.7                            | -0.6             | -0.1                        | -20               | -6.3                           | 9.6      | 17.9                            | -0.5             |
|           | JUN. | 1.0                | -30.7             | -6.6                           | 13.5     | 10.2                            | 1.0              | 0.1                         | -22               | -6.4                           | 10.2     | 16.5                            | -0.2             |

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

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2013 JUL. | 3.8                | -0.5          | -1.2                    | 12.1     | 11.3                      | 2.7          | 0.6                         | -19           | -5.6                    | 10.5     | 15.7                      | 0.2          |
| AGO.      | 1.7                | 19.8          | -11.1                   | 12.8     | 10.2                      | 9.1          | 0.8                         | -13           | -6.6                    | 10.8     | 15.0                      | 1.3          |
| SET.      | -9.1               | -7.4          | -26.9                   | 12.4     | 14.2                      | 7.0          | -0.7                        | -12           | -10.6                   | 11.0     | 14.9                      | 2.0          |
| OCT.      | 3.2                | -25.3         | -0.5                    | 12.0     | 12.1                      | 6.5          | -0.2                        | -14           | -9.1                    | 11.1     | 14.6                      | 2.5          |
| NOV.      | 9.7                | -32.0         | 14.7                    | 12.1     | 12.6                      | 5.6          | 0.9                         | -17           | -5.9                    | 11.2     | 14.4                      | 2.8          |
| DIC.      | 4.8                | -19.2         | 3.3                     | 10.7     | 8.8                       | 5.8          | 1.3                         | -17           | -4.8                    | 11.1     | 13.9                      | 3.0          |
| 2013 ENE. | 6.6                | -31.0         | 1.4                     | 8.8      | 6.9                       | 14.4         | 6.6                         | -31           | 1.4                     | 8.8      | 6.9                       | 14.4         |
| FEB.      | 6.9                | 17.1          | 5.6                     | 3.9      | 2.0                       | 9.9          | 6.8                         | -8            | 3.5                     | 6.3      | 4.4                       | 12.2         |
| MAR.      | 4.1                | -30.7         | 2.9                     | 2.8      | 2.3                       | 9.4          | 5.9                         | -16           | 3.3                     | 5.1      | 3.7                       | 11.3         |
| ABR.      | 10.6               | -6.1          | 15.5                    | 4.0      | 1.1                       | 13.6         | 7.0                         | -14           | 5.7                     | 4.9      | 3.0                       | 11.9         |
| MAY.      | 6.8                | 6.5           | -0.4                    | 3.9      | 0.1                       | 13.6         | 7.0                         | -11           | 4.8                     | 4.7      | 2.4                       | 12.2         |
| JUN.      | 0.7                | 17.2          | -21.9                   | 0.1      | -1.7                      | 17.2         | 5.9                         | -8            | 0.6                     | 3.9      | 1.7                       | 13.1         |
| JUL.      | 1.1                | 4.1           | -16.6                   | -0.1     | -8.9                      | 18.7         | 5.2                         | -6            | -2.1                    | 3.3      | 0.1                       | 14.0         |
| AGO.      | 0.6                | -27.0         | -8.0                    | -1.4     | -11.5                     | 19.0         | 4.5                         | -10           | -3.1                    | 2.7      | -1.4                      | 14.7         |
| SET.      | 2.5                | -26.9         | 4.6                     | -2.8     | -10.6                     | 11.4         | 4.2                         | -13           | -1.9                    | 2.1      | -2.5                      | 14.3         |
| OCT.      | -5.0               | -22.9         | -15.8                   | -1.9     | -11.8                     | 14.9         | 3.1                         | -14           | -4.2                    | 1.7      | -3.5                      | 14.3         |
| NOV.      | -11.3              | -6.0          | -27.7                   | -2.2     | -14.1                     | 14.3         | 1.3                         | -14           | -8.0                    | 1.3      | -4.5                      | 14.3         |
| DIC.      | -8.3               | -1.3          | -24.0                   | -0.8     | -14.0                     | 14.2         | 0.3                         | -12           | -10.0                   | 1.1      | -5.3                      | 14.3         |
| 2014 ENE. | 3.5                | 69.6          | -2.7                    | -0.4     | -12.4                     | 11.7         | 3.5                         | 70            | -2.7                    | -0.4     | -12.4                     | 11.7         |
| FEB.      | -2.5               | -35.3         | -24.0                   | 1.0      | -9.9                      | 23.6         | 0.5                         | 6             | -13.5                   | 0.3      | -11.2                     | 17.5         |
| MAR.      | 5.6                | 10.7          | -6.3                    | 0.3      | -9.8                      | 22.0         | 2.1                         | 7             | -11.4                   | 0.3      | -10.7                     | 19.0         |
| ABR.      | 2.5                | -17.9         | -12.2                   | -2.0     | -8.9                      | 19.3         | 2.2                         | 2             | -11.6                   | -0.3     | -10.3                     | 19.1         |
| MAY.      | 6.7                | -1.9          | 0.2                     | -3.0     | -8.9                      | 19.1         | 3.1                         | 2             | -9.8                    | -0.8     | -10.0                     | 19.1         |
| JUN.      | 8.3                | 7.2           | 7.1                     | -1.4     | -6.9                      | 16.3         | 3.9                         | 2             | -7.7                    | -0.9     | -9.5                      | 18.5         |
| JUL.      | -4.2               | 33.2          | -42.5                   | -0.4     | -2.2                      | 13.5         | 2.7                         | 8             | -12.4                   | -0.9     | -8.5                      | 17.7         |
| AGO.      | -9.0               | 4.5           | -51.6                   | -0.9     | 0.9                       | 14.4         | 1.1                         | 7             | -18.8                   | -0.9     | -7.4                      | 17.3         |
| SET.      | -9.7               | -7.6          | -54.0                   | -2.8     | 4.1                       | 20.5         | -0.3                        | 5             | -24.9                   | -1.1     | -6.1                      | 17.6         |
| OCT.      | -10.2              | 0.9           | -54.5                   | -3.7     | 7.4                       | 18.8         | -1.5                        | 4             | -29.2                   | -1.3     | -4.9                      | 17.8         |
| NOV.      | -1.7               | 12.0          | -43.5                   | -4.7     | 12.8                      | 19.6         | -1.5                        | 5             | -31.0                   | -1.6     | -3.4                      | 18.0         |
| DIC.      | -2.8               | -7.3          | -44.0                   | -4.3     | 13.4                      | 19.3         | -1.6                        | 4             | -32.4                   | -1.9     | -2.1                      | 18.1         |
| 2015 ENE. | -7.9               | -50.9         | -48.2                   | -5.5     | 13.9                      | 18.5         | -7.9                        | -51           | -48.2                   | -5.5     | 13.9                      | 18.5         |
| FEB.      | -6.8               | 6.0           | -44.5                   | -3.8     | 10.2                      | 11.0         | -7.4                        | -30           | -46.6                   | -4.7     | 12.0                      | 14.7         |
| MAR.      | -10.0              | -1.0          | -51.5                   | -2.9     | 9.5                       | 12.0         | -8.2                        | -22           | -48.1                   | -4.1     | 11.2                      | 13.8         |
| ABR.      | -6.0               | -5.6          | -45.3                   | -2.0     | 10.9                      | 13.9         | -7.7                        | -19           | -47.5                   | -3.6     | 11.1                      | 13.8         |
| MAY.      | -5.2               | 0.1           | -40.0                   | -1.9     | 9.5                       | 10.7         | -7.2                        | -16           | -46.2                   | -3.3     | 10.8                      | 13.1         |
| JUN.      | -6.7               | -15.7         | -42.1                   | -0.8     | 13.1                      | 9.1          | -7.1                        | -16           | -45.6                   | -2.8     | 11.2                      | 12.4         |
| JUL.      | 5.6                | -16.8         | 10.3                    | -3.2     | 8.3                       | 7.9          | -5.3                        | -16           | -40.7                   | -2.9     | 10.8                      | 11.7         |
| AGO.      | 7.3                | -6.8          | 15.3                    | -1.9     | 7.6                       | 5.9          | -3.7                        | -15           | -35.3                   | -2.8     | 10.3                      | 10.9         |
| SET.      | 15.1               | -2.8          | 32.7                    | 1.3      | 7.0                       | 5.6          | -1.5                        | -13           | -28.1                   | -2.3     | 10.0                      | 10.3         |
| OCT.      | 21.0               | -1.3          | 47.3                    | 1.6      | 7.4                       | 6.9          | 0.9                         | -12           | -21.0                   | -2.0     | 9.7                       | 9.9          |
| NOV.      | 10.8               | -3.5          | 19.2                    | 1.4      | 4.7                       | 6.4          | 2.0                         | -11           | -16.8                   | -1.7     | 9.2                       | 9.5          |
| DIC.      | 14.1               | -4.7          | 27.7                    | 2.0      | 4.8                       | 6.6          | 3.1                         | -10           | -12.8                   | -1.4     | 8.8                       | 9.3          |
| 2016 ENE. | 5.3                | 54.3          | 8.1                     | -0.1     | -0.2                      | 4.3          | 5.3                         | 54            | 8.1                     | -0.1     | -0.2                      | 4.3          |
| FEB.      | 6.7                | -25.1         | 20.7                    | -1.2     | 3.3                       | 2.0          | 6.0                         | 10            | 14.0                    | -0.7     | 1.6                       | 3.1          |
| MAR.      | 2.0                | -1.0          | 4.2                     | 0.1      | 2.4                       | 1.1          | 4.7                         | 6             | 11.2                    | -0.4     | 1.8                       | 2.4          |
| ABR.      | -2.9               | 48.5          | -18.6                   | -1.1     | 2.5                       | 2.5          | 2.8                         | 14            | 4.5                     | -0.6     | 2.0                       | 2.5          |
| MAY.      | -5.8               | -9.0          | -21.3                   | -0.3     | 2.0                       | -0.8         | 1.1                         | 10            | -0.4                    | -0.5     | 2.0                       | 1.8          |
| JUN.      | -1.5               | 3.8           | -1.8                    | -1.2     | -3.4                      | -2.0         | 0.6                         | 9             | -0.6                    | -0.6     | 1.1                       | 1.1          |
| JUL.      | -1.5               | 3.6           | 0.7                     | -1.5     | -1.9                      | -5.0         | 0.3                         | 8             | -0.4                    | -0.8     | 0.6                       | 0.2          |
| AGO.      | -2.7               | 2.9           | -0.1                    | -0.8     | -1.4                      | -9.8         | -0.1                        | 7             | -0.3                    | -0.8     | 0.4                       | -1.1         |
| SET.      | 0.4                | -6.2          | 0.7                     | 0.1      | -3.6                      | -4.2         | 0.0                         | 5             | -0.1                    | -0.7     | -0.1                      | -1.5         |
| OCT.      | 0.2                | -43.3         | 3.9                     | 2.5      | -3.8                      | -8.9         | 0.0                         | -1            | 0.6                     | -0.3     | -0.5                      | -2.3         |
| NOV.      | 2.8                | -31.8         | 8.4                     | 3.0      | -4.1                      | -8.4         | 0.3                         | -5            | 1.7                     | 0.0      | -0.8                      | -2.9         |
| DIC.      | 6.7                | -44.2         | 18.8                    | 3.9      | -4.3                      | -11.4        | 1.0                         | -10           | 4.0                     | 0.3      | -1.1                      | -3.6         |
| 2017 ENE. | 16.5               | -52.2         | 53.7                    | 6.8      | 0.3                       | -11.5        | 16.5                        | -52           | 53.7                    | 6.8      | 0.3                       | -11.5        |

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

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| FEB.      | -0.9               | -17.1         | -1.6                    | 6.5      | -0.4                      | -6.4         | 8.0                         | -39           | 26.6                    | 6.7      | -0.1                      | -9.0         |
| MAR.      | 4.6                | -18.9         | 21.1                    | 4.2      | 0.7                       | -6.7         | 6.9                         | -32           | 25.1                    | 5.9      | 0.2                       | -8.2         |
| ABR.      | 4.9                | -26.1         | 38.9                    | 5.1      | -1.7                      | -9.9         | 6.5                         | -31           | 27.6                    | 5.7      | -0.3                      | -8.7         |
| MAY.      | 4.8                | -10.6         | 31.9                    | 1.7      | -2.7                      | -5.1         | 6.1                         | -28           | 28.2                    | 4.9      | -0.8                      | -7.9         |
| JUN.      | 5.3                | -24.6         | 19.9                    | 2.9      | -1.8                      | 0.3          | 6.0                         | -27           | 27.0                    | 4.5      | -1.0                      | -6.5         |
| JUL.      | 4.5                | -61.6         | 9.8                     | 5.7      | 0.2                       | 5.1          | 5.8                         | -34           | 24.1                    | 4.7      | -0.8                      | -4.8         |
| AGO.      | 1.3                | -60.4         | -0.1                    | 4.3      | -1.3                      | 6.8          | 5.2                         | -38           | 19.9                    | 4.7      | -0.9                      | -3.5         |
| SET.      | -13.9              | -34.9         | -30.2                   | 3.3      | 1.2                       | 1.3          | 2.5                         | -38           | 10.1                    | 4.5      | -0.6                      | -2.9         |
| OCT.      | -2.6               | -27.3         | -7.6                    | 1.8      | 0.6                       | 5.9          | 1.8                         | -37           | 6.9                     | 4.2      | -0.5                      | -2.1         |
| NOV.      | -3.6               | -44.5         | -7.8                    | 2.0      | 0.5                       | 4.8          | 1.2                         | -38           | 4.5                     | 4.0      | -0.4                      | -1.4         |
| DIC.      | -7.2               | -29.9         | -16.4                   | 0.3      | -0.3                      | 9.0          | 0.3                         | -37           | 1.4                     | 3.7      | -0.4                      | -0.6         |
| 2018 ENE. | 7.9                | 22.6          | 18.2                    | -1.2     | -1.3                      | -0.4         | 7.9                         | 23            | 18.2                    | -1.2     | -1.3                      | -0.4         |
| FEB.      | -1.1               | 2.5           | 0.5                     | -0.7     | 1.1                       | -2.0         | 3.9                         | 12            | 11.4                    | -0.9     | -0.1                      | -1.2         |
| MAR.      | -2.1               | -10.8         | -10.3                   | 2.9      | 0.5                       | 3.9          | 2.0                         | 3             | 5.8                     | 0.3      | 0.1                       | 0.5          |
| ABR.      | -3.1               | -18.9         | -12.2                   | 3.5      | 2.0                       | 1.4          | 0.8                         | -3            | 2.4                     | 1.1      | 0.6                       | 0.7          |
| MAY.      | 0.2                | -3.0          | -5.6                    | 3.5      | 4.3                       | 3.4          | 0.7                         | -3            | 1.2                     | 1.6      | 1.3                       | 1.3          |
| JUN.      | 2.0                | 42.6          | 3.0                     | 2.3      | 5.4                       | 0.5          | 0.9                         | 4             | 1.4                     | 1.7      | 2.0                       | 1.2          |
| JUL.      | 6.2                | 40.9          | 17.6                    | 1.7      | 4.6                       | -0.6         | 1.7                         | 9             | 3.8                     | 1.7      | 2.3                       | 0.9          |
| AGO.      | 6.3                | 89.4          | 18.4                    | 1.8      | 4.8                       | -4.8         | 2.3                         | 17            | 5.9                     | 1.7      | 2.6                       | 0.1          |
| SET.      | 23.0               | 30.2          | 64.3                    | 1.1      | 1.0                       | -2.2         | 4.8                         | 19            | 13.2                    | 1.6      | 2.5                       | -0.1         |
| OCT.      | 12.6               | 51.0          | 27.5                    | 2.0      | 0.5                       | -0.6         | 5.7                         | 22            | 15.4                    | 1.7      | 2.3                       | -0.2         |
| NOV.      | 7.1                | 93.4          | 13.3                    | 2.7      | -1.8                      | 0.4          | 5.9                         | 28            | 15.1                    | 1.8      | 1.9                       | -0.1         |
| DIC.      | 12.8               | 87.9          | 26.4                    | 2.8      | -2.1                      | -0.5         | 6.6                         | 33            | 16.5                    | 1.9      | 1.5                       | -0.2         |
| 2019 ENE. | 7.1                | -34.4         | 13.2                    | 1.7      | -1.6                      | 6.0          | 7.1                         | -34           | 13.2                    | 1.7      | -1.6                      | 6.0          |
| FEB.      | -1.7               | 34.4          | -13.2                   | 1.9      | -5.4                      | 8.9          | 3.4                         | -2            | 4.2                     | 1.8      | -3.5                      | 7.4          |
| MAR.      | 1.3                | 33.8          | 0.0                     | -0.5     | -4.5                      | 4.2          | 2.8                         | 10            | 3.2                     | 1.0      | -3.9                      | 6.3          |
| ABR.      | 5.4                | -15.5         | 17.0                    | -1.1     | -5.3                      | 5.0          | 3.3                         | 5             | 5.5                     | 0.5      | -4.2                      | 6.0          |
| MAY.      | 5.3                | -22.8         | 10.2                    | -1.0     | -6.6                      | 9.0          | 3.7                         | -1            | 6.2                     | 0.2      | -4.7                      | 6.6          |
| JUN.      | 3.0                | -44.2         | 6.7                     | -0.3     | -6.6                      | 6.5          | 3.6                         | -10           | 6.3                     | 0.1      | -5.0                      | 6.6          |
| JUL.      | -0.5               | -12.1         | -7.7                    | 0.0      | -7.3                      | 8.9          | 3.0                         | -10           | 4.0                     | 0.1      | -5.3                      | 7.0          |
| AGO.      | 2.0                | -35.6         | 0.8                     | -0.3     | -6.2                      | 10.5         | 2.8                         | -15           | 3.4                     | 0.0      | -5.5                      | 7.4          |
| SET.      | -2.6               | 2.0           | -7.4                    | -0.3     | -5.5                      | 6.2          | 2.1                         | -12           | 1.5                     | 0.0      | -5.5                      | 7.3          |
| OCT.      | 1.8                | 166.8         | -4.4                    | -1.2     | -4.4                      | 9.2          | 2.0                         | 6             | 0.5                     | -0.1     | -5.3                      | 7.5          |
| NOV. P/   | 11.8               | 147.4         | 14.6                    | -2.7     | -3.6                      | 8.3          | 3.1                         | 25            | 2.4                     | -0.4     | -5.2                      | 7.6          |

**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 SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Sullana |               |                            |          |                              |              |
|-----------|------|---------|---------------|----------------------------|----------|------------------------------|--------------|
|           |      | Total   | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 2/ |
| 2003      | ENE. | 78.3    | 19.1          | 111.2                      | 107.8    | 75.9                         | 62.0         |
|           | FEB. | 76.6    | 18.7          | 110.5                      | 107.3    | 81.7                         | 59.6         |
|           | MAR. | 78.4    | 19.1          | 110.0                      | 107.8    | 78.8                         | 62.6         |
|           | ABR. | 79.1    | 18.7          | 105.9                      | 108.8    | 75.9                         | 65.1         |
|           | MAY. | 80.5    | 19.1          | 107.0                      | 109.3    | 81.7                         | 66.7         |
|           | JUN. | 79.9    | 18.7          | 107.3                      | 111.2    | 81.7                         | 65.4         |
|           | JUL. | 82.5    | 28.1          | 102.5                      | 112.2    | 81.7                         | 68.9         |
|           | AGO. | 81.7    | 28.1          | 101.4                      | 111.7    | 75.9                         | 68.2         |
|           | SET. | 83.3    | 28.1          | 101.6                      | 111.2    | 81.7                         | 71.0         |
|           | OCT. | 81.7    | 28.1          | 101.4                      | 105.9    | 81.7                         | 69.2         |
|           | NOV. | 79.6    | 25.1          | 93.9                       | 115.7    | 81.7                         | 67.5         |
|           | DIC. | 79.6    | 25.8          | 93.9                       | 115.2    | 81.7                         | 67.5         |
| 2004      | ENE. | 72.8    | 19.1          | 94.3                       | 110.9    | 81.7                         | 58.3         |
|           | FEB. | 75.6    | 18.7          | 102.1                      | 116.5    | 84.6                         | 58.7         |
|           | MAR. | 76.5    | 18.7          | 98.2                       | 116.5    | 87.5                         | 62.0         |
|           | ABR. | 78.5    | 18.7          | 94.6                       | 124.7    | 87.5                         | 65.3         |
|           | MAY. | 80.6    | 18.7          | 97.5                       | 113.6    | 87.5                         | 70.6         |
|           | JUN. | 78.2    | 19.6          | 97.3                       | 91.2     | 87.5                         | 70.2         |
|           | JUL. | 76.2    | 19.2          | 90.8                       | 96.3     | 77.4                         | 70.3         |
|           | AGO. | 74.5    | 19.8          | 90.7                       | 96.3     | 75.7                         | 66.2         |
|           | SET. | 75.8    | 20.2          | 89.9                       | 95.1     | 82.5                         | 69.6         |
|           | OCT. | 75.4    | 20.2          | 86.0                       | 99.3     | 80.8                         | 70.7         |
|           | NOV. | 79.2    | 19.2          | 98.5                       | 103.1    | 80.8                         | 68.9         |
|           | DIC. | 92.0    | 19.2          | 105.7                      | 193.6    | 84.2                         | 69.7         |
| 2005      | ENE. | 102.6   | 82.2          | 110.8                      | 200.4    | 84.2                         | 60.9         |
|           | FEB. | 101.5   | 82.2          | 111.1                      | 201.1    | 82.5                         | 58.6         |
|           | MAR. | 106.9   | 81.9          | 116.1                      | 213.8    | 82.5                         | 63.6         |
|           | ABR. | 80.6    | 45.0          | 106.8                      | 84.5     | 80.8                         | 67.5         |
|           | MAY. | 87.3    | 72.4          | 106.8                      | 82.1     | 75.7                         | 70.8         |
|           | JUN. | 89.7    | 69.4          | 107.1                      | 85.0     | 87.5                         | 75.6         |
|           | JUL. | 91.6    | 65.8          | 109.2                      | 89.5     | 89.2                         | 78.0         |
|           | AGO. | 90.4    | 64.3          | 109.1                      | 91.7     | 87.5                         | 75.2         |
|           | SET. | 92.4    | 64.3          | 117.5                      | 93.6     | 89.2                         | 73.1         |
|           | OCT. | 95.0    | 65.1          | 116.9                      | 101.3    | 90.9                         | 76.9         |
|           | NOV. | 101.4   | 66.0          | 129.3                      | 102.2    | 90.9                         | 82.8         |
|           | DIC. | 113.5   | 86.4          | 139.7                      | 127.4    | 89.2                         | 84.9         |
| 2006      | ENE. | 114.3   | 101.9         | 146.2                      | 128.0    | 82.5                         | 76.0         |
|           | FEB. | 111.9   | 97.4          | 144.8                      | 130.7    | 85.8                         | 72.2         |
|           | MAR. | 115.3   | 89.5          | 145.2                      | 132.6    | 87.5                         | 82.7         |
|           | ABR. | 105.7   | 101.6         | 138.5                      | 80.5     | 89.2                         | 83.7         |
|           | MAY. | 99.2    | 57.8          | 139.2                      | 79.8     | 89.2                         | 91.0         |
|           | JUN. | 103.3   | 58.0          | 137.9                      | 79.8     | 90.9                         | 105.0        |
|           | JUL. | 106.5   | 65.4          | 141.1                      | 80.3     | 87.5                         | 107.3        |
|           | AGO. | 105.7   | 65.4          | 142.0                      | 79.7     | 87.5                         | 104.4        |
|           | SET. | 104.8   | 64.7          | 142.9                      | 81.6     | 89.2                         | 99.5         |
|           | OCT. | 107.3   | 67.9          | 146.5                      | 82.1     | 85.8                         | 101.9        |
|           | NOV. | 112.0   | 66.0          | 155.7                      | 83.6     | 90.9                         | 108.4        |
|           | DIC. | 129.5   | 66.2          | 185.5                      | 121.5    | 84.2                         | 110.3        |
| 2007      | ENE. | 130.1   | 96.6          | 183.1                      | 120.8    | 84.2                         | 94.2         |
|           | FEB. | 122.4   | 107.5         | 180.3                      | 121.2    | 84.2                         | 71.2         |
|           | MAR. | 122.2   | 104.0         | 178.2                      | 88.8     | 84.2                         | 98.7         |
|           | ABR. | 120.3   | 110.2         | 166.6                      | 86.0     | 84.2                         | 103.2        |
|           | MAY. | 117.6   | 104.1         | 164.6                      | 77.6     | 85.8                         | 104.0        |
|           | JUN. | 123.7   | 109.4         | 161.5                      | 79.7     | 89.2                         | 125.0        |
|           | JUL. | 124.0   | 122.7         | 158.3                      | 81.0     | 94.3                         | 123.9        |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                         |          |                           |              |
|-----------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2008 AGO. | 121.7   | 122.4         | 158.4                   | 82.5     | 94.3                      | 114.7        |
| SET.      | 119.3   | 123.4         | 157.4                   | 83.1     | 95.9                      | 107.3        |
| OCT.      | 121.1   | 124.8         | 158.5                   | 83.9     | 95.9                      | 111.1        |
| NOV.      | 127.7   | 126.0         | 167.5                   | 85.4     | 95.9                      | 120.8        |
| DIC.      | 138.6   | 122.4         | 198.5                   | 86.0     | 95.9                      | 120.7        |
| 2008 ENE. | 137.7   | 131.3         | 210.5                   | 84.8     | 95.9                      | 102.2        |
| FEB.      | 122.5   | 129.5         | 209.1                   | 85.4     | 94.3                      | 61.9         |
| MAR.      | 111.7   | 118.0         | 165.5                   | 93.8     | 95.9                      | 73.2         |
| ABR.      | 110.5   | 116.7         | 153.0                   | 87.9     | 97.6                      | 86.5         |
| MAY.      | 105.2   | 116.9         | 131.9                   | 89.9     | 97.6                      | 93.6         |
| JUN.      | 105.1   | 109.1         | 127.3                   | 91.3     | 97.6                      | 100.7        |
| JUL.      | 106.5   | 124.0         | 123.8                   | 92.3     | 101.0                     | 104.1        |
| 2008 AGO. | 102.9   | 122.8         | 118.9                   | 91.5     | 102.3                     | 98.4         |
| SET.      | 95.7    | 97.8          | 115.0                   | 90.4     | 107.5                     | 87.9         |
| OCT.      | 95.5    | 73.5          | 114.7                   | 89.7     | 110.1                     | 95.8         |
| NOV.      | 96.9    | 70.2          | 119.4                   | 89.6     | 107.5                     | 96.1         |
| DIC.      | 99.1    | 69.7          | 124.3                   | 89.9     | 110.1                     | 97.7         |
| 2009 ENE. | 92.4    | 82.4          | 114.4                   | 90.9     | 113.9                     | 81.9         |
| FEB.      | 88.2    | 90.1          | 111.3                   | 91.9     | 112.6                     | 69.5         |
| MAR.      | 85.0    | 85.4          | 92.4                    | 97.8     | 115.2                     | 76.9         |
| ABR.      | 84.9    | 87.1          | 84.6                    | 97.8     | 112.6                     | 85.2         |
| MAY.      | 85.5    | 75.8          | 80.9                    | 93.5     | 115.2                     | 97.6         |
| JUN.      | 87.5    | 67.6          | 85.5                    | 94.4     | 113.9                     | 100.8        |
| JUL.      | 85.4    | 70.6          | 80.5                    | 90.8     | 111.3                     | 101.5        |
| 2009 AGO. | 83.8    | 69.9          | 80.1                    | 91.0     | 113.9                     | 96.4         |
| SET.      | 81.2    | 69.5          | 80.1                    | 91.2     | 110.1                     | 87.8         |
| OCT.      | 88.7    | 68.3          | 102.6                   | 91.1     | 108.8                     | 87.0         |
| NOV.      | 94.9    | 68.3          | 104.4                   | 91.5     | 108.8                     | 104.0        |
| DIC.      | 105.9   | 84.2          | 132.5                   | 93.6     | 107.5                     | 103.8        |
| 2010 ENE. | 105.6   | 87.2          | 141.9                   | 94.3     | 108.2                     | 84.1         |
| FEB.      | 99.1    | 68.1          | 140.5                   | 99.9     | 109.0                     | 79.6         |
| MAR.      | 98.8    | 70.9          | 130.5                   | 101.1    | 109.7                     | 88.2         |
| ABR.      | 94.1    | 69.2          | 111.7                   | 99.7     | 111.2                     | 98.5         |
| MAY.      | 93.1    | 67.5          | 111.7                   | 99.2     | 111.9                     | 96.4         |
| JUN.      | 94.3    | 67.5          | 106.3                   | 97.5     | 109.7                     | 111.4        |
| JUL.      | 97.3    | 74.8          | 106.6                   | 97.3     | 110.4                     | 114.8        |
| 2010 AGO. | 99.0    | 84.8          | 107.8                   | 99.2     | 109.0                     | 105.8        |
| SET.      | 103.1   | 104.7         | 106.9                   | 99.3     | 103.7                     | 98.0         |
| OCT.      | 100.0   | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 101.4   | 100.4         | 97.9                    | 101.8    | 99.3                      | 107.5        |
| DIC.      | 105.3   | 102.9         | 103.2                   | 109.4    | 98.7                      | 110.0        |
| 2011 ENE. | 112.9   | 81.9          | 161.4                   | 108.8    | 100.9                     | 90.1         |
| FEB.      | 119.5   | 90.5          | 177.7                   | 113.6    | 106.0                     | 81.3         |
| MAR.      | 125.1   | 104.0         | 174.9                   | 114.2    | 106.7                     | 90.8         |
| ABR.      | 108.9   | 104.8         | 117.3                   | 110.2    | 99.0                      | 101.4        |
| MAY.      | 107.2   | 98.7          | 110.4                   | 111.5    | 99.6                      | 111.4        |
| JUN.      | 107.3   | 99.3          | 103.2                   | 112.8    | 102.2                     | 120.7        |
| JUL.      | 107.9   | 94.8          | 108.6                   | 113.0    | 102.2                     | 122.2        |
| 2011 AGO. | 115.7   | 123.2         | 105.8                   | 117.0    | 104.0                     | 117.9        |
| SET.      | 117.7   | 134.0         | 107.5                   | 112.6    | 107.6                     | 111.4        |
| OCT.      | 120.3   | 133.0         | 117.6                   | 108.6    | 108.2                     | 113.3        |
| NOV.      | 120.5   | 123.5         | 122.3                   | 105.6    | 105.8                     | 123.9        |
| DIC.      | 120.1   | 121.5         | 123.0                   | 103.9    | 107.6                     | 124.6        |
| 2012 ENE. | 113.1   | 104.0         | 132.6                   | 102.3    | 110.6                     | 104.4        |
| FEB.      | 109.9   | 94.2          | 140.2                   | 102.0    | 110.0                     | 93.2         |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                            |          |                              |              |
|-----------|---------|---------------|----------------------------|----------|------------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 2/ |
| MAR.      | 115.3   | 97.9          | 146.1                      | 101.8    | 115.3                        | 104.4        |
| ABR.      | 116.1   | 90.3          | 145.3                      | 101.9    | 112.4                        | 120.9        |
| MAY.      | 111.9   | 88.0          | 129.7                      | 98.1     | 115.9                        | 129.2        |
| JUN.      | 112.9   | 88.2          | 128.6                      | 97.3     | 112.4                        | 135.8        |
| JUL.      | 114.4   | 95.3          | 123.7                      | 99.3     | 111.3                        | 137.7        |
| AGO.      | 131.0   | 143.4         | 129.2                      | 92.9     | 115.6                        | 140.2        |
| SET.      | 127.3   | 139.3         | 130.1                      | 94.5     | 111.8                        | 127.0        |
| OCT.      | 139.3   | 156.2         | 132.3                      | 111.8    | 112.9                        | 142.0        |
| NOV.      | 145.2   | 157.9         | 148.3                      | 112.8    | 112.4                        | 144.5        |
| DIC.      | 146.1   | 155.3         | 155.2                      | 112.3    | 112.9                        | 143.3        |
| 2013 ENE. | 135.7   | 147.6         | 142.7                      | 112.1    | 115.1                        | 122.6        |
| FEB.      | 126.5   | 110.7         | 160.5                      | 115.0    | 118.9                        | 105.3        |
| MAR.      | 128.2   | 106.9         | 157.7                      | 115.9    | 122.2                        | 121.8        |
| ABR.      | 117.7   | 82.8          | 143.0                      | 112.4    | 124.4                        | 130.5        |
| MAY.      | 118.1   | 77.5          | 143.7                      | 110.8    | 125.4                        | 140.4        |
| JUN.      | 123.8   | 82.0          | 149.3                      | 112.1    | 123.3                        | 152.6        |
| JUL.      | 127.9   | 95.6          | 148.7                      | 112.1    | 125.4                        | 152.8        |
| AGO.      | 135.1   | 121.3         | 150.5                      | 111.3    | 120.5                        | 147.5        |
| SET.      | 136.7   | 137.5         | 146.2                      | 111.0    | 116.2                        | 138.5        |
| OCT.      | 136.3   | 131.4         | 143.4                      | 110.6    | 120.5                        | 148.8        |
| NOV.      | 149.5   | 159.8         | 152.3                      | 121.7    | 120.0                        | 148.1        |
| DIC.      | 156.4   | 174.3         | 159.5                      | 122.6    | 128.2                        | 148.1        |
| 2014 ENE. | 151.2   | 167.8         | 164.0                      | 124.7    | 125.4                        | 125.7        |
| FEB.      | 132.4   | 111.4         | 167.8                      | 125.7    | 128.2                        | 112.5        |
| MAR.      | 130.5   | 108.7         | 151.8                      | 134.0    | 128.2                        | 122.6        |
| ABR.      | 134.6   | 104.0         | 160.2                      | 132.7    | 127.6                        | 138.1        |
| MAY.      | 128.7   | 76.1          | 162.1                      | 132.0    | 121.6                        | 149.3        |
| JUN.      | 130.8   | 74.4          | 173.2                      | 128.2    | 119.4                        | 151.1        |
| JUL.      | 134.5   | 82.6          | 172.2                      | 131.5    | 121.1                        | 155.1        |
| AGO.      | 142.1   | 128.2         | 153.6                      | 129.3    | 119.4                        | 153.3        |
| SET.      | 146.9   | 136.2         | 160.0                      | 129.8    | 120.0                        | 155.4        |
| OCT.      | 145.2   | 133.2         | 157.2                      | 128.8    | 120.0                        | 156.4        |
| NOV.      | 172.0   | 169.0         | 215.6                      | 128.8    | 118.4                        | 156.7        |
| DIC.      | 175.2   | 180.6         | 211.5                      | 130.0    | 121.1                        | 159.2        |
| 2015 ENE. | 167.9   | 166.2         | 214.2                      | 128.9    | 124.4                        | 142.4        |
| FEB.      | 144.3   | 128.1         | 187.5                      | 130.1    | 129.8                        | 117.0        |
| MAR.      | 147.3   | 121.4         | 201.5                      | 130.9    | 125.4                        | 122.2        |
| ABR.      | 153.9   | 121.2         | 202.3                      | 131.6    | 131.4                        | 151.9        |
| MAY.      | 144.6   | 113.4         | 174.1                      | 130.0    | 130.4                        | 158.0        |
| JUN.      | 140.5   | 100.7         | 171.9                      | 127.3    | 132.5                        | 161.9        |
| JUL.      | 145.3   | 120.5         | 165.8                      | 127.5    | 137.4                        | 163.1        |
| AGO.      | 151.6   | 143.6         | 164.3                      | 126.8    | 142.9                        | 161.2        |
| SET.      | 148.3   | 151.1         | 153.7                      | 128.9    | 149.4                        | 143.7        |
| OCT.      | 148.0   | 145.6         | 153.4                      | 128.2    | 158.2                        | 150.7        |
| NOV.      | 145.4   | 143.0         | 149.2                      | 126.3    | 154.9                        | 149.7        |
| DIC.      | 151.0   | 147.6         | 153.6                      | 126.6    | 161.4                        | 163.0        |
| 2016 ENE. | 146.6   | 132.6         | 186.9                      | 127.1    | 157.1                        | 125.6        |
| FEB.      | 133.2   | 95.2          | 191.6                      | 128.6    | 145.1                        | 112.6        |
| MAR.      | 131.3   | 87.3          | 183.5                      | 131.3    | 130.4                        | 123.9        |
| ABR.      | 134.0   | 86.4          | 187.9                      | 130.3    | 140.2                        | 132.7        |
| MAY.      | 135.1   | 80.6          | 187.1                      | 128.9    | 141.8                        | 148.1        |
| JUN.      | 129.6   | 82.1          | 160.4                      | 127.7    | 154.4                        | 151.1        |
| JUL.      | 127.4   | 109.2         | 119.5                      | 126.8    | 157.1                        | 150.0        |
| AGO.      | 143.5   | 143.4         | 141.9                      | 126.9    | 156.5                        | 149.5        |
| SET.      | 142.8   | 140.6         | 142.2                      | 124.3    | 160.4                        | 151.9        |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                         |          |                           |              |
|-----------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017      |         |               |                         |          |                           |              |
| OCT.      | 150.1   | 148.2         | 159.4                   | 124.3    | 160.9                     | 155.1        |
| NOV.      | 157.8   | 143.7         | 194.8                   | 125.2    | 163.1                     | 155.4        |
| DIC.      | 155.6   | 141.8         | 191.6                   | 125.7    | 172.4                     | 150.0        |
| ENE.      | 151.1   | 139.3         | 197.9                   | 125.2    | 159.5                     | 127.1        |
| FEB.      | 148.2   | 139.2         | 195.3                   | 126.7    | 159.5                     | 115.6        |
| MAR.      | 139.4   | 106.2         | 195.8                   | 127.7    | 159.5                     | 120.7        |
| ABR.      | 129.2   | 105.4         | 156.1                   | 125.3    | 159.5                     | 123.3        |
| MAY.      | 132.6   | 105.1         | 155.5                   | 120.7    | 175.5                     | 142.6        |
| JUN.      | 129.9   | 98.6          | 151.2                   | 121.6    | 186.0                     | 142.1        |
| JUL.      | 132.9   | 100.1         | 160.9                   | 121.9    | 177.7                     | 143.6        |
| AGO.      | 131.0   | 99.8          | 153.5                   | 122.7    | 181.6                     | 142.1        |
| SET.      | 135.4   | 114.5         | 153.0                   | 123.5    | 176.6                     | 142.3        |
| OCT.      | 137.7   | 121.1         | 151.5                   | 124.0    | 175.6                     | 145.2        |
| NOV.      | 138.8   | 120.7         | 151.5                   | 129.8    | 178.6                     | 144.8        |
| DIC.      | 133.8   | 127.8         | 121.3                   | 130.2    | 177.6                     | 145.3        |
| 2018      |         |               |                         |          |                           |              |
| ENE.      | 123.3   | 92.2          | 148.5                   | 130.9    | 178.6                     | 116.1        |
| FEB.      | 120.9   | 89.4          | 154.4                   | 130.5    | 178.6                     | 103.5        |
| MAR.      | 127.9   | 88.0          | 171.6                   | 133.4    | 178.6                     | 114.9        |
| ABR.      | 120.2   | 73.8          | 136.3                   | 133.9    | 178.6                     | 138.1        |
| MAY.      | 123.5   | 76.4          | 140.0                   | 131.1    | 177.8                     | 147.8        |
| JUN.      | 124.0   | 76.1          | 142.9                   | 128.8    | 173.7                     | 149.1        |
| JUL.      | 127.1   | 91.6          | 143.4                   | 128.1    | 160.6                     | 147.8        |
| AGO.      | 125.3   | 120.5         | 129.4                   | 120.8    | 165.4                     | 135.2        |
| SET.      | 124.1   | 145.2         | 110.1                   | 119.7    | 162.2                     | 135.3        |
| OCT.      | 129.2   | 162.7         | 109.6                   | 119.0    | 147.9                     | 144.6        |
| NOV.      | 145.6   | 163.1         | 156.2                   | 119.3    | 151.9                     | 146.1        |
| DIC.      | 142.2   | 158.6         | 148.4                   | 121.7    | 151.1                     | 145.8        |
| 2019      |         |               |                         |          |                           |              |
| ENE.      | 137.2   | 153.8         | 153.1                   | 120.3    | 150.3                     | 119.4        |
| FEB.      | 132.0   | 70.7          | 194.2                   | 122.7    | 148.3                     | 109.9        |
| MAR.      | 129.7   | 67.1          | 179.9                   | 124.0    | 145.5                     | 125.2        |
| ABR.      | 130.9   | 67.6          | 177.9                   | 126.2    | 151.5                     | 130.8        |
| MAY.      | 123.9   | 77.6          | 152.1                   | 122.3    | 153.5                     | 134.7        |
| JUN.      | 118.9   | 77.3          | 134.8                   | 125.2    | 154.3                     | 137.3        |
| JUL.      | 124.3   | 101.8         | 136.1                   | 123.2    | 154.3                     | 137.5        |
| AGO.      | 137.7   | 163.8         | 138.5                   | 124.3    | 157.0                     | 132.4        |
| SET.      | 145.5   | 196.6         | 141.5                   | 124.1    | 159.0                     | 131.0        |
| OCT.      | 166.0   | 208.7         | 192.2                   | 124.5    | 154.3                     | 132.3        |
| NOV. P/   | 166.2   | 214.4         | 189.5                   | 122.8    | 155.1                     | 133.1        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Sullana |               |                         |          |                           |              |
|-----------|------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2003      | ENE. | 51.8    | 7.9           | 92.3                    | 104.3    | 79.0                      | 52.8         |
|           | FEB. | 49.2    | 7.8           | 89.0                    | 103.7    | 85.1                      | 45.6         |
|           | MAR. | 50.6    | 7.9           | 87.9                    | 104.3    | 82.0                      | 50.2         |
|           | ABR. | 55.0    | 7.8           | 89.0                    | 105.5    | 79.0                      | 63.9         |
|           | MAY. | 56.5    | 7.9           | 89.0                    | 106.2    | 85.1                      | 67.4         |
|           | JUN. | 56.2    | 7.8           | 91.1                    | 107.4    | 85.1                      | 65.5         |
|           | JUL. | 59.4    | 11.6          | 89.0                    | 108.6    | 85.1                      | 65.9         |
|           | AGO. | 56.9    | 11.6          | 86.8                    | 108.0    | 79.0                      | 58.9         |
|           | SET. | 59.5    | 11.6          | 87.9                    | 108.0    | 85.1                      | 67.0         |
|           | OCT. | 58.8    | 11.6          | 86.8                    | 101.2    | 85.1                      | 68.9         |
|           | NOV. | 59.4    | 10.4          | 89.0                    | 113.7    | 85.1                      | 65.9         |
|           | DIC. | 59.4    | 10.7          | 89.0                    | 112.4    | 85.1                      | 65.9         |
| 2004      | ENE. | 49.3    | 7.9           | 91.1                    | 106.9    | 85.1                      | 40.8         |
|           | FEB. | 53.6    | 7.8           | 127.0                   | 110.6    | 88.1                      | 40.8         |
|           | MAR. | 53.4    | 7.8           | 106.3                   | 110.6    | 91.1                      | 47.1         |
|           | ABR. | 56.2    | 7.8           | 85.7                    | 120.8    | 91.1                      | 57.5         |
|           | MAY. | 58.1    | 7.8           | 86.8                    | 111.9    | 91.1                      | 68.0         |
|           | JUN. | 56.6    | 8.1           | 87.9                    | 102.2    | 91.1                      | 67.7         |
|           | JUL. | 57.4    | 7.9           | 87.9                    | 107.9    | 80.6                      | 68.9         |
|           | AGO. | 55.9    | 8.2           | 85.7                    | 107.9    | 78.9                      | 64.0         |
|           | SET. | 57.4    | 8.4           | 84.6                    | 106.6    | 85.9                      | 68.2         |
|           | OCT. | 58.6    | 8.4           | 85.7                    | 111.3    | 84.1                      | 69.3         |
|           | NOV. | 58.9    | 7.9           | 83.6                    | 115.5    | 84.1                      | 69.3         |
|           | DIC. | 77.7    | 7.9           | 84.6                    | 217.0    | 87.6                      | 68.4         |
| 2005      | ENE. | 103.3   | 34.0          | 129.1                   | 224.6    | 87.6                      | 49.2         |
|           | FEB. | 97.4    | 34.0          | 112.9                   | 225.4    | 85.9                      | 43.1         |
|           | MAR. | 108.3   | 34.0          | 162.8                   | 239.6    | 85.9                      | 49.3         |
|           | ABR. | 60.5    | 16.3          | 86.8                    | 94.7     | 84.1                      | 58.6         |
|           | MAY. | 73.9    | 29.7          | 87.9                    | 92.0     | 78.9                      | 68.6         |
|           | JUN. | 78.6    | 28.1          | 92.2                    | 95.3     | 91.1                      | 79.3         |
|           | JUL. | 81.2    | 27.2          | 91.1                    | 100.3    | 92.9                      | 84.0         |
|           | AGO. | 81.0    | 27.8          | 87.9                    | 102.8    | 91.1                      | 81.1         |
|           | SET. | 79.4    | 28.1          | 93.3                    | 104.9    | 92.9                      | 73.4         |
|           | OCT. | 83.1    | 29.4          | 89.9                    | 113.6    | 94.6                      | 75.9         |
|           | NOV. | 88.5    | 30.1          | 89.9                    | 114.5    | 94.6                      | 88.1         |
|           | DIC. | 113.0   | 49.0          | 188.9                   | 145.1    | 92.9                      | 86.6         |
| 2006      | ENE. | 111.0   | 66.9          | 188.9                   | 144.7    | 85.9                      | 66.3         |
|           | FEB. | 101.7   | 63.8          | 186.3                   | 145.9    | 89.4                      | 50.1         |
|           | MAR. | 108.9   | 55.2          | 183.8                   | 150.4    | 91.1                      | 72.5         |
|           | ABR. | 86.5    | 70.1          | 103.6                   | 86.3     | 92.9                      | 75.2         |
|           | MAY. | 71.0    | 27.0          | 103.6                   | 84.6     | 92.9                      | 92.3         |
|           | JUN. | 71.4    | 27.0          | 101.2                   | 85.2     | 94.6                      | 93.3         |
|           | JUL. | 75.9    | 35.0          | 109.7                   | 85.7     | 91.1                      | 96.4         |
|           | AGO. | 74.1    | 35.0          | 115.7                   | 83.8     | 91.1                      | 89.8         |
|           | SET. | 78.6    | 35.0          | 137.4                   | 87.7     | 92.9                      | 97.0         |
|           | OCT. | 78.4    | 35.2          | 138.6                   | 88.6     | 89.4                      | 95.2         |
|           | NOV. | 77.7    | 33.4          | 128.9                   | 90.8     | 94.6                      | 93.6         |
|           | DIC. | 106.8   | 33.6          | 306.1                   | 143.8    | 87.6                      | 97.0         |
| 2007      | ENE. | 119.0   | 64.6          | 306.1                   | 144.1    | 87.6                      | 74.4         |
|           | FEB. | 124.3   | 80.4          | 298.8                   | 144.4    | 87.6                      | 75.2         |
|           | MAR. | 104.2   | 74.3          | 295.2                   | 101.7    | 87.6                      | 83.7         |
|           | ABR. | 96.4    | 84.3          | 130.6                   | 98.2     | 87.6                      | 91.7         |
|           | MAY. | 86.2    | 69.9          | 88.9                    | 85.8     | 89.4                      | 99.8         |
|           | JUN. | 91.9    | 78.1          | 86.5                    | 86.3     | 92.9                      | 114.7        |
|           | JUL. | 96.3    | 98.3          | 90.4                    | 87.3     | 98.2                      | 114.2        |
|           | AGO. | 97.1    | 97.5          | 102.2                   | 88.7     | 98.2                      | 107.5        |
|           | SET. | 90.6    | 99.8          | 105.8                   | 89.1     | 99.9                      | 85.2         |
|           | OCT. | 95.3    | 102.9         | 114.4                   | 90.4     | 99.9                      | 92.6         |
|           | NOV. | 106.3   | 106.4         | 129.1                   | 91.8     | 99.9                      | 114.2        |
|           | DIC. | 127.0   | 89.5          | 278.7                   | 92.6     | 99.9                      | 114.6        |
| 2008      | ENE. | 112.9   | 76.6          | 295.9                   | 90.8     | 99.9                      | 82.1         |
|           | FEB. | 97.1    | 96.6          | 304.4                   | 89.8     | 98.2                      | 49.7         |
|           | MAR. | 80.6    | 94.3          | 119.9                   | 102.5    | 99.9                      | 54.3         |
|           | ABR. | 76.3    | 95.4          | 80.5                    | 94.8     | 101.7                     | 68.8         |
|           | MAY. | 67.4    | 96.0          | 40.6                    | 97.4     | 101.7                     | 77.4         |
|           | JUN. | 71.0    | 85.4          | 40.8                    | 99.2     | 101.7                     | 91.7         |
|           | JUL. | 75.2    | 114.9         | 42.1                    | 101.5    | 105.2                     | 93.4         |
|           | AGO. | 72.5    | 113.5         | 41.8                    | 99.2     | 106.5                     | 85.7         |
|           | SET. | 71.6    | 112.1         | 41.8                    | 97.2     | 111.9                     | 83.8         |
|           | OCT. | 73.6    | 120.3         | 43.7                    | 96.3     | 114.6                     | 87.0         |
|           | NOV. | 77.2    | 112.1         | 55.0                    | 97.4     | 111.9                     | 86.7         |
|           | DIC. | 85.1    | 110.8         | 79.2                    | 97.2     | 114.6                     | 90.5         |
| 2009      | ENE. | 78.9    | 118.3         | 82.9                    | 98.5     | 118.6                     | 65.5         |
|           | FEB. | 81.8    | 139.0         | 109.7                   | 89.0     | 117.3                     | 60.5         |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                         |          |                           |              |
|-----------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAR.      | 74.7    | 126.5         | 56.8                    | 98.5     | 120.0                     | 71.2         |
| ABR.      | 76.7    | 131.2         | 51.3                    | 99.2     | 117.3                     | 81.7         |
| MAY.      | 72.0    | 113.5         | 43.0                    | 91.9     | 120.0                     | 85.2         |
| JUN.      | 71.9    | 94.4          | 42.4                    | 94.6     | 118.6                     | 88.6         |
| JUL.      | 70.8    | 93.3          | 40.8                    | 89.2     | 115.9                     | 91.8         |
| AGO.      | 70.0    | 91.6          | 42.0                    | 90.2     | 118.6                     | 86.6         |
| SET.      | 70.8    | 89.3          | 43.4                    | 89.0     | 114.6                     | 90.0         |
| OCT.      | 87.3    | 85.8          | 90.2                    | 90.0     | 113.3                     | 93.8         |
| NOV.      | 88.4    | 85.8          | 93.9                    | 89.2     | 113.3                     | 95.7         |
| DIC.      | 107.4   | 115.8         | 169.9                   | 92.6     | 111.9                     | 96.3         |
| 2010 ENE. | 98.5    | 104.1         | 161.8                   | 93.4     | 109.5                     | 78.3         |
| FEB.      | 103.1   | 98.7          | 186.2                   | 101.1    | 109.5                     | 78.3         |
| MAR.      | 103.0   | 110.3         | 138.9                   | 103.5    | 108.3                     | 88.9         |
| ABR.      | 105.4   | 112.2         | 133.7                   | 101.8    | 110.7                     | 98.2         |
| MAY.      | 105.0   | 112.2         | 128.1                   | 101.5    | 113.1                     | 99.2         |
| JUN.      | 101.0   | 108.5         | 105.6                   | 97.6     | 111.9                     | 100.9        |
| JUL.      | 100.2   | 104.3         | 106.1                   | 96.1     | 113.1                     | 101.1        |
| AGO.      | 101.2   | 99.4          | 124.2                   | 98.5     | 113.1                     | 97.1         |
| SET.      | 101.3   | 98.8          | 130.4                   | 98.5     | 106.0                     | 96.3         |
| OCT.      | 100.0   | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 99.8    | 100.0         | 100.0                   | 101.0    | 98.8                      | 98.6         |
| DIC.      | 103.4   | 99.4          | 100.0                   | 112.7    | 98.0                      | 98.3         |
| 2011 ENE. | 91.8    | 87.0          | 103.2                   | 112.2    | 100.3                     | 72.0         |
| FEB.      | 94.8    | 85.8          | 104.5                   | 119.5    | 101.3                     | 73.4         |
| MAR.      | 100.7   | 94.5          | 108.5                   | 118.4    | 102.2                     | 83.8         |
| ABR.      | 103.9   | 97.1          | 109.2                   | 112.7    | 91.9                      | 96.6         |
| MAY.      | 106.0   | 96.7          | 110.5                   | 111.9    | 91.0                      | 102.2        |
| JUN.      | 108.1   | 104.3         | 117.2                   | 110.9    | 94.7                      | 103.1        |
| JUL.      | 108.2   | 104.7         | 119.2                   | 110.7    | 93.8                      | 103.1        |
| AGO.      | 108.3   | 105.5         | 119.8                   | 113.2    | 97.2                      | 100.6        |
| SET.      | 108.0   | 103.6         | 119.2                   | 112.1    | 98.0                      | 101.3        |
| OCT.      | 105.7   | 99.8          | 116.7                   | 106.2    | 96.3                      | 102.2        |
| NOV.      | 105.1   | 99.8          | 116.1                   | 106.8    | 92.9                      | 100.9        |
| DIC.      | 107.1   | 99.4          | 123.4                   | 110.6    | 96.3                      | 101.0        |
| 2012 ENE. | 99.5    | 101.3         | 127.0                   | 110.2    | 95.5                      | 79.9         |
| FEB.      | 102.3   | 101.3         | 142.6                   | 109.2    | 94.6                      | 83.9         |
| MAR.      | 104.4   | 100.1         | 126.4                   | 117.1    | 95.5                      | 87.4         |
| ABR.      | 116.1   | 99.4          | 171.5                   | 118.2    | 92.9                      | 105.8        |
| MAY.      | 115.8   | 100.1         | 207.6                   | 112.1    | 99.7                      | 102.6        |
| JUN.      | 115.9   | 99.8          | 200.5                   | 109.9    | 98.0                      | 105.8        |
| JUL.      | 114.2   | 95.2          | 196.3                   | 111.7    | 94.4                      | 103.0        |
| AGO.      | 110.0   | 95.2          | 205.5                   | 99.2     | 95.8                      | 102.4        |
| SET.      | 109.7   | 94.8          | 204.1                   | 102.2    | 94.4                      | 99.5         |
| OCT.      | 111.7   | 96.7          | 199.8                   | 105.5    | 95.8                      | 100.9        |
| NOV.      | 111.7   | 96.7          | 207.0                   | 105.5    | 93.6                      | 100.7        |
| DIC.      | 111.7   | 97.5          | 208.4                   | 105.7    | 92.9                      | 100.1        |
| 2013 ENE. | 103.3   | 100.5         | 182.2                   | 108.7    | 92.9                      | 80.2         |
| FEB.      | 102.7   | 99.0          | 180.2                   | 112.5    | 94.4                      | 76.5         |
| MAR.      | 108.6   | 97.9          | 174.2                   | 117.5    | 93.6                      | 88.0         |
| ABR.      | 109.2   | 99.8          | 165.4                   | 112.0    | 96.5                      | 93.7         |
| MAY.      | 112.0   | 94.0          | 166.5                   | 109.9    | 100.2                     | 103.4        |
| JUN.      | 112.5   | 94.0          | 167.6                   | 110.0    | 98.0                      | 104.7        |
| JUL.      | 112.3   | 94.4          | 161.0                   | 112.4    | 101.7                     | 102.5        |
| AGO.      | 107.8   | 94.4          | 154.4                   | 111.5    | 98.7                      | 93.7         |
| SET.      | 112.6   | 96.0          | 149.2                   | 111.5    | 96.5                      | 105.6        |
| OCT.      | 112.6   | 98.2          | 150.2                   | 110.8    | 100.2                     | 104.3        |
| NOV.      | 112.1   | 97.1          | 154.4                   | 111.1    | 99.5                      | 102.8        |
| DIC.      | 113.0   | 99.0          | 155.4                   | 112.7    | 100.2                     | 102.6        |
| 2014 ENE. | 105.4   | 93.7          | 151.3                   | 116.1    | 100.2                     | 83.7         |
| FEB.      | 103.7   | 94.4          | 145.0                   | 116.1    | 101.7                     | 80.0         |
| MAR.      | 107.0   | 93.7          | 145.0                   | 114.0    | 101.7                     | 90.0         |
| ABR.      | 110.4   | 92.5          | 141.9                   | 115.6    | 101.7                     | 97.8         |
| MAY.      | 109.9   | 92.5          | 155.4                   | 112.9    | 98.0                      | 97.5         |
| JUN.      | 109.2   | 91.4          | 155.4                   | 111.3    | 97.3                      | 97.7         |
| JUL.      | 113.5   | 92.5          | 151.3                   | 116.9    | 98.0                      | 103.8        |
| AGO.      | 110.9   | 93.7          | 151.3                   | 115.1    | 97.3                      | 98.6         |
| SET.      | 112.7   | 94.4          | 156.4                   | 111.8    | 95.8                      | 105.0        |
| OCT.      | 112.1   | 96.3          | 152.3                   | 110.4    | 95.8                      | 104.7        |
| NOV.      | 112.1   | 96.0          | 154.4                   | 110.4    | 95.8                      | 104.4        |
| DIC.      | 113.0   | 95.6          | 150.2                   | 112.9    | 97.3                      | 105.2        |
| 2015 ENE. | 103.8   | 97.1          | 152.3                   | 111.3    | 100.2                     | 82.7         |
| FEB.      | 102.6   | 99.4          | 155.4                   | 115.2    | 109.0                     | 74.2         |
| MAR.      | 107.4   | 100.5         | 155.4                   | 115.2    | 106.8                     | 85.0         |
| ABR.      | 114.7   | 99.4          | 155.4                   | 118.4    | 106.8                     | 100.2        |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                         |          |                           |              |
|-----------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAY.      | 115.0   | 99.0          | 152.3                   | 119.1    | 105.3                     | 101.2        |
| JUN.      | 113.4   | 99.4          | 152.3                   | 110.0    | 108.2                     | 104.4        |
| JUL.      | 114.2   | 99.4          | 151.3                   | 109.8    | 105.3                     | 107.2        |
| AGO.      | 113.2   | 96.0          | 151.3                   | 109.3    | 112.6                     | 105.2        |
| SET.      | 114.7   | 96.7          | 151.3                   | 110.3    | 123.6                     | 105.3        |
| OCT.      | 115.6   | 100.9         | 151.3                   | 110.5    | 123.6                     | 105.8        |
| NOV.      | 111.8   | 100.9         | 150.2                   | 100.9    | 122.1                     | 104.7        |
| DIC.      | 111.0   | 100.9         | 152.3                   | 101.7    | 122.1                     | 101.9        |
| 2016 ENE. | 97.8    | 102.0         | 152.3                   | 102.0    | 121.4                     | 68.7         |
| FEB.      | 99.8    | 102.0         | 176.1                   | 105.3    | 96.5                      | 72.4         |
| MAR.      | 102.3   | 103.9         | 174.1                   | 109.0    | 98.0                      | 74.5         |
| ABR.      | 108.7   | 103.2         | 174.1                   | 108.8    | 100.2                     | 90.0         |
| MAY.      | 111.4   | 129.1         | 171.0                   | 103.8    | 98.0                      | 91.5         |
| JUN.      | 108.2   | 127.7         | 165.8                   | 99.7     | 98.7                      | 88.4         |
| JUL.      | 110.1   | 128.6         | 153.5                   | 99.1     | 96.5                      | 95.3         |
| AGO.      | 109.1   | 130.4         | 152.4                   | 99.8     | 95.8                      | 91.9         |
| SET.      | 110.2   | 129.1         | 150.4                   | 99.8     | 101.7                     | 94.3         |
| OCT.      | 111.9   | 130.9         | 145.2                   | 101.8    | 100.2                     | 97.2         |
| NOV.      | 112.0   | 132.4         | 141.1                   | 101.8    | 103.1                     | 97.0         |
| DIC.      | 113.6   | 132.4         | 138.2                   | 103.7    | 115.6                     | 96.8         |
| 2017 ENE. | 106.6   | 130.4         | 138.2                   | 101.8    | 115.6                     | 81.9         |
| FEB.      | 106.1   | 130.4         | 138.2                   | 105.1    | 115.6                     | 77.7         |
| MAR.      | 108.2   | 133.9         | 136.3                   | 109.7    | 115.6                     | 78.0         |
| ABR.      | 111.2   | 133.9         | 136.3                   | 107.8    | 115.6                     | 87.0         |
| MAY.      | 109.7   | 133.9         | 135.4                   | 101.6    | 110.9                     | 90.0         |
| JUN.      | 108.2   | 133.9         | 136.3                   | 99.2     | 110.9                     | 88.4         |
| JUL.      | 107.2   | 131.9         | 138.2                   | 97.8     | 106.3                     | 88.4         |
| AGO.      | 105.8   | 130.4         | 139.2                   | 97.2     | 107.8                     | 85.7         |
| SET.      | 106.8   | 132.4         | 138.2                   | 98.0     | 106.3                     | 87.3         |
| OCT.      | 108.0   | 132.4         | 138.2                   | 98.0     | 105.0                     | 90.3         |
| NOV.      | 108.4   | 130.4         | 138.2                   | 100.1    | 108.8                     | 89.4         |
| DIC.      | 109.6   | 130.4         | 143.3                   | 102.5    | 107.5                     | 89.7         |
| 2018 ENE. | 99.7    | 130.4         | 139.2                   | 102.1    | 108.8                     | 67.3         |
| FEB.      | 100.4   | 130.4         | 131.8                   | 103.6    | 108.8                     | 69.1         |
| MAR.      | 101.1   | 130.4         | 131.8                   | 110.1    | 108.8                     | 66.5         |
| ABR.      | 106.8   | 130.4         | 131.8                   | 108.8    | 108.8                     | 79.8         |
| MAY.      | 109.6   | 130.4         | 128.1                   | 100.3    | 107.5                     | 93.0         |
| JUN.      | 110.0   | 130.4         | 129.1                   | 99.7     | 106.3                     | 94.5         |
| JUL.      | 108.6   | 129.6         | 129.8                   | 99.4     | 105.3                     | 91.9         |
| AGO.      | 107.4   | 127.3         | 141.2                   | 97.2     | 106.3                     | 88.3         |
| SET.      | 107.4   | 129.6         | 135.9                   | 95.9     | 105.3                     | 90.4         |
| OCT.      | 107.7   | 135.1         | 118.4                   | 96.5     | 105.3                     | 93.3         |
| NOV.      | 109.9   | 135.1         | 117.7                   | 99.0     | 110.2                     | 95.0         |
| DIC.      | 109.9   | 136.6         | 117.7                   | 100.6    | 108.7                     | 93.8         |
| 2019 ENE. | 101.4   | 135.8         | 116.2                   | 97.6     | 107.7                     | 76.1         |
| FEB.      | 106.7   | 138.9         | 125.0                   | 108.3    | 109.2                     | 77.1         |
| MAR.      | 108.7   | 138.9         | 121.1                   | 109.7    | 107.7                     | 82.3         |
| ABR.      | 114.7   | 138.9         | 121.1                   | 112.4    | 110.2                     | 94.2         |
| MAY.      | 111.4   | 138.9         | 120.4                   | 103.0    | 112.7                     | 93.6         |
| JUN.      | 111.8   | 140.5         | 117.1                   | 102.0    | 113.7                     | 95.6         |
| JUL.      | 112.1   | 141.3         | 114.7                   | 102.2    | 115.1                     | 95.8         |
| AGO.      | 110.2   | 135.8         | 113.9                   | 105.4    | 117.6                     | 88.8         |
| SET.      | 111.8   | 141.3         | 113.9                   | 104.6    | 120.1                     | 91.3         |
| OCT.      | 112.0   | 143.6         | 116.7                   | 105.6    | 114.2                     | 91.7         |
| NOV. P/   | 112.4   | 144.4         | 116.7                   | 105.8    | 115.1                     | 92.2         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                            |          |                              |              |
|-----------|---------|---------------|----------------------------|----------|------------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 2/ |
| 2003 ENE. | 102.4   | -             | 151.7                      | 16.9     | -                            | 74.9         |
| FEB.      | 101.5   | -             | 151.7                      | 16.9     | -                            | 73.8         |
| MAR.      | 103.7   | -             | 151.3                      | 16.9     | -                            | 76.7         |
| ABR.      | 101.0   | -             | 144.1                      | 16.9     | -                            | 75.6         |
| MAY.      | 102.4   | -             | 145.9                      | 16.9     | -                            | 76.8         |
| JUN.      | 101.5   | -             | 145.6                      | 17.5     | -                            | 75.5         |
| JUL.      | 103.5   | -             | 138.5                      | 17.5     | -                            | 80.6         |
| AGO.      | 104.3   | -             | 137.3                      | 17.5     | -                            | 82.1         |
| SET.      | 105.0   | -             | 137.3                      | 17.2     | -                            | 83.3         |
| OCT.      | 102.5   | -             | 137.3                      | 17.2     | -                            | 79.8         |
| NOV.      | 97.7    | -             | 124.2                      | 17.2     | -                            | 78.4         |
| DIC.      | 97.9    | -             | 124.2                      | 17.5     | -                            | 78.4         |
| 2004 ENE. | 94.4    | -             | 124.2                      | 17.5     | -                            | 73.7         |
| FEB.      | 95.7    | -             | 124.2                      | 19.0     | -                            | 74.5         |
| MAR.      | 97.8    | -             | 125.0                      | 19.0     | -                            | 77.1         |
| ABR.      | 99.0    | -             | 126.1                      | 19.0     | -                            | 78.2         |
| MAY.      | 101.2   | -             | 130.3                      | 15.8     | -                            | 80.6         |
| JUN.      | 97.8    | -             | 129.8                      | 3.5      | -                            | 80.0         |
| JUL.      | 93.0    | -             | 120.2                      | -        | -                            | 79.3         |
| AGO.      | 91.2    | -             | 120.3                      | -        | -                            | 75.4         |
| SET.      | 92.3    | -             | 119.3                      | -        | -                            | 78.5         |
| OCT.      | 90.2    | -             | 113.5                      | -        | -                            | 79.8         |
| NOV.      | 97.4    | -             | 132.2                      | -        | -                            | 76.8         |
| DIC.      | 103.1   | -             | 142.7                      | -        | -                            | 78.9         |
| 2005 ENE. | 102.3   | -             | 143.4                      | -        | -                            | 76.5         |
| FEB.      | 103.8   | 225.7         | 146.3                      | -        | -                            | 76.6         |
| MAR.      | 105.5   | 222.7         | 146.0                      | -        | -                            | 80.9         |
| ABR.      | 104.3   | 219.7         | 143.8                      | -        | -                            | 80.6         |
| MAY.      | 103.3   | 210.7         | 143.7                      | -        | -                            | 79.0         |
| JUN.      | 103.5   | 210.7         | 143.5                      | -        | -                            | 79.7         |
| JUL.      | 104.7   | 186.6         | 146.8                      | -        | -                            | 80.5         |
| AGO.      | 102.3   | 156.5         | 147.4                      | -        | -                            | 77.6         |
| SET.      | 108.0   | 150.5         | 159.0                      | -        | -                            | 79.7         |
| OCT.      | 109.7   | 148.7         | 158.6                      | -        | -                            | 84.7         |
| NOV.      | 117.4   | 149.4         | 177.0                      | 67.8     | -                            | 86.2         |
| DIC.      | 119.7   | 150.1         | 176.6                      | 74.9     | -                            | 91.1         |
| 2006 ENE. | 122.4   | 150.8         | 185.6                      | 78.5     | -                            | 89.0         |
| FEB.      | 123.8   | 144.3         | 183.8                      | 85.6     | -                            | 94.4         |
| MAR.      | 124.9   | 144.3         | 184.5                      | 79.7     | -                            | 97.5         |
| ABR.      | 125.0   | 144.3         | 185.2                      | 74.9     | -                            | 97.6         |
| MAY.      | 126.5   | 144.3         | 186.3                      | 76.9     | -                            | 99.8         |
| JUN.      | 134.0   | 145.0         | 184.8                      | 74.9     | -                            | 122.6        |
| JUL.      | 136.1   | 145.0         | 188.1                      | 75.6     | -                            | 124.7        |
| AGO.      | 136.2   | 145.0         | 188.6                      | 78.8     | -                            | 123.5        |
| SET.      | 130.7   | 142.1         | 187.0                      | 74.9     | -                            | 111.4        |
| OCT.      | 135.4   | 154.5         | 192.1                      | 74.3     | -                            | 116.3        |
| NOV.      | 144.9   | 153.7         | 206.4                      | 73.6     | -                            | 128.0        |
| DIC.      | 152.9   | 153.7         | 226.6                      | 69.1     | -                            | 129.2        |
| 2007 ENE. | 146.6   | 153.7         | 223.6                      | 66.5     | -                            | 115.1        |
| FEB.      | 131.2   | 153.7         | 220.3                      | 67.2     | -                            | 74.8         |
| MAR.      | 144.1   | 154.5         | 217.7                      | 62.6     | -                            | 115.1        |
| ABR.      | 146.5   | 154.5         | 221.6                      | 62.0     | -                            | 117.9        |
| MAY.      | 149.8   | 163.2         | 230.9                      | 64.6     | -                            | 112.2        |
| JUN.      | 156.7   | 163.2         | 226.9                      | 72.3     | -                            | 139.7        |
| JUL.      | 153.8   | 164.6         | 220.6                      | 74.9     | -                            | 138.0        |
| AGO.      | 149.0   | 164.6         | 216.9                      | 76.9     | -                            | 126.5        |
| SET.      | 149.7   | 164.6         | 214.3                      | 78.1     | -                            | 132.4        |
| OCT.      | 149.3   | 164.6         | 213.1                      | 77.5     | -                            | 132.9        |
| NOV.      | 153.1   | 164.6         | 222.8                      | 79.4     | -                            | 131.6        |
| DIC.      | 158.0   | 171.1         | 233.2                      | 79.4     | -                            | 131.0        |
| 2008 ENE. | 164.5   | 201.5         | 247.2                      | 80.1     | -                            | 122.4        |
| FEB.      | 148.4   | 179.2         | 244.8                      | 85.9     | -                            | 74.2         |
| MAR.      | 142.4   | 157.6         | 223.7                      | 82.0     | -                            | 93.4         |
| ABR.      | 143.9   | 153.8         | 219.0                      | 80.7     | -                            | 105.9        |
| MAY.      | 142.7   | 153.8         | 211.6                      | 81.4     | -                            | 111.6        |
| JUN.      | 138.5   | 147.3         | 202.9                      | 81.4     | -                            | 111.6        |
| JUL.      | 137.2   | 151.1         | 195.3                      | 80.0     | -                            | 116.7        |
| AGO.      | 132.6   | 149.8         | 186.5                      | 81.8     | -                            | 112.1        |
| SET.      | 119.4   | 105.3         | 179.1                      | 82.1     | -                            | 94.4         |
| OCT.      | 116.9   | 55.9          | 176.9                      | 81.8     | -                            | 106.4        |
| NOV.      | 116.2   | 55.4          | 175.3                      | 79.6     | -                            | 107.2        |
| DIC.      | 113.2   | 55.4          | 167.1                      | 81.0     | -                            | 107.0        |
| 2009 ENE. | 105.8   | 74.8          | 149.7                      | 81.6     | -                            | 98.0         |
| FEB.      | 95.6    | 74.3          | 132.9                      | 96.5     | -                            | 78.5         |
| MAR.      | 95.9    | 73.8          | 129.6                      | 96.8     | -                            | 83.1         |
| ABR.      | 93.9    | 73.8          | 119.3                      | 95.9     | -                            | 89.5         |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                            |          |                              |              |
|-----------|---------|---------------|----------------------------|----------|------------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac.,<br>y comun. | Servicios 2/ |
| 2010 MAY. | 99.8    | 64.9          | 119.6                      | 96.2     | -                            | 110.0        |
| JUN.      | 104.0   | 64.9          | 129.0                      | 94.3     | -                            | 113.0        |
| JUL.      | 101.0   | 72.3          | 120.6                      | 93.4     | -                            | 111.5        |
| AGO.      | 98.6    | 72.3          | 118.8                      | 92.4     | -                            | 106.4        |
| SET.      | 92.4    | 73.3          | 117.4                      | 94.9     | -                            | 87.2         |
| OCT.      | 90.4    | 73.8          | 117.0                      | 93.0     | -                            | 82.3         |
| NOV.      | 100.9   | 73.8          | 118.1                      | 95.3     | -                            | 112.2        |
| DIC.      | 105.2   | 81.2          | 128.3                      | 95.3     | 100.0                        | 111.3        |
| ENE.      | 107.9   | 85.4          | 139.4                      | 95.6     | 106.0                        | 89.9         |
| FEB.      | 97.6    | 65.2          | 135.8                      | 97.5     | 108.0                        | 80.8         |
| MAR.      | 97.1    | 67.3          | 130.0                      | 96.5     | 112.0                        | 87.6         |
| ABR.      | 90.0    | 65.3          | 109.4                      | 95.6     | 112.0                        | 98.9         |
| MAY.      | 88.8    | 63.5          | 110.2                      | 94.9     | 110.0                        | 94.0         |
| JUN.      | 91.8    | 63.8          | 106.8                      | 97.2     | 106.0                        | 120.8        |
| JUL.      | 96.2    | 72.1          | 107.1                      | 99.4     | 106.0                        | 127.1        |
| AGO.      | 98.2    | 83.5          | 106.4                      | 100.6    | 102.0                        | 113.7        |
| SET.      | 103.8   | 105.2         | 104.7                      | 100.9    | 100.0                        | 99.6         |
| OCT.      | 100.0   | 100.0         | 100.0                      | 100.0    | 100.0                        | 100.0        |
| NOV.      | 101.9   | 100.4         | 97.7                       | 103.2    | 100.0                        | 115.5        |
| DIC.      | 106.0   | 103.3         | 103.5                      | 103.5    | 100.0                        | 120.4        |
| 2011 ENE. | 120.0   | 81.5          | 166.3                      | 102.8    | 102.0                        | 106.1        |
| FEB.      | 127.9   | 91.0          | 183.9                      | 103.5    | 116.0                        | 87.5         |
| MAR.      | 133.3   | 105.1         | 180.5                      | 106.2    | 116.0                        | 95.8         |
| ABR.      | 110.5   | 105.6         | 118.2                      | 104.3    | 114.0                        | 104.0        |
| MAY.      | 107.5   | 98.7          | 110.6                      | 107.9    | 118.0                        | 118.0        |
| JUN.      | 107.0   | 98.3          | 102.2                      | 111.4    | 118.0                        | 135.3        |
| JUL.      | 107.7   | 93.1          | 108.0                      | 112.1    | 120.0                        | 138.2        |
| AGO.      | 118.1   | 125.5         | 104.9                      | 117.4    | 118.0                        | 132.4        |
| SET.      | 120.8   | 138.1         | 106.8                      | 110.2    | 128.0                        | 119.6        |
| OCT.      | 125.1   | 137.5         | 118.1                      | 108.0    | 134.0                        | 122.4        |
| NOV.      | 125.6   | 126.7         | 123.3                      | 101.6    | 134.0                        | 143.5        |
| DIC.      | 124.3   | 124.5         | 123.4                      | 94.4     | 132.0                        | 144.7        |
| 2012 ENE. | 117.6   | 104.1         | 133.6                      | 91.6     | 144.0                        | 125.4        |
| FEB.      | 112.2   | 92.9          | 140.5                      | 92.0     | 144.0                        | 99.5         |
| MAR.      | 118.9   | 97.3          | 148.4                      | 83.6     | 160.0                        | 117.7        |
| ABR.      | 116.1   | 88.8          | 143.5                      | 82.8     | 156.0                        | 132.5        |
| MAY.      | 110.7   | 86.0          | 125.2                      | 81.7     | 152.0                        | 150.3        |
| JUN.      | 111.9   | 86.3          | 124.3                      | 82.3     | 144.0                        | 159.6        |
| JUL.      | 114.4   | 95.1          | 119.5                      | 84.7     | 150.0                        | 165.3        |
| AGO.      | 138.1   | 150.0         | 124.8                      | 85.8     | 162.0                        | 170.6        |
| SET.      | 133.2   | 145.4         | 125.8                      | 85.6     | 152.0                        | 148.6        |
| OCT.      | 148.6   | 164.4         | 128.2                      | 120.9    | 152.0                        | 175.4        |
| NOV.      | 156.4   | 166.5         | 144.3                      | 123.1    | 156.0                        | 180.2        |
| DIC.      | 157.5   | 163.4         | 151.4                      | 121.9    | 160.0                        | 178.5        |
| 2013 ENE. | 146.5   | 154.0         | 139.7                      | 118.9    | 168.0                        | 157.6        |
| FEB.      | 134.4   | 112.1         | 158.4                      | 121.3    | 178.0                        | 128.0        |
| MAR.      | 134.7   | 108.0         | 155.8                      | 118.8    | 192.0                        | 148.5        |
| ABR.      | 120.6   | 80.2          | 141.0                      | 117.0    | 192.0                        | 159.6        |
| MAY.      | 120.2   | 75.0          | 141.6                      | 115.8    | 186.0                        | 169.4        |
| JUN.      | 127.7   | 80.1          | 147.4                      | 118.1    | 184.0                        | 191.1        |
| JUL.      | 133.2   | 95.6          | 147.0                      | 115.8    | 182.0                        | 193.3        |
| AGO.      | 144.1   | 124.9         | 149.3                      | 115.2    | 172.0                        | 191.5        |
| SET.      | 144.8   | 143.2         | 145.1                      | 114.5    | 162.0                        | 162.8        |
| OCT.      | 144.2   | 135.9         | 142.0                      | 114.5    | 168.0                        | 183.5        |
| NOV.      | 161.9   | 168.5         | 151.2                      | 135.8    | 168.0                        | 183.4        |
| DIC.      | 170.8   | 184.9         | 158.6                      | 136.0    | 196.0                        | 183.5        |
| 2014 ENE. | 166.4   | 178.1         | 163.6                      | 137.1    | 186.0                        | 158.7        |
| FEB.      | 141.8   | 113.6         | 167.8                      | 139.1    | 192.0                        | 137.3        |
| MAR.      | 138.2   | 110.6         | 151.1                      | 157.1    | 192.0                        | 147.0        |
| ABR.      | 142.5   | 105.5         | 160.1                      | 153.2    | 190.0                        | 168.6        |
| MAY.      | 134.9   | 73.6          | 161.3                      | 154.1    | 178.0                        | 189.7        |
| JUN.      | 137.9   | 71.8          | 173.0                      | 148.4    | 172.0                        | 193.0        |
| JUL.      | 141.4   | 80.9          | 172.2                      | 150.2    | 176.0                        | 195.0        |
| AGO.      | 152.3   | 132.9         | 152.7                      | 147.6    | 172.0                        | 196.2        |
| SET.      | 158.0   | 142.0         | 159.1                      | 150.9    | 178.0                        | 194.5        |
| OCT.      | 155.9   | 138.2         | 156.4                      | 150.2    | 178.0                        | 196.6        |
| NOV.      | 191.4   | 179.2         | 217.5                      | 150.2    | 172.0                        | 197.5        |
| DIC.      | 195.3   | 192.5         | 213.3                      | 150.4    | 178.0                        | 201.4        |
| 2015 ENE. | 188.6   | 175.8         | 216.1                      | 149.7    | 182.0                        | 190.2        |
| FEB.      | 157.5   | 131.9         | 188.0                      | 148.9    | 178.0                        | 149.9        |
| MAR.      | 159.9   | 124.1         | 202.6                      | 150.3    | 168.0                        | 149.0        |
| ABR.      | 166.3   | 124.0         | 203.4                      | 149.3    | 190.0                        | 190.5        |
| MAY.      | 154.0   | 115.2         | 174.1                      | 146.0    | 190.0                        | 200.7        |
| JUN.      | 149.0   | 100.6         | 171.8                      | 147.8    | 190.0                        | 205.0        |
| JUL.      | 155.1   | 123.1         | 165.5                      | 148.3    | 216.0                        | 204.8        |
| AGO.      | 163.8   | 150.0         | 163.9                      | 147.4    | 216.0                        | 203.1        |

**CIUDAD DE SULLANA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019**

**(Año base octubre 2010=100)**

| AÑO Y MES | Sullana |               |                         |          |                           |              |
|-----------|---------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total   | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2016 SET. | 158.8   | 158.4         | 152.7                   | 150.4    | 210.0                     | 171.3        |
| OCT.      | 158.2   | 151.5         | 152.4                   | 149.0    | 242.0                     | 183.9        |
| NOV.      | 156.0   | 148.6         | 148.0                   | 152.1    | 234.0                     | 182.9        |
| DIC.      | 163.7   | 153.9         | 152.5                   | 152.1    | 258.0                     | 210.1        |
| ENE.      | 162.2   | 136.6         | 187.6                   | 152.7    | 244.0                     | 170.4        |
| FEB.      | 143.7   | 93.9          | 191.2                   | 153.1    | 268.0                     | 142.5        |
| MAR.      | 140.3   | 84.7          | 182.7                   | 155.2    | 210.0                     | 161.6        |
| ABR.      | 141.9   | 83.7          | 187.4                   | 153.7    | 240.0                     | 164.5        |
| MAY.      | 142.4   | 73.3          | 186.7                   | 154.6    | 252.0                     | 190.9        |
| JUN.      | 136.2   | 75.3          | 158.8                   | 155.5    | 296.0                     | 198.8        |
| JUL.      | 132.7   | 105.1         | 116.5                   | 154.2    | 312.0                     | 191.1        |
| AGO.      | 154.1   | 142.6         | 140.2                   | 154.0    | 312.0                     | 192.9        |
| SET.      | 152.8   | 139.7         | 140.6                   | 149.4    | 310.0                     | 195.5        |
| OCT.      | 161.8   | 147.8         | 159.1                   | 148.4    | 316.0                     | 198.9        |
| NOV.      | 171.7   | 142.8         | 196.7                   | 149.9    | 316.0                     | 199.5        |
| DIC.      | 168.4   | 140.7         | 193.5                   | 149.6    | 316.0                     | 190.4        |
| 2017 ENE. | 164.5   | 138.2         | 200.1                   | 149.9    | 278.0                     | 161.5        |
| FEB.      | 161.0   | 138.1         | 197.4                   | 150.4    | 278.0                     | 144.6        |
| MAR.      | 149.0   | 101.7         | 198.1                   | 149.2    | 278.0                     | 153.3        |
| ABR.      | 135.1   | 100.9         | 156.0                   | 146.3    | 278.0                     | 151.4        |
| MAY.      | 140.0   | 100.5         | 155.4                   | 142.4    | 348.0                     | 182.1        |
| JUN.      | 136.9   | 93.4          | 150.9                   | 145.5    | 386.0                     | 182.3        |
| JUL.      | 141.1   | 95.2          | 161.0                   | 146.7    | 368.0                     | 185.0        |
| AGO.      | 139.0   | 95.1          | 153.1                   | 148.5    | 378.0                     | 184.4        |
| SET.      | 144.4   | 110.9         | 152.7                   | 149.3    | 364.0                     | 183.5        |
| OCT.      | 147.1   | 118.1         | 151.0                   | 150.2    | 364.0                     | 186.3        |
| NOV.      | 148.4   | 117.9         | 151.1                   | 158.6    | 364.0                     | 186.3        |
| DIC.      | 141.4   | 125.7         | 118.5                   | 157.9    | 364.0                     | 187.0        |
| 2018 ENE. | 130.7   | 86.7          | 147.9                   | 159.4    | 364.0                     | 152.9        |
| FEB.      | 127.4   | 83.7          | 154.8                   | 157.8    | 364.0                     | 127.8        |
| MAR.      | 136.4   | 82.2          | 173.0                   | 159.1    | 364.0                     | 151.7        |
| ABR.      | 124.6   | 66.7          | 135.6                   | 160.7    | 364.0                     | 182.4        |
| MAY.      | 128.1   | 69.6          | 139.6                   | 160.7    | 364.0                     | 189.6        |
| JUN.      | 128.6   | 69.2          | 142.6                   | 157.2    | 352.9                     | 190.6        |
| JUL.      | 132.9   | 85.4          | 143.1                   | 156.3    | 303.6                     | 190.2        |
| AGO.      | 130.9   | 115.7         | 127.8                   | 145.4    | 319.5                     | 171.2        |
| SET.      | 129.4   | 141.2         | 107.9                   | 144.4    | 310.0                     | 170.1        |
| OCT.      | 135.7   | 159.0         | 108.3                   | 142.9    | 252.7                     | 183.9        |
| NOV.      | 155.6   | 159.4         | 157.1                   | 141.8    | 252.7                     | 185.4        |
| DIC.      | 151.4   | 154.7         | 148.9                   | 145.0    | 254.3                     | 185.5        |
| 2019 ENE. | 147.1   | 149.6         | 153.9                   | 144.5    | 254.3                     | 152.4        |
| FEB.      | 139.3   | 62.4          | 196.4                   | 141.6    | 241.6                     | 135.3        |
| MAR.      | 135.9   | 58.6          | 181.7                   | 142.9    | 235.2                     | 157.4        |
| ABR.      | 135.9   | 59.2          | 179.6                   | 145.0    | 251.1                     | 159.6        |
| MAY.      | 128.0   | 69.9          | 152.5                   | 144.6    | 251.1                     | 166.2        |
| JUN.      | 121.6   | 69.4          | 134.7                   | 150.2    | 251.1                     | 169.3        |
| JUL.      | 128.3   | 95.2          | 136.1                   | 146.6    | 246.4                     | 169.4        |
| AGO.      | 145.5   | 161.0         | 138.7                   | 146.4    | 249.6                     | 165.4        |
| SET.      | 154.9   | 195.1         | 141.8                   | 146.5    | 249.6                     | 161.4        |
| OCT.      | 180.5   | 207.7         | 194.8                   | 146.6    | 249.6                     | 163.3        |
| NOV. P/   | 180.5   | 213.6         | 191.9                   | 143.4    | 249.6                     | 164.4        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2004 ENE. | -6.9               | -0.3          | -15.1                   | 2.9      | 7.7                       | -6.0         | -6.9                        | -0.3          | -15.1                   | 2.9      | 7.7                       | -6.0         |
| FEB.      | -1.3               | 0.0           | -7.6                    | 8.6      | 3.6                       | -1.4         | -4.2                        | -0.2          | -11.4                   | 5.7      | 5.6                       | -3.8         |
| MAR.      | -2.4               | -2.1          | -10.7                   | 8.1      | 11.1                      | -1.0         | -3.6                        | -0.8          | -11.2                   | 6.5      | 7.4                       | -2.8         |
| ABR.      | -0.7               | 0.0           | -10.7                   | 14.7     | 15.4                      | 0.3          | -2.8                        | -0.6          | -11.0                   | 8.6      | 9.3                       | -2.0         |
| MAY.      | 0.2                | -1.8          | -8.9                    | 3.9      | 7.1                       | 5.8          | -2.2                        | -0.8          | -10.6                   | 7.6      | 8.9                       | -0.4         |
| JUN.      | -2.2               | 4.6           | -9.3                    | -18.0    | 7.1                       | 7.3          | -2.2                        | 0.1           | -10.4                   | 3.3      | 8.6                       | 0.9          |
| JUL.      | -7.6               | -31.8         | -11.4                   | -14.2    | -5.2                      | 2.0          | -3.0                        | -6.3          | -10.5                   | 0.7      | 6.6                       | 1.1          |
| AGO.      | -8.8               | -29.5         | -10.6                   | -13.8    | -0.1                      | -3.0         | -3.8                        | -10.1         | -10.5                   | -1.2     | 5.8                       | 0.6          |
| SET.      | -9.0               | -28.0         | -11.5                   | -14.4    | 1.0                       | -2.0         | -4.4                        | -12.7         | -10.6                   | -2.6     | 5.2                       | 0.3          |
| OCT.      | -7.7               | -28.0         | -15.1                   | -6.2     | -1.1                      | 2.2          | -4.7                        | -14.6         | -11.1                   | -3.0     | 4.6                       | 0.5          |
| NOV.      | -0.5               | -23.6         | 5.0                     | -10.9    | -1.1                      | 2.2          | -4.3                        | -15.5         | -9.8                    | -3.8     | 4.0                       | 0.6          |
| DIC.      | 15.5               | -25.6         | 12.6                    | 68.0     | 3.0                       | 3.3          | -2.7                        | -16.4         | -8.1                    | 2.5      | 4.0                       | 0.8          |
| 2005 ENE. | 40.9               | 331.2         | 17.4                    | 80.7     | 3.0                       | 4.5          | 40.9                        | 331.2         | 17.4                    | 80.7     | 3.0                       | 4.5          |
| FEB.      | 34.3               | 338.9         | 8.8                     | 72.6     | -2.5                      | -0.2         | 37.5                        | 335.0         | 13.0                    | 76.6     | 0.2                       | 2.1          |
| MAR.      | 39.7               | 337.2         | 18.2                    | 83.5     | -5.8                      | 2.7          | 38.3                        | 335.7         | 14.7                    | 78.9     | -1.9                      | 2.3          |
| ABR.      | 2.6                | 140.2         | 12.9                    | -32.2    | -7.7                      | 3.3          | 29.0                        | 287.1         | 14.3                    | 49.3     | -3.4                      | 2.6          |
| MAY.      | 8.3                | 286.5         | 9.5                     | -27.7    | -13.5                     | 0.3          | 24.7                        | 286.9         | 13.3                    | 34.3     | -5.4                      | 2.1          |
| JUN.      | 14.8               | 253.9         | 10.1                    | -6.8     | 0.0                       | 7.8          | 23.0                        | 281.2         | 12.8                    | 28.7     | -4.5                      | 3.1          |
| JUL.      | 20.2               | 243.1         | 20.4                    | -7.0     | 15.2                      | 11.0         | 22.6                        | 275.7         | 13.8                    | 24.3     | -1.9                      | 4.3          |
| AGO.      | 21.4               | 224.4         | 20.3                    | -4.7     | 15.6                      | 13.7         | 22.5                        | 269.1         | 14.6                    | 21.0     | 0.1                       | 5.5          |
| SET.      | 21.8               | 217.5         | 30.7                    | -1.6     | 8.2                       | 5.1          | 22.4                        | 263.0         | 16.3                    | 18.8     | 0.9                       | 5.5          |
| OCT.      | 26.0               | 221.9         | 35.8                    | 2.0      | 12.5                      | 8.7          | 22.7                        | 258.7         | 18.0                    | 17.2     | 2.1                       | 5.8          |
| NOV.      | 28.1               | 244.1         | 31.2                    | -0.9     | 12.5                      | 20.1         | 23.3                        | 257.4         | 19.3                    | 15.6     | 3.0                       | 7.2          |
| DIC.      | 23.4               | 350.8         | 32.1                    | -34.2    | 6.0                       | 21.8         | 23.3                        | 265.1         | 20.5                    | 8.5      | 3.2                       | 8.4          |
| 2006 ENE. | 11.4               | 24.0          | 32.0                    | -36.1    | -2.0                      | 24.8         | 11.4                        | 24.0          | 32.0                    | -36.1    | -2.0                      | 24.8         |
| FEB.      | 10.2               | 18.5          | 30.3                    | -35.0    | 4.1                       | 23.2         | 10.8                        | 21.2          | 31.1                    | -35.6    | 1.0                       | 24.0         |
| MAR.      | 7.9                | 9.3           | 25.0                    | -38.0    | 6.1                       | 29.9         | 9.8                         | 17.3          | 29.0                    | -36.4    | 2.7                       | 26.1         |
| ABR.      | 31.2               | 125.8         | 29.7                    | -4.8     | 10.4                      | 24.1         | 14.2                        | 34.0          | 29.2                    | -32.6    | 4.6                       | 25.5         |
| MAY.      | 13.6               | -20.2         | 30.4                    | -2.7     | 17.8                      | 28.5         | 14.1                        | 23.2          | 29.4                    | -29.5    | 7.1                       | 26.2         |
| JUN.      | 15.2               | -16.4         | 28.8                    | -6.2     | 3.8                       | 38.9         | 14.3                        | 16.9          | 29.3                    | -27.2    | 6.5                       | 28.6         |
| JUL.      | 16.3               | -0.5          | 29.2                    | -10.3    | -1.9                      | 37.6         | 14.6                        | 14.6          | 29.3                    | -25.6    | 5.2                       | 30.1         |
| AGO.      | 17.0               | 1.9           | 30.2                    | -13.2    | 0.0                       | 38.7         | 14.9                        | 13.1          | 29.4                    | -24.5    | 4.5                       | 31.3         |
| SET.      | 13.5               | 0.8           | 21.6                    | -12.8    | 0.0                       | 36.1         | 14.7                        | 11.9          | 28.5                    | -23.6    | 4.0                       | 31.8         |
| OCT.      | 12.9               | 4.3           | 25.4                    | -19.0    | -5.6                      | 32.5         | 14.5                        | 11.2          | 28.2                    | -23.2    | 3.0                       | 31.9         |
| NOV.      | 10.4               | 0.1           | 20.4                    | -18.2    | 0.0                       | 30.9         | 14.1                        | 10.2          | 27.4                    | -22.8    | 2.7                       | 31.8         |
| DIC.      | 14.1               | -23.4         | 32.8                    | -4.7     | -5.7                      | 29.9         | 14.1                        | 6.8           | 27.9                    | -21.2    | 2.0                       | 31.6         |
| 2007 ENE. | 13.8               | -5.2          | 25.2                    | -5.6     | 2.0                       | 24.0         | 13.8                        | -5.2          | 25.2                    | -5.6     | 2.0                       | 24.0         |
| FEB.      | 9.4                | 10.4          | 24.6                    | -7.3     | -2.0                      | -1.4         | 11.6                        | 2.4           | 24.9                    | -6.4     | 0.0                       | 11.6         |
| MAR.      | 6.0                | 16.1          | 22.8                    | -33.0    | -3.8                      | 19.3         | 9.7                         | 6.7           | 24.2                    | -15.5    | -1.3                      | 14.4         |
| ABR.      | 13.8               | 8.4           | 20.4                    | 6.8      | -5.7                      | 23.2         | 10.7                        | 7.1           | 23.3                    | -11.7    | -2.4                      | 16.7         |
| MAY.      | 18.5               | 80.1          | 18.2                    | -2.8     | -3.8                      | 14.3         | 12.1                        | 16.5          | 22.3                    | -10.4    | -2.7                      | 16.2         |
| JUN.      | 19.7               | 88.7          | 17.1                    | -0.1     | -1.9                      | 19.0         | 13.3                        | 24.8          | 21.4                    | -9.1     | -2.6                      | 16.8         |
| JUL.      | 16.4               | 87.5          | 12.2                    | 1.0      | 7.7                       | 15.4         | 13.8                        | 32.0          | 20.1                    | -7.9     | -1.1                      | 16.5         |
| AGO.      | 15.1               | 87.0          | 11.6                    | 3.6      | 7.7                       | 9.9          | 13.9                        | 37.6          | 19.1                    | -6.8     | 0.0                       | 15.6         |
| SET.      | 13.8               | 90.6          | 10.2                    | 1.8      | 7.5                       | 7.8          | 13.9                        | 42.5          | 18.1                    | -6.0     | 0.9                       | 14.6         |
| OCT.      | 12.9               | 83.7          | 8.2                     | 2.2      | 11.8                      | 9.0          | 13.8                        | 46.2          | 17.0                    | -5.3     | 1.9                       | 14.0         |
| NOV.      | 14.1               | 90.7          | 7.6                     | 2.1      | 5.6                       | 11.5         | 13.8                        | 49.7          | 16.1                    | -4.7     | 2.3                       | 13.8         |
| DIC.      | 7.0                | 84.9          | 7.0                     | -29.2    | 14.0                      | 9.5          | 13.2                        | 52.3          | 15.2                    | -7.3     | 3.2                       | 13.3         |
| 2008 ENE. | 5.8                | 35.9          | 15.0                    | -29.8    | 14.0                      | 8.5          | 5.8                         | 35.9          | 15.0                    | -29.8    | 14.0                      | 8.5          |
| FEB.      | 0.1                | 20.5          | 16.0                    | -29.6    | 12.0                      | -13.1        | 3.0                         | 27.8          | 15.5                    | -29.7    | 13.0                      | -0.8         |
| MAR.      | -8.6               | 13.5          | -7.1                    | 5.7      | 14.0                      | -25.8        | -0.8                        | 23.0          | 8.0                     | -20.2    | 13.3                      | -10.2        |
| ABR.      | -8.2               | 5.9           | -8.2                    | 2.2      | 16.0                      | -16.1        | -2.6                        | 18.5          | 4.2                     | -15.6    | 14.0                      | -11.8        |
| MAY.      | -10.5              | 12.3          | -19.8                   | 15.9     | 13.7                      | -10.0        | -4.1                        | 17.2          | -0.3                    | -10.6    | 13.9                      | -11.4        |
| JUN.      | -15.0              | -0.3          | -21.2                   | 14.5     | 9.4                       | -19.5        | -5.9                        | 14.2          | -3.6                    | -7.2     | 13.2                      | -13.1        |
| JUL.      | -14.1              | 1.0           | -21.8                   | 13.9     | 7.1                       | -15.9        | -7.1                        | 12.1          | -6.0                    | -4.5     | 12.2                      | -13.6        |
| AGO.      | -15.5              | 0.3           | -24.9                   | 10.9     | 8.5                       | -14.2        | -8.1                        | 10.4          | -8.2                    | -2.8     | 11.7                      | -13.7        |
| SET.      | -19.7              | -20.8         | -26.9                   | 8.7      | 12.0                      | -18.1        | -9.4                        | 6.6           | -10.2                   | -1.6     | 11.8                      | -14.2        |
| OCT.      | -21.1              | -41.1         | -27.6                   | 7.0      | 14.7                      | -13.7        | -10.6                       | 1.3           | -11.8                   | -0.9     | 12.1                      | -14.1        |
| NOV.      | -24.2              | -44.3         | -28.7                   | 4.9      | 12.0                      | -20.5        | -11.8                       | -3.3          | -13.4                   | -0.4     | 12.1                      | -14.8        |
| DIC.      | -28.5              | -43.1         | -37.4                   | 4.5      | 14.7                      | -19.1        | -13.4                       | -6.8          | -15.7                   | 0.0      | 12.3                      | -15.2        |
| 2009 ENE. | -32.9              | -37.2         | -45.6                   | 7.3      | 18.8                      | -19.9        | -32.9                       | -37.2         | -45.6                   | 7.3      | 18.8                      | -19.9        |
| FEB.      | -28.0              | -30.4         | -46.8                   | 7.6      | 19.5                      | 12.3         | -30.6                       | -33.9         | -46.2                   | 7.5      | 19.1                      | -7.8         |
| MAR.      | -24.0              | -27.6         | -44.2                   | 4.3      | 20.1                      | 5.1          | -28.6                       | -31.9         | -45.6                   | 6.3      | 19.5                      | -3.8         |
| ABR.      | -23.2              | -25.4         | -44.7                   | 11.3     | 15.4                      | -1.6         | -27.4                       | -30.4         | -45.4                   | 7.6      | 18.4                      | -3.2         |
| MAY.      | -18.8              | -35.2         | -38.7                   | 4.0      | 18.0                      | 4.3          | -25.8                       | -31.3         | -44.4                   | 6.9      | 18.3                      | -1.5         |
| JUN.      | -16.8              | -38.0         | -32.9                   | 3.4      | 16.7                      | 0.1          | -24.4                       | -32.3         | -42.9                   | 6.3      | 18.1                      | -1.2         |
| JUL.      | -19.8              | -43.0         | -35.0                   | -1.7     | 10.3                      | -2.5         | -23.8                       | -33.9         | -42.1                   | 5.1      | 16.9                      | -1.4         |
| AGO.      | -18.5              | -43.0         | -32.6                   | -0.6     | 11.4                      | -2.0         | -23.2                       | -35.0         | -41.2                   | 4.4      | 16.2                      | -1.5         |
| SET.      | -15.2              | -29.0         | -30.3                   | 1.0      | 2.4                       | -0.1         | -22.4                       | -34.5         | -40.2                   | 4.0      | 14.5                      | -1.3         |
| OCT.      | -7.1               | -7.1          | -10.6                   | 1.6      | -1.2                      | -9.2         | -21.1                       | -32.7         | -37.9                   | 3.7      | 12.8                      | -2.2         |
| NOV.      | -2.1               | -2.7          | -12.6                   | 2.1      | 1.2                       | 8.3          | -19.6                       | -31.0         | -36.0                   | 3.6      | 11.7                      | -1.2         |

**CIUDAD DE SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                              |              |
|-----------|--------------------|---------------|-------------------------|----------|------------------------------|--------------|-----------------------------|---------------|-------------------------|----------|------------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. 4/ | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. 4/ | Servicios 4/ |
| 2010      | DIC.               | 6.8           | 20.7                    | 6.6      | 4.1                          | -2.4         | 6.2                         | -17.5         | -28.2                   | -32.9    | 3.6                          | -0.5         |
|           | ENE.               | 14.4          | 5.8                     | 24.0     | 3.6                          | -5.0         | 2.7                         | 14.4          | 5.8                     | 24.0     | 3.6                          | 2.7          |
|           | FEB.               | 12.4          | -24.5                   | 26.2     | 8.7                          | -3.3         | 14.5                        | 13.4          | -10.0                   | 25.1     | 6.2                          | 8.1          |
|           | MAR.               | 16.2          | -17.0                   | 41.3     | 3.3                          | -4.8         | 14.6                        | 14.3          | -12.3                   | 29.8     | 5.2                          | 10.3         |
|           | ABR.               | 10.9          | -20.5                   | 31.9     | 1.9                          | -1.3         | 15.7                        | 13.5          | -14.4                   | 30.3     | 4.4                          | 11.8         |
|           | MAY.               | 9.0           | -10.9                   | 38.1     | 6.1                          | -2.9         | -1.3                        | 12.6          | -13.8                   | 31.6     | 4.7                          | 8.7          |
|           | JUN.               | 7.8           | -0.2                    | 24.3     | 3.3                          | -3.7         | 10.4                        | 11.8          | -11.9                   | 30.5     | 4.5                          | 9.0          |
|           | JUL.               | 13.9          | 5.9                     | 32.4     | 7.2                          | -0.8         | 13.1                        | 12.1          | -9.6                    | 30.7     | 4.8                          | 9.7          |
|           | AGO.               | 18.2          | 21.2                    | 34.5     | 9.0                          | -4.4         | 9.8                         | 12.8          | -6.2                    | 31.1     | 5.3                          | 9.7          |
|           | SET.               | 27.0          | 50.6                    | 33.4     | 8.9                          | -5.7         | 11.6                        | 14.3          | -0.6                    | 31.4     | 5.7                          | 9.9          |
|           | OCT.               | 12.7          | 46.4                    | -2.6     | 9.7                          | -8.1         | 15.0                        | 14.1          | 3.6                     | 27.5     | 6.1                          | 10.4         |
|           | NOV.               | 6.8           | 47.0                    | -6.2     | 11.2                         | -8.7         | 3.4                         | 13.4          | 7.2                     | 24.1     | 6.6                          | 9.7          |
| 2011      | DIC.               | -0.5          | 22.3                    | -22.2    | 16.9                         | -8.2         | 6.0                         | 12.0          | 8.6                     | 18.7     | 7.4                          | 9.3          |
|           | ENE.               | 6.9           | -6.0                    | 13.7     | 15.4                         | -6.7         | 7.1                         | 6.9           | -6.0                    | 13.7     | 15.4                         | 7.1          |
|           | FEB.               | 20.6          | 33.0                    | 26.5     | 13.6                         | -2.7         | 2.2                         | 13.5          | 11.1                    | 20.1     | 14.5                         | 4.7          |
|           | MAR.               | 26.7          | 46.8                    | 34.0     | 12.9                         | -2.8         | 2.9                         | 17.8          | 22.3                    | 24.5     | 14.0                         | 4.1          |
|           | ABR.               | 15.7          | 51.4                    | 5.1      | 10.6                         | -11.0        | 2.9                         | 17.3          | 29.1                    | 20.3     | 13.1                         | 3.7          |
|           | MAY.               | 15.1          | 46.1                    | -1.2     | 12.4                         | -11.0        | 15.6                        | 16.9          | 32.3                    | 16.6     | 13.0                         | 6.3          |
|           | JUN.               | 13.9          | 47.0                    | -2.9     | 15.7                         | -6.8         | 8.4                         | 16.4          | 34.6                    | 13.8     | 13.4                         | 6.7          |
|           | JUL.               | 10.9          | 26.7                    | 1.9      | 16.2                         | -7.5         | 6.5                         | 15.6          | 33.4                    | 12.3     | 13.8                         | 6.7          |
|           | AGO.               | 16.8          | 45.3                    | -1.8     | 17.9                         | -4.6         | 11.5                        | 15.8          | 35.1                    | 10.7     | 14.3                         | 7.3          |
|           | SET.               | 14.1          | 28.1                    | 0.6      | 13.4                         | 3.7          | 13.7                        | 15.6          | 34.0                    | 9.7      | 14.2                         | 8.0          |
|           | OCT.               | 20.3          | 33.0                    | 17.6     | 8.6                          | 8.2          | 13.3                        | 16.1          | 33.9                    | 10.4     | 13.7                         | 8.6          |
|           | NOV.               | 18.9          | 23.0                    | 24.9     | 3.8                          | 6.6          | 15.2                        | 16.3          | 32.7                    | 11.5     | 12.7                         | 9.2          |
| 2012      | DIC.               | 14.0          | 18.1                    | 19.3     | -5.0                         | 9.0          | 13.3                        | 16.1          | 31.2                    | 12.1     | 11.1                         | 9.6          |
|           | ENE.               | 0.2           | 26.9                    | -17.8    | -6.0                         | 9.6          | 16.0                        | 0.2           | 26.9                    | -17.8    | -6.0                         | 16.0         |
|           | FEB.               | -8.1          | 4.1                     | -21.1    | -10.2                        | 3.7          | 14.6                        | -4.1          | 14.9                    | -19.5    | -8.1                         | 15.3         |
|           | MAR.               | -7.8          | -5.9                    | -16.5    | -10.9                        | 8.1          | 15.0                        | -5.4          | 7.1                     | -18.5    | -9.1                         | 15.2         |
|           | ABR.               | 6.6           | -13.8                   | 23.9     | -7.6                         | 13.5         | 19.3                        | -2.6          | 1.3                     | -10.6    | -8.7                         | 16.4         |
|           | MAY.               | 4.4           | -10.8                   | 17.5     | -12.0                        | 16.4         | 16.0                        | -1.3          | -1.2                    | -6.4     | -9.4                         | 16.3         |
|           | JUN.               | 5.1           | -11.1                   | 24.6     | -13.7                        | 9.9          | 12.5                        | -0.3          | -2.9                    | -2.6     | -10.1                        | 15.5         |
|           | JUL.               | 6.0           | 0.6                     | 13.9     | -12.1                        | 8.9          | 12.6                        | 0.6           | -2.4                    | -0.8     | -10.4                        | 15.0         |
|           | AGO.               | 13.2          | 16.4                    | 22.1     | -20.6                        | 11.2         | 18.9                        | 2.2           | 0.5                     | 1.5      | -11.7                        | 15.6         |
|           | SET.               | 8.2           | 3.9                     | 21.0     | -16.1                        | 3.9          | 13.9                        | 2.9           | 1.0                     | 3.3      | -12.2                        | 15.4         |
|           | OCT.               | 15.9          | 17.4                    | 12.4     | 3.0                          | 4.4          | 25.3                        | 4.3           | 3.1                     | 4.2      | -10.7                        | 16.4         |
|           | NOV.               | 20.5          | 27.9                    | 21.2     | 6.8                          | 6.2          | 16.6                        | 5.8           | 5.6                     | 5.6      | -9.2                         | 16.5         |
| 2013      | DIC.               | 21.7          | 27.8                    | 26.2     | 8.1                          | 5.0          | 15.0                        | 7.2           | 7.7                     | 7.3      | -7.9                         | 16.3         |
|           | ENE.               | 20.0          | 41.9                    | 7.6      | 9.6                          | 4.1          | 17.4                        | 20.0          | 41.9                    | 7.6      | 9.6                          | 17.4         |
|           | FEB.               | 15.1          | 17.6                    | 14.4     | 12.8                         | 8.1          | 13.1                        | 17.6          | 30.3                    | 11.1     | 11.2                         | 15.3         |
|           | MAR.               | 11.1          | 9.2                     | 7.9      | 13.8                         | 5.9          | 16.7                        | 15.4          | 23.4                    | 10.0     | 12.1                         | 15.8         |
|           | ABR.               | 1.3           | -8.3                    | -1.6     | 10.3                         | 10.7         | 7.9                         | 11.8          | 16.0                    | 7.0      | 11.6                         | 13.5         |
|           | MAY.               | 5.5           | -11.9                   | 10.8     | 12.9                         | 8.2          | 8.6                         | 10.6          | 10.8                    | 7.7      | 11.9                         | 12.4         |
|           | JUN.               | 9.7           | -7.0                    | 16.1     | 15.2                         | 9.7          | 12.4                        | 10.4          | 8.0                     | 9.0      | 12.4                         | 12.4         |
|           | JUL.               | 11.8          | 0.3                     | 20.2     | 12.8                         | 12.7         | 11.0                        | 10.6          | 6.9                     | 10.5     | 12.5                         | 12.1         |
|           | AGO.               | 3.1           | -15.4                   | 16.5     | 19.8                         | 4.2          | 5.2                         | 9.6           | 2.9                     | 11.2     | 13.3                         | 11.1         |
|           | SET.               | 7.4           | -1.3                    | 12.4     | 17.4                         | 3.9          | 9.1                         | 9.3           | 2.3                     | 11.3     | 13.8                         | 10.9         |
|           | OCT.               | -2.2          | -15.9                   | 8.4      | -1.1                         | 6.8          | 4.8                         | 8.0           | -0.3                    | 11.0     | 12.1                         | 10.2         |
|           | NOV.               | 2.9           | 1.2                     | 2.7      | 7.9                          | 6.8          | 2.4                         | 7.4           | -0.1                    | 10.2     | 11.7                         | 9.4          |
| 2014      | DIC.               | 7.0           | 12.2                    | 2.7      | 9.1                          | 13.5         | 3.3                         | 7.4           | 1.2                     | 9.5      | 11.5                         | 8.8          |
|           | ENE.               | 11.4          | 13.7                    | 14.9     | 11.3                         | 9.0          | 2.5                         | 11.4          | 13.7                    | 14.9     | 11.3                         | 2.5          |
|           | FEB.               | 4.7           | 0.6                     | 4.6      | 9.3                          | 7.8          | 6.8                         | 8.2           | 8.1                     | 9.4      | 10.3                         | 4.5          |
|           | MAR.               | 1.8           | 1.7                     | -3.7     | 15.6                         | 4.9          | 0.7                         | 6.1           | 6.2                     | 4.9      | 12.1                         | 3.2          |
|           | ABR.               | 14.3          | 25.6                    | 12.0     | 18.1                         | 2.6          | 5.8                         | 8.0           | 9.8                     | 6.6      | 13.6                         | 3.9          |
|           | MAY.               | 9.0           | -1.8                    | 12.8     | 19.1                         | -3.0         | 6.4                         | 8.2           | 8.1                     | 7.8      | 14.7                         | 4.5          |
|           | JUN.               | 5.6           | -9.3                    | 16.0     | 14.3                         | -3.1         | -1.0                        | 7.8           | 5.7                     | 9.2      | 14.6                         | 3.4          |
|           | JUL.               | 5.1           | -13.7                   | 15.9     | 17.3                         | -3.5         | 1.6                         | 7.4           | 3.1                     | 10.1     | 15.0                         | 3.1          |
|           | AGO.               | 5.2           | 5.7                     | 2.0      | 16.2                         | -0.9         | 3.9                         | 7.1           | 3.5                     | 9.1      | 15.1                         | 3.2          |
|           | SET.               | 7.4           | -0.9                    | 9.4      | 17.0                         | 3.3          | 12.2                        | 7.1           | 2.9                     | 9.1      | 15.3                         | 4.2          |
|           | OCT.               | 6.5           | 1.4                     | 9.6      | 16.5                         | -0.5         | 5.1                         | 7.1           | 2.7                     | 9.2      | 15.5                         | 4.3          |
|           | NOV.               | 15.1          | 5.8                     | 41.5     | 5.8                          | -1.4         | 5.9                         | 7.9           | 3.1                     | 12.2     | 14.5                         | 4.5          |
|           | DIC.               | 12.0          | 3.6                     | 32.6     | 6.1                          | -5.5         | 7.5                         | 8.3           | 3.1                     | 14.0     | 13.8                         | 4.7          |
| 2015      | ENE.               | 11.0          | -1.0                    | 30.6     | 3.3                          | -0.9         | 13.3                        | 11.0          | -1.0                    | 30.6     | 3.3                          | 13.3         |
|           | FEB.               | 9.0           | 15.0                    | 11.8     | 3.5                          | 1.3          | 4.0                         | 10.1          | 5.4                     | 21.1     | 3.4                          | 8.9          |
|           | MAR.               | 12.8          | 11.7                    | 32.7     | -2.3                         | -2.1         | -0.3                        | 10.9          | 7.2                     | 24.7     | 1.4                          | 5.7          |
|           | ABR.               | 14.4          | 16.4                    | 26.3     | -0.8                         | 3.0          | 10.0                        | 11.8          | 9.1                     | 25.1     | 0.8                          | 6.9          |
|           | MAY.               | 12.4          | 49.0                    | 7.4      | -1.5                         | 7.2          | 5.8                         | 11.9          | 14.5                    | 21.6     | 0.4                          | 6.7          |
|           | JUN.               | 7.4           | 35.3                    | -0.8     | -0.7                         | 11.0         | 7.1                         | 11.2          | 16.9                    | 17.6     | 0.2                          | 6.8          |
|           | JUL.               | 8.0           | 45.9                    | -3.7     | -3.0                         | 13.5         | 5.2                         | 10.7          | 20.2                    | 14.4     | -0.3                         | 6.5          |
|           | AGO.               | 6.7           | 12.0                    | 7.0      | -2.0                         | 19.6         | 5.2                         | 10.2          | 19.0                    | 13.5     | -0.5                         | 6.3          |
|           | SET.               | 1.0           | 10.9                    | -3.9     | -0.7                         | 24.5         | -7.5                        | 9.1           | 17.9                    | 11.6     | -0.5                         | 4.6          |
|           | OCT.               | 2.0           | 9.3                     | -2.4     | -0.5                         | 31.8         | -3.6                        | 8.3           | 16.8                    | 10.3     | -0.5                         | 3.7          |

**CIUDAD DE SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                              |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                              |              |       |
|-----------|--------------------|---------------|-------------------------|----------|------------------------------|--------------|-----------------------------|---------------|-------------------------|----------|------------------------------|--------------|-------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. 4/ | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. 4/ | Servicios 4/ |       |
| 2016      | NOV.               | -15.4         | -15.4                   | -30.8    | -1.9                         | 30.9         | -4.5                        | 5.7           | 12.6                    | 5.5      | -0.6                         | 12.4         | 2.9   |
|           | DIC.               | -13.8         | -18.3                   | -27.4    | -2.6                         | 33.3         | 2.4                         | 3.7           | 8.8                     | 2.1      | -0.8                         | 14.1         | 2.8   |
|           | ENE.               | -12.7         | -20.2                   | -12.8    | -1.4                         | 26.3         | -11.8                       | -12.7         | -20.2                   | -12.8    | -1.4                         | 26.3         | -11.8 |
|           | FEB.               | -7.7          | -25.7                   | 2.2      | -1.1                         | 11.8         | -3.7                        | -10.4         | -22.6                   | -5.8     | -1.3                         | 18.9         | -8.1  |
|           | MAR.               | -10.9         | -28.1                   | -8.9     | 0.3                          | 3.9          | 1.4                         | -10.5         | -24.2                   | -6.8     | -0.7                         | 13.9         | -5.1  |
|           | ABR.               | -12.9         | -28.7                   | -7.1     | -1.0                         | 6.6          | -12.7                       | -11.1         | -25.2                   | -6.9     | -0.8                         | 12.1         | -7.3  |
|           | MAY.               | -6.6          | -29.0                   | 7.5      | -0.9                         | 8.8          | -6.3                        | -10.3         | -25.9                   | -4.3     | -0.8                         | 11.4         | -7.0  |
|           | JUN.               | -7.7          | -18.4                   | -6.7     | 0.3                          | 16.5         | -6.6                        | -9.9          | -24.9                   | -4.7     | -0.6                         | 12.3         | -7.0  |
|           | JUL.               | -12.3         | -9.3                    | -27.9    | -0.5                         | 14.3         | -8.1                        | -10.2         | -22.7                   | -7.6     | -0.6                         | 12.6         | -7.1  |
|           | AGO.               | -5.3          | -0.1                    | -13.6    | 0.1                          | 9.5          | -7.3                        | -9.6          | -19.5                   | -8.3     | -0.5                         | 12.2         | -7.2  |
|           | SET.               | -3.7          | -7.0                    | -7.5     | -3.6                         | 7.3          | 5.7                         | -8.9          | -17.9                   | -8.2     | -0.9                         | 11.6         | -5.8  |
|           | OCT.               | 1.4           | 1.8                     | 3.9      | -3.0                         | 1.7          | 2.9                         | -7.9          | -15.7                   | -7.2     | -1.1                         | 10.4         | -4.9  |
| 2017      | NOV.               | 8.5           | 0.5                     | 30.6     | -0.9                         | 5.3          | 3.8                         | -6.5          | -14.1                   | -4.3     | -1.1                         | 9.9          | -4.1  |
|           | DIC.               | 3.0           | -4.0                    | 24.7     | -0.7                         | 6.8          | -8.0                        | -5.7          | -13.2                   | -2.1     | -1.0                         | 9.6          | -4.4  |
|           | ENE.               | 3.0           | 5.0                     | 5.9      | -1.5                         | 1.5          | 1.2                         | 3.0           | 5.0                     | 5.9      | -1.5                         | 1.5          | 1.2   |
|           | FEB.               | 11.3          | 46.3                    | 1.9      | -1.5                         | 9.9          | 2.6                         | 7.0           | 22.2                    | 3.9      | -1.5                         | 5.5          | 1.9   |
|           | MAR.               | 6.2           | 21.6                    | 6.7      | -2.7                         | 22.3         | -2.5                        | 6.7           | 22.1                    | 4.8      | -1.9                         | 10.6         | 0.4   |
|           | ABR.               | -3.6          | 22.1                    | -16.9    | -3.9                         | 13.8         | -7.1                        | 4.2           | 22.1                    | -0.6     | -2.4                         | 11.4         | -1.6  |
|           | MAY.               | -1.8          | 30.5                    | -16.9    | -6.3                         | 23.8         | -3.7                        | 3.0           | 23.5                    | -3.9     | -3.2                         | 13.8         | -2.1  |
|           | JUN.               | 0.2           | 20.0                    | -5.7     | -4.8                         | 20.5         | -6.0                        | 2.5           | 23.0                    | -4.2     | -3.4                         | 15.0         | -2.8  |
|           | JUL.               | 4.3           | -8.4                    | 34.6     | -3.9                         | 13.1         | -4.3                        | 2.8           | 17.9                    | -0.3     | -3.5                         | 14.7         | -3.1  |
|           | AGO.               | -8.8          | -30.4                   | 8.2      | -3.3                         | 16.0         | -4.9                        | 1.2           | 9.4                     | 0.5      | -3.5                         | 14.9         | -3.3  |
|           | SET.               | -5.2          | -18.6                   | 7.6      | -0.6                         | 10.1         | -6.4                        | 0.5           | 5.3                     | 1.2      | -3.2                         | 14.3         | -3.7  |
|           | OCT.               | -8.2          | -18.3                   | -5.0     | -0.3                         | 9.1          | -6.4                        | -0.5          | 2.2                     | 0.6      | -2.9                         | 13.8         | -4.0  |
| 2018      | NOV.               | -12.0         | -16.0                   | -22.2    | 3.6                          | 9.5          | -6.8                        | -1.7          | 0.1                     | -1.8     | -2.3                         | 13.4         | -4.3  |
|           | DIC.               | -14.0         | -9.8                    | -36.7    | 3.5                          | 3.1          | -3.1                        | -2.8          | -0.9                    | -5.0     | -1.8                         | 12.4         | -4.2  |
|           | ENE.               | -18.4         | -33.8                   | -24.9    | 4.5                          | 12.0         | -8.6                        | -18.4         | -33.8                   | -24.9    | 4.5                          | 12.0         | -8.6  |
|           | FEB.               | -18.4         | -35.8                   | -20.9    | 2.9                          | 12.0         | -10.5                       | -18.4         | -34.8                   | -23.0    | 3.7                          | 12.0         | -9.5  |
|           | MAR.               | -8.2          | -17.1                   | -12.4    | 4.5                          | 12.0         | -4.8                        | -15.2         | -29.9                   | -19.4    | 4.0                          | 12.0         | -8.0  |
|           | ABR.               | -6.9          | -30.0                   | -12.7    | 6.9                          | 12.0         | 12.0                        | -13.3         | -29.9                   | -18.0    | 4.7                          | 12.0         | -2.9  |
|           | MAY.               | -6.9          | -27.3                   | -10.0    | 8.6                          | 1.3          | 3.7                         | -12.1         | -29.5                   | -16.6    | 5.4                          | 9.7          | -1.4  |
|           | JUN.               | -4.6          | -22.9                   | -5.5     | 5.9                          | -6.6         | 5.0                         | -10.9         | -28.5                   | -15.0    | 5.5                          | 6.7          | -0.2  |
|           | JUL.               | -4.4          | -8.5                    | -10.9    | 5.1                          | -9.6         | 2.9                         | -10.0         | -26.0                   | -14.5    | 5.5                          | 4.2          | 0.3   |
|           | AGO.               | -4.3          | 20.7                    | -15.7    | -1.6                         | -8.9         | -4.9                        | -9.3          | -20.8                   | -14.6    | 4.6                          | 2.5          | -0.4  |
|           | SET.               | -8.3          | 26.9                    | -28.0    | -3.1                         | -8.2         | -4.9                        | -9.2          | -15.4                   | -16.0    | 3.7                          | 1.2          | -1.0  |
|           | OCT.               | -6.2          | 34.3                    | -27.6    | -4.0                         | -15.8        | -0.4                        | -8.9          | -10.0                   | -17.0    | 3.0                          | -0.5         | -0.9  |
| 2019      | NOV.               | 4.9           | 35.2                    | 3.1      | -8.1                         | -15.0        | 0.9                         | -7.6          | -5.7                    | -15.3    | 1.9                          | -1.9         | -0.7  |
|           | DIC.               | 6.3           | 24.1                    | 22.3     | -6.5                         | -14.9        | 0.3                         | -6.5          | -2.9                    | -13.0    | 1.2                          | -3.0         | -0.6  |
|           | ENE.               | 11.3          | 66.8                    | 3.1      | -8.1                         | -15.9        | 2.8                         | 11.3          | 66.8                    | 3.1      | -8.1                         | -15.9        | 2.8   |
|           | FEB.               | 9.2           | -20.9                   | 25.7     | -6.0                         | -17.0        | 6.3                         | 10.2          | 23.6                    | 14.6     | -7.0                         | -16.4        | 4.4   |
|           | MAR.               | 1.4           | -23.7                   | 4.8      | -7.1                         | -18.5        | 8.9                         | 7.2           | 8.2                     | 11.1     | -7.0                         | -17.1        | 6.0   |
|           | ABR.               | 8.9           | -8.4                    | 30.5     | -5.8                         | -15.2        | -5.2                        | 7.6           | 4.6                     | 15.4     | -6.7                         | -16.7        | 2.7   |
|           | MAY.               | 0.4           | 1.5                     | 8.7      | -6.7                         | -13.7        | -8.9                        | 6.2           | 4.0                     | 14.2     | -6.7                         | -16.1        | -0.1  |
|           | JUN.               | -4.1          | 1.6                     | -5.7     | -2.8                         | -11.2        | -7.9                        | 4.4           | 3.7                     | 11.0     | -6.1                         | -15.3        | -1.6  |
|           | JUL.               | -2.2          | 11.2                    | -5.1     | -3.8                         | -4.0         | -7.0                        | 3.5           | 4.8                     | 8.8      | -5.8                         | -13.8        | -2.4  |
|           | AGO.               | 9.9           | 35.9                    | 7.0      | 2.9                          | -5.0         | -2.1                        | 4.3           | 10.1                    | 8.6      | -4.8                         | -12.7        | -2.4  |
|           | SET.               | 17.3          | 35.4                    | 28.5     | 3.6                          | -2.0         | -3.2                        | 5.7           | 14.4                    | 10.3     | -3.9                         | -11.6        | -2.5  |
|           | OCT.               | 28.5          | 28.3                    | 75.3     | 4.7                          | 4.3          | -8.5                        | 8.1           | 16.7                    | 15.4     | -3.1                         | -10.2        | -3.1  |
| NOV. P/   | 14.1               | 31.5          | 21.3                    | 2.9      | 2.1                          | -8.9         | 8.7                         | 18.7          | 16.0                    | -2.6     | -9.2                         | -3.7         |       |

Nota: La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| 2004 ENE. | -4.8               | -0.3              | -1.2                           | 2.5      | 7.7                             | -22.7            | -4.8                        | -0.3              | -1.2                           | 2.5      | 7.7                             | -22.7            |
| FEB.      | 9.0                | 0.0               | 42.7                           | 6.7      | 3.6                             | -10.5            | 1.9                         | -0.2              | 20.3                           | 4.6      | 5.6                             | -17.1            |
| MAR.      | 5.5                | -2.1              | 21.0                           | 6.0      | 11.1                            | -6.1             | 3.1                         | -0.8              | 20.6                           | 5.1      | 7.4                             | -13.4            |
| ABR.      | 2.0                | 0.0               | -3.7                           | 14.5     | 15.4                            | -10.1            | 2.8                         | -0.6              | 14.5                           | 7.4      | 9.3                             | -12.4            |
| MAY.      | 2.8                | -1.8              | -2.4                           | 5.4      | 7.1                             | 0.8              | 2.8                         | -0.8              | 11.2                           | 7.0      | 8.9                             | -9.2             |
| JUN.      | 0.7                | 4.6               | -3.6                           | -4.8     | 7.1                             | 3.4              | 2.4                         | 0.1               | 8.7                            | 5.0      | 8.6                             | -6.8             |
| JUL.      | -3.3               | -31.8             | -1.2                           | -0.7     | -5.2                            | 4.6              | 1.5                         | -6.3              | 7.3                            | 4.2      | 6.6                             | -5.0             |
| AGO.      | -1.8               | -29.5             | -1.3                           | -0.1     | -0.1                            | 8.6              | 1.1                         | -10.1             | 6.2                            | 3.6      | 5.8                             | -3.3             |
| SET.      | -3.6               | -28.0             | -3.7                           | -1.3     | 1.0                             | 1.7              | 0.5                         | -12.7             | 5.1                            | 3.1      | 5.2                             | -2.7             |
| OCT.      | -0.3               | -28.0             | -1.3                           | 10.0     | -1.1                            | 0.5              | 0.4                         | -14.6             | 4.5                            | 3.7      | 4.6                             | -2.3             |
| NOV.      | -0.9               | -23.6             | -6.1                           | 1.6      | -1.1                            | 5.2              | 0.3                         | -15.5             | 3.5                            | 3.5      | 4.0                             | -1.6             |
| DIC.      | 30.8               | -25.6             | -4.9                           | 93.0     | 3.0                             | 3.9              | 3.0                         | -16.4             | 2.8                            | 11.4     | 4.0                             | -1.1             |
| 2005 ENE. | 109.5              | 331.2             | 41.7                           | 110.1    | 3.0                             | 20.5             | 109.5                       | 331.2             | 41.7                           | 110.1    | 3.0                             | 20.5             |
| FEB.      | 81.7               | 338.9             | -11.1                          | 103.8    | -2.5                            | 5.5              | 95.0                        | 335.0             | 10.9                           | 106.9    | 0.2                             | 13.0             |
| MAR.      | 102.8              | 338.9             | 53.1                           | 116.7    | -5.8                            | 4.7              | 97.7                        | 336.3             | 24.7                           | 110.2    | -1.9                            | 10.0             |
| ABR.      | 7.7                | 109.7             | 1.3                            | -21.6    | -7.7                            | 2.1              | 73.9                        | 279.9             | 19.8                           | 74.7     | -3.4                            | 7.5              |
| MAY.      | 27.3               | 283.5             | 1.3                            | -17.9    | -13.5                           | 0.9              | 63.9                        | 280.6             | 16.6                           | 56.3     | -5.4                            | 5.8              |
| JUN.      | 38.8               | 246.1             | 4.9                            | -6.8     | 0.0                             | 17.1             | 59.6                        | 274.6             | 14.8                           | 46.5     | -4.5                            | 8.2              |
| JUL.      | 41.3               | 243.3             | 3.7                            | -7.0     | 15.2                            | 21.9             | 56.8                        | 270.1             | 13.4                           | 39.0     | -1.9                            | 10.6             |
| AGO.      | 44.9               | 239.0             | 2.5                            | -4.7     | 15.6                            | 26.7             | 55.3                        | 266.1             | 12.2                           | 33.7     | 0.1                             | 12.8             |
| SET.      | 38.2               | 235.2             | 10.3                           | -1.6     | 8.2                             | 7.7              | 53.4                        | 262.5             | 12.0                           | 29.9     | 0.9                             | 12.2             |
| OCT.      | 41.9               | 251.6             | 4.9                            | 2.0      | 12.5                            | 9.5              | 52.2                        | 261.3             | 11.3                           | 27.0     | 2.1                             | 11.9             |
| NOV.      | 50.3               | 278.8             | 7.7                            | -0.9     | 12.5                            | 27.2             | 52.0                        | 262.9             | 11.0                           | 24.4     | 3.0                             | 13.5             |
| DIC.      | 45.4               | 517.2             | 123.2                          | -33.1    | 6.0                             | 26.5             | 51.2                        | 284.0             | 19.7                           | 15.6     | 3.2                             | 14.7             |
| 2006 ENE. | 7.4                | 96.6              | 46.3                           | -35.6    | -2.0                            | 34.7             | 7.4                         | 96.6              | 46.3                           | -35.6    | -2.0                            | 34.7             |
| FEB.      | 4.4                | 87.6              | 65.1                           | -35.3    | 4.1                             | 16.4             | 6.0                         | 92.1              | 55.1                           | -35.4    | 1.0                             | 26.1             |
| MAR.      | 0.6                | 62.2              | 12.9                           | -37.2    | 6.1                             | 47.0             | 4.1                         | 82.1              | 38.1                           | -36.0    | 2.7                             | 33.4             |
| ABR.      | 43.1               | 330.9             | 19.4                           | -8.9     | 10.4                            | 28.3             | 10.5                        | 116.3             | 34.8                           | -32.8    | 4.6                             | 31.9             |
| MAY.      | -3.9               | -9.1              | 17.9                           | -8.0     | 17.8                            | 34.6             | 8.1                         | 91.1              | 32.2                           | -30.2    | 7.1                             | 32.6             |
| JUN.      | -9.2               | -3.7              | 9.7                            | -10.5    | 3.8                             | 17.6             | 5.5                         | 76.0              | 29.2                           | -28.2    | 6.5                             | 29.2             |
| JUL.      | -6.5               | 28.4              | 20.3                           | -14.6    | -1.9                            | 14.8             | 3.9                         | 69.6              | 28.1                           | -27.0    | 5.2                             | 26.4             |
| AGO.      | -8.5               | 25.8              | 31.6                           | -18.5    | 0.0                             | 10.7             | 2.4                         | 64.4              | 28.5                           | -26.2    | 4.5                             | 23.9             |
| SET.      | -1.0               | 24.6              | 47.2                           | -16.4    | 0.0                             | 32.1             | 2.0                         | 60.1              | 30.3                           | -25.4    | 4.0                             | 24.9             |
| OCT.      | -5.6               | 19.5              | 54.1                           | -22.0    | -5.6                            | 25.4             | 1.3                         | 55.9              | 32.4                           | -25.1    | 3.0                             | 25.0             |
| NOV.      | -12.2              | 11.2              | 43.4                           | -20.7    | 0.0                             | 6.2              | 0.0                         | 51.7              | 33.3                           | -24.8    | 2.7                             | 22.8             |
| DIC.      | -5.4               | -31.4             | 62.0                           | -0.9     | -5.7                            | 12.1             | -0.6                        | 40.6              | 37.4                           | -22.7    | 2.0                             | 21.7             |
| 2007 ENE. | 7.3                | -3.4              | 62.0                           | -0.4     | 2.0                             | 12.2             | 7.3                         | -3.4              | 62.0                           | -0.4     | 2.0                             | 12.2             |
| FEB.      | 22.2               | 25.9              | 60.4                           | -1.0     | -2.0                            | 50.0             | 14.4                        | 10.9              | 61.2                           | -0.7     | 0.0                             | 28.4             |
| MAR.      | -4.3               | 34.6              | 60.6                           | -32.4    | -3.8                            | 15.4             | 8.1                         | 17.9              | 61.0                           | -11.5    | -1.3                            | 23.4             |
| ABR.      | 11.4               | 20.3              | 26.0                           | 13.8     | -5.7                            | 21.9             | 8.8                         | 18.6              | 55.5                           | -7.4     | -2.4                            | 23.0             |
| MAY.      | 21.4               | 158.5             | -14.2                          | 1.5      | -3.8                            | 8.2              | 10.7                        | 32.0              | 46.1                           | -6.2     | -2.7                            | 19.1             |
| JUN.      | 28.7               | 189.0             | -14.5                          | 1.2      | -1.9                            | 22.9             | 13.0                        | 45.7              | 39.0                           | -5.3     | -2.6                            | 19.9             |
| JUL.      | 26.8               | 181.2             | -17.5                          | 1.9      | 7.7                             | 18.4             | 14.7                        | 59.4              | 32.7                           | -4.5     | -1.1                            | 19.7             |
| AGO.      | 31.0               | 179.0             | -11.6                          | 5.9      | 7.7                             | 19.7             | 16.4                        | 70.4              | 28.0                           | -3.5     | 0.0                             | 19.7             |
| SET.      | 15.3               | 185.5             | -23.0                          | 1.6      | 7.5                             | -12.2            | 16.3                        | 80.1              | 22.3                           | -3.0     | 0.9                             | 15.4             |
| OCT.      | 21.5               | 192.5             | -17.4                          | 2.0      | 11.8                            | -2.7             | 16.8                        | 88.9              | 18.3                           | -2.6     | 1.9                             | 13.4             |
| NOV.      | 36.7               | 218.3             | 0.1                            | 1.0      | 5.6                             | 22.0             | 18.4                        | 97.8              | 16.7                           | -2.3     | 2.3                             | 14.2             |
| DIC.      | 18.9               | 166.7             | -9.0                           | -35.6    | 14.0                            | 18.1             | 18.5                        | 102.3             | 12.4                           | -6.0     | 3.2                             | 14.6             |
| 2008 ENE. | -5.1               | 18.6              | -3.3                           | -37.0    | 14.0                            | 10.4             | -5.1                        | 18.6              | -3.3                           | -37.0    | 14.0                            | 10.4             |
| FEB.      | -21.9              | 20.2              | 1.9                            | -37.8    | 12.0                            | -33.9            | -13.7                       | 19.5              | -0.8                           | -37.4    | 13.0                            | -11.9            |
| MAR.      | -22.7              | 26.9              | -59.4                          | 0.8      | 14.0                            | -35.1            | -16.4                       | 22.0              | -20.0                          | -27.5    | 13.3                            | -20.2            |
| ABR.      | -20.9              | 13.2              | -38.4                          | -3.5     | 16.0                            | -25.0            | -17.4                       | 19.5              | -22.3                          | -22.6    | 14.0                            | -21.6            |
| MAY.      | -21.9              | 37.3              | -54.3                          | 13.5     | 13.7                            | -22.5            | -18.1                       | 22.9              | -24.8                          | -17.2    | 13.9                            | -21.8            |
| JUN.      | -22.7              | 9.3               | -52.9                          | 15.1     | 9.4                             | -20.0            | -18.8                       | 20.5              | -26.9                          | -13.0    | 13.2                            | -21.4            |
| JUL.      | -21.9              | 16.8              | -53.5                          | 16.3     | 7.1                             | -18.2            | -19.2                       | 19.9              | -28.7                          | -9.6     | 12.2                            | -20.8            |
| AGO.      | -25.3              | 16.4              | -59.2                          | 11.8     | 8.5                             | -20.3            | -19.9                       | 19.3              | -30.9                          | -7.3     | 11.7                            | -20.8            |
| SET.      | -21.0              | 12.3              | -60.5                          | 9.0      | 12.0                            | -1.6             | -20.0                       | 18.4              | -33.0                          | -5.8     | 11.8                            | -18.8            |
| OCT.      | -22.8              | 17.0              | -61.8                          | 6.6      | 14.7                            | -6.0             | -20.3                       | 18.2              | -35.1                          | -4.7     | 12.1                            | -17.6            |
| NOV.      | -27.4              | 5.4               | -57.4                          | 6.1      | 12.0                            | -24.1            | -21.0                       | 16.8              | -36.7                          | -3.8     | 12.1                            | -18.3            |
| DIC.      | -33.0              | 23.7              | -71.6                          | 4.9      | 14.7                            | -21.1            | -22.2                       | 17.4              | -41.5                          | -3.1     | 12.3                            | -18.5            |
| 2009 ENE. | -30.1              | 54.5              | -72.0                          | 8.6      | 18.8                            | -20.1            | -30.1                       | 54.5              | -72.0                          | 8.6      | 18.8                            | -20.1            |
| FEB.      | -15.8              | 43.9              | -64.0                          | -0.9     | 19.5                            | 21.8             | -23.5                       | 48.5              | -67.9                          | 3.9      | 19.1                            | -4.3             |
| MAR.      | -7.3               | 34.3              | -52.7                          | -3.9     | 20.1                            | 31.1             | -19.0                       | 43.5              | -65.4                          | 1.1      | 19.5                            | 6.0              |
| ABR.      | 0.6                | 37.5              | -36.3                          | 4.7      | 15.4                            | 18.8             | -14.9                       | 41.9              | -62.5                          | 2.0      | 18.4                            | 9.5              |
| MAY.      | 6.9                | 18.2              | 5.9                            | -5.7     | 18.0                            | 10.1             | -11.5                       | 37.0              | -59.2                          | 0.4      | 18.3                            | 9.6              |
| JUN.      | 1.3                | 10.6              | 4.0                            | -4.7     | 16.7                            | -3.4             | -9.7                        | 32.8              | -56.2                          | -0.5     | 18.1                            | 6.8              |
| JUL.      | -5.8               | -18.8             | -3.1                           | -12.1    | 10.3                            | -1.7             | -9.2                        | 23.8              | -53.8                          | -2.2     | 16.9                            | 5.3              |
| AGO.      | -3.5               | -19.3             | 0.6                            | -9.1     | 11.4                            | 1.0              | -8.6                        | 17.5              | -51.5                          | -3.1     | 16.2                            | 4.7              |
| SET.      | -1.2               | -20.4             | 4.0                            | -8.4     | 2.4                             | 7.4              | -7.9                        | 12.7              | -49.2                          | -3.7     | 14.5                            | 5.0              |
| OCT.      | 18.5               | -28.7             | 106.5                          | -6.6     | -1.2                            | 7.7              | -5.4                        | 7.7               | -42.7                          | -4.0     | 12.8                            | 5.3              |
| NOV.      | 14.6               | -23.5             | 70.6                           | -8.4     | 1.2                             | 10.4             | -3.7                        | 4.6               | -37.1                          | -4.4     | 11.7                            | 5.8              |
| DIC.      | 26.2               | 4.5               | 114.6                          | -4.8     | -2.4                            | 6.4              | -1.0                        | 4.6               | -26.9                          | -4.4     | 10.4                            | 5.9              |
| 2010 ENE. | 24.8               | -12.0             | 95.2                           | -5.2     | -7.7                            | 19.4             | 24.8                        | -12.0             | 95.2                           | -5.2     | -7.7                            | 19.4             |
| FEB.      | 26.1               | -29.0             | 69.8                           | 13.6     | -6.6                            | 29.4             | 25.4                        | -21.2             | 80.7                           | 3.7      | -7.2                            | 24.2             |
| MAR.      | 37.9               | -12.8             | 144.7                          | 5.1      | -9.7                            | 24.9             | 29.4                        | -18.4             | 95.3                           | 4.2      | -8.0                            | 24.4             |

**CIUDAD DE SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| ABR.      | 37.3               | -14.5             | 160.7                          | 2.6      | -5.6                            | 20.1             | 31.4                        | -17.4             | 106.4                          | 3.8      | -7.4                            | 23.2             |
| MAY.      | 45.8               | -1.1              | 197.8                          | 10.4     | -5.7                            | 16.5             | 34.1                        | -14.5             | 117.9                          | 5.1      | -7.1                            | 21.6             |
| JUN.      | 40.3               | 14.9              | 148.9                          | 3.3      | -5.7                            | 13.8             | 35.1                        | -10.6             | 121.3                          | 4.8      | -6.9                            | 20.1             |
| JUL.      | 41.6               | 11.8              | 160.2                          | 7.8      | -2.5                            | 10.2             | 35.9                        | -8.1              | 125.0                          | 5.2      | -6.2                            | 18.4             |
| AGO.      | 44.6               | 8.5               | 195.6                          | 9.2      | -4.7                            | 12.2             | 36.9                        | -6.4              | 131.3                          | 5.7      | -6.0                            | 17.6             |
| SET.      | 43.1               | 10.7              | 200.2                          | 10.6     | -7.5                            | 7.0              | 37.6                        | -4.9              | 137.2                          | 6.2      | -6.2                            | 16.2             |
| OCT.      | 14.6               | 16.5              | 10.9                           | 11.1     | -11.7                           | 6.7              | 34.9                        | -3.2              | 118.3                          | 6.7      | -6.7                            | 15.1             |
| NOV.      | 12.9               | 16.5              | 6.5                            | 13.2     | -12.8                           | 3.0              | 32.6                        | -1.7              | 103.2                          | 7.2      | -7.3                            | 13.9             |
| DIC.      | -3.7               | -14.2             | -41.2                          | 21.8     | -12.4                           | 2.2              | 28.5                        | -2.8              | 74.9                           | 8.4      | -7.7                            | 12.7             |
| 2011 ENE. | -6.8               | -16.5             | -36.2                          | 20.1     | -8.4                            | -8.0             | -6.8                        | -16.5             | -36.2                          | 20.1     | -8.4                            | -8.0             |
| FEB.      | -8.1               | -13.1             | -43.9                          | 18.1     | -7.5                            | -6.2             | -7.5                        | -14.8             | -40.3                          | 19.1     | -8.0                            | -7.1             |
| MAR.      | -2.2               | -14.3             | -21.9                          | 14.4     | -5.6                            | -5.8             | -5.7                        | -14.7             | -35.0                          | 17.4     | -7.2                            | -6.6             |
| ABR.      | -1.4               | -13.5             | -18.4                          | 10.7     | -17.0                           | -1.6             | -4.6                        | -14.3             | -31.5                          | 15.7     | -9.7                            | -5.2             |
| MAY.      | 0.9                | -13.8             | -13.7                          | 10.3     | -19.6                           | 3.0              | -3.5                        | -14.2             | -28.4                          | 14.6     | -11.7                           | -3.3             |
| JUN.      | 7.0                | -3.9              | 11.0                           | 13.5     | -15.4                           | 2.2              | -1.7                        | -12.5             | -23.6                          | 14.4     | -12.3                           | -2.3             |
| JUL.      | 8.0                | 0.4               | 12.4                           | 15.1     | -17.1                           | 2.0              | -0.4                        | -10.7             | -19.6                          | 14.5     | -13.0                           | -1.6             |
| AGO.      | 7.0                | 6.1               | -3.6                           | 14.9     | -14.1                           | 3.6              | 0.5                         | -8.7              | -17.8                          | 14.6     | -13.1                           | -1.0             |
| SET.      | 6.7                | 4.8               | -8.6                           | 13.8     | -7.5                            | 5.2              | 1.2                         | -7.3              | -16.8                          | 14.5     | -12.5                           | -0.3             |
| OCT.      | 5.7                | -0.2              | 16.7                           | 6.2      | -3.7                            | 2.2              | 1.7                         | -6.6              | -14.2                          | 13.7     | -11.7                           | 0.0              |
| NOV.      | 5.3                | -0.2              | 16.1                           | 5.8      | -5.9                            | 2.3              | 2.0                         | -6.1              | -12.1                          | 12.9     | -11.3                           | 0.2              |
| DIC.      | 3.6                | 0.0               | 23.4                           | -1.9     | -1.8                            | 2.7              | 2.1                         | -5.6              | -9.7                           | 11.5     | -10.5                           | 0.4              |
| 2012 ENE. | 8.4                | 16.5              | 23.0                           | -1.7     | -4.9                            | 10.9             | 8.4                         | 16.5              | 23.0                           | -1.7     | -4.9                            | 10.9             |
| FEB.      | 7.9                | 18.1              | 36.5                           | -8.6     | -6.6                            | 14.3             | 8.2                         | 17.3              | 29.8                           | -5.3     | -5.7                            | 12.6             |
| MAR.      | 3.6                | 6.0               | 16.5                           | -1.1     | -6.6                            | 4.3              | 6.6                         | 13.3              | 25.2                           | -3.9     | -6.0                            | 9.6              |
| ABR.      | 11.7               | 2.4               | 57.1                           | 4.8      | 1.1                             | 9.5              | 7.9                         | 10.4              | 33.4                           | -1.7     | -4.4                            | 9.6              |
| MAY.      | 9.3                | 3.5               | 87.9                           | 0.1      | 9.6                             | 0.3              | 8.2                         | 8.9               | 44.6                           | -1.4     | -1.8                            | 7.4              |
| JUN.      | 7.2                | -4.4              | 71.2                           | -0.9     | 3.5                             | 2.6              | 8.0                         | 6.5               | 49.4                           | -1.3     | -0.9                            | 6.4              |
| JUL.      | 5.5                | -9.1              | 64.7                           | 0.9      | 0.6                             | -0.1             | 7.7                         | 4.0               | 51.8                           | -1.0     | -0.7                            | 5.4              |
| AGO.      | 1.6                | -9.7              | 71.6                           | -12.4    | -1.4                            | 1.9              | 6.9                         | 2.2               | 54.4                           | -2.4     | -0.8                            | 4.9              |
| SET.      | 1.6                | -8.5              | 71.3                           | -8.8     | -3.7                            | -1.8             | 6.2                         | 0.9               | 56.4                           | -3.1     | -1.1                            | 4.1              |
| OCT.      | 5.6                | -3.1              | 71.2                           | -0.7     | -0.5                            | -1.3             | 6.2                         | 0.5               | 57.9                           | -2.9     | -1.1                            | 3.5              |
| NOV.      | 6.4                | -3.1              | 78.2                           | -1.3     | 0.7                             | -0.1             | 6.2                         | 0.2               | 59.8                           | -2.7     | -0.9                            | 3.2              |
| DIC.      | 4.2                | -1.9              | 68.9                           | -4.5     | -3.6                            | -0.9             | 6.0                         | 0.0               | 60.6                           | -2.9     | -1.1                            | 2.8              |
| 2013 ENE. | 3.8                | -0.8              | 43.5                           | -1.3     | -2.7                            | 0.3              | 3.8                         | -0.8              | 43.5                           | -1.3     | -2.7                            | 0.3              |
| FEB.      | 0.4                | -2.3              | 26.4                           | 3.0      | -0.3                            | -8.8             | 2.1                         | -1.5              | 34.4                           | 0.8      | -1.5                            | -4.4             |
| MAR.      | 4.0                | -2.3              | 37.9                           | 0.3      | -1.9                            | 0.7              | 2.8                         | -1.8              | 35.5                           | 0.7      | -1.7                            | -2.6             |
| ABR.      | -6.0               | 0.4               | -3.6                           | -5.3     | 3.9                             | -11.4            | 0.4                         | -1.2              | 23.7                           | -0.9     | -0.3                            | -5.2             |
| MAY.      | -3.3               | -6.1              | -19.8                          | -2.0     | 0.5                             | 0.8              | -0.4                        | -2.2              | 12.1                           | -1.1     | -0.1                            | -3.9             |
| JUN.      | -3.0               | -5.7              | -16.4                          | 0.1      | 0.0                             | -1.1             | -0.9                        | -2.8              | 6.2                            | -0.9     | -0.1                            | -3.4             |
| JUL.      | -1.6               | -0.8              | -18.0                          | 0.6      | 7.8                             | -0.6             | -1.0                        | -2.5              | 2.1                            | -0.7     | 1.0                             | -2.9             |
| AGO.      | -2.0               | -0.8              | -24.9                          | 12.4     | 3.1                             | -8.5             | -1.1                        | -2.3              | -1.9                           | 0.8      | 1.3                             | -3.7             |
| SET.      | 2.7                | 1.2               | -26.9                          | 9.0      | 2.3                             | 6.1              | -0.7                        | -1.9              | -5.1                           | 1.6      | 1.4                             | -2.6             |
| OCT.      | 0.8                | 1.6               | -24.8                          | 5.0      | 4.6                             | 3.4              | -0.5                        | -1.6              | -7.3                           | 2.0      | 1.7                             | -1.9             |
| NOV.      | 0.3                | 0.4               | -25.4                          | 5.4      | 6.2                             | 2.0              | -0.5                        | -1.4              | -9.2                           | 2.3      | 2.1                             | -1.6             |
| DIC.      | 1.2                | 1.6               | -25.4                          | 6.7      | 7.9                             | 2.5              | -0.3                        | -1.2              | -10.7                          | 2.6      | 2.6                             | -1.2             |
| 2014 ENE. | 2.0                | -6.8              | -17.0                          | 6.8      | 7.9                             | 4.3              | 2.0                         | -6.8              | -17.0                          | 6.8      | 7.9                             | 4.3              |
| FEB.      | 0.9                | -4.6              | -19.5                          | 3.2      | 7.8                             | 4.5              | 1.5                         | -5.7              | -18.2                          | 5.0      | 7.8                             | 4.4              |
| MAR.      | -1.4               | -4.3              | -16.7                          | -3.0     | 8.6                             | 2.2              | 0.5                         | -5.2              | -17.8                          | 2.2      | 8.1                             | 3.6              |
| ABR.      | 1.1                | -7.3              | -14.2                          | 3.3      | 5.3                             | 4.4              | 0.6                         | -5.8              | -16.9                          | 2.5      | 7.4                             | 3.9              |
| MAY.      | -1.9               | -1.6              | -6.7                           | 2.8      | -2.2                            | -5.6             | 0.1                         | -5.0              | -14.9                          | 2.5      | 5.4                             | 1.6              |
| JUN.      | -2.9               | -2.8              | -7.3                           | 1.1      | -0.7                            | -6.7             | -0.4                        | -4.6              | -13.7                          | 2.3      | 4.3                             | 0.0              |
| JUL.      | 1.1                | -2.0              | -6.0                           | 4.0      | -3.6                            | 1.3              | -0.2                        | -4.3              | -12.7                          | 2.6      | 3.1                             | 0.3              |
| AGO.      | 2.9                | -0.8              | -2.0                           | 3.3      | -1.5                            | 5.3              | 0.2                         | -3.8              | -11.5                          | 2.6      | 2.5                             | 0.9              |
| SET.      | 0.0                | -1.6              | 4.9                            | 0.3      | -0.8                            | -0.5             | 0.2                         | -3.6              | -9.8                           | 2.4      | 2.2                             | 0.7              |
| OCT.      | -0.4               | -1.9              | 1.4                            | -0.3     | -4.4                            | 0.5              | 0.1                         | -3.4              | -8.8                           | 2.1      | 1.5                             | 0.7              |
| NOV.      | 0.0                | -1.2              | 0.0                            | -0.6     | -3.7                            | 1.6              | 0.1                         | -3.2              | -8.1                           | 1.9      | 1.0                             | 0.8              |
| DIC.      | 0.0                | -3.5              | -3.3                           | 0.1      | -2.9                            | 2.5              | 0.1                         | -3.2              | -7.7                           | 1.7      | 0.7                             | 0.9              |
| 2015 ENE. | -1.5               | 3.7               | 0.7                            | -4.2     | 0.0                             | -1.2             | -1.5                        | 3.7               | 0.7                            | -4.2     | 0.0                             | -1.2             |
| FEB.      | -1.1               | 5.2               | 7.1                            | -0.8     | 7.2                             | -7.2             | -1.3                        | 4.5               | 3.8                            | -2.5     | 3.6                             | -4.1             |
| MAR.      | 0.3                | 7.3               | 7.1                            | 1.1      | 5.0                             | -5.6             | -0.7                        | 5.4               | 4.9                            | -1.3     | 4.1                             | -4.6             |
| ABR.      | 3.9                | 7.4               | 9.5                            | 2.4      | 5.0                             | 2.4              | 0.5                         | 5.9               | 6.0                            | -0.4     | 4.3                             | -2.7             |
| MAY.      | 4.7                | 7.0               | -2.0                           | 5.5      | 7.5                             | 3.8              | 1.3                         | 6.1               | 4.3                            | 0.8      | 4.9                             | -1.3             |
| JUN.      | 3.9                | 8.8               | -2.0                           | -1.2     | 11.3                            | 6.9              | 1.8                         | 6.5               | 3.2                            | 0.5      | 6.0                             | 0.2              |
| JUL.      | 0.6                | 7.4               | 0.0                            | -6.1     | 7.5                             | 3.3              | 1.6                         | 6.7               | 2.8                            | -0.5     | 6.2                             | 0.7              |
| AGO.      | 2.1                | 2.4               | 0.0                            | -5.1     | 15.8                            | 6.6              | 1.6                         | 6.1               | 2.4                            | -1.1     | 7.4                             | 1.5              |
| SET.      | 1.8                | 2.4               | -3.3                           | -1.3     | 29.0                            | 0.3              | 1.7                         | 5.7               | 1.8                            | -1.1     | 9.7                             | 1.3              |
| OCT.      | 3.1                | 4.7               | -0.7                           | 0.1      | 29.0                            | 1.0              | 1.8                         | 5.6               | 1.5                            | -1.0     | 11.6                            | 1.3              |
| NOV.      | -0.2               | 5.2               | -2.7                           | -8.6     | 27.5                            | 0.3              | 1.6                         | 5.6               | 1.1                            | -1.7     | 13.0                            | 1.2              |
| DIC.      | -1.8               | 5.6               | 1.4                            | -9.9     | 25.6                            | -3.2             | 1.3                         | 5.6               | 1.1                            | -2.3     | 14.0                            | 0.8              |

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DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| 2016 ENE. | -5.8               | 5.1               | 0.0                          | -8.3     | 21.2                            | -16.9            | -5.8                        | 5.1               | 0.0                          | -8.3     | 21.2                            | -16.9            |
| FEB.      | -2.7               | 2.7               | 13.3                         | -8.6     | -11.4                           | -2.5             | -4.3                        | 3.9               | 6.7                          | -8.5     | 4.2                             | -10.1            |
| MAR.      | -4.7               | 3.4               | 12.0                         | -5.4     | -8.2                            | -12.4            | -4.4                        | 3.7               | 8.5                          | -7.4     | 0.0                             | -10.9            |
| ABR.      | -5.2               | 3.8               | 12.0                         | -8.1     | -6.2                            | -10.2            | -4.6                        | 3.7               | 9.4                          | -7.6     | -1.6                            | -10.7            |
| MAY.      | -3.1               | 30.4              | 12.3                         | -12.9    | -6.9                            | -9.6             | -4.3                        | 9.1               | 10.0                         | -8.7     | -2.6                            | -10.4            |
| JUN.      | -4.6               | 28.5              | 8.9                          | -9.4     | -8.8                            | -15.3            | -4.4                        | 12.3              | 9.8                          | -8.8     | -3.7                            | -11.4            |
| JUL.      | -3.6               | 29.4              | 1.5                          | -9.7     | -8.3                            | -11.1            | -4.3                        | 14.8              | 8.6                          | -8.9     | -4.3                            | -11.3            |
| AGO.      | -3.7               | 35.9              | 0.8                          | -8.6     | -14.9                           | -12.6            | -4.2                        | 17.3              | 7.6                          | -8.9     | -5.7                            | -11.5            |
| SET.      | -3.9               | 33.5              | -0.6                         | -9.5     | -17.8                           | -10.5            | -4.1                        | 19.1              | 6.7                          | -9.0     | -7.3                            | -11.4            |
| OCT.      | -3.3               | 29.7              | -4.0                         | -7.9     | -18.9                           | -8.1             | -4.1                        | 20.2              | 5.7                          | -8.8     | -8.6                            | -11.0            |
| NOV.      | 0.1                | 31.2              | -6.1                         | 0.8      | -15.6                           | -7.4             | -3.7                        | 21.2              | 4.6                          | -8.1     | -9.3                            | -10.7            |
| DIC.      | 2.3                | 31.2              | -9.2                         | 2.0      | -5.4                            | -4.9             | -3.2                        | 22.1              | 3.5                          | -7.3     | -8.9                            | -10.2            |
| 2017 ENE. | 9.0                | 27.8              | -9.2                         | -0.2     | -4.8                            | 19.3             | 9.0                         | 27.8              | -9.2                         | -0.2     | -4.8                            | 19.3             |
| FEB.      | 6.3                | 27.8              | -21.5                        | -0.2     | 19.7                            | 7.3              | 7.6                         | 27.8              | -15.8                        | -0.2     | 6.0                             | 13.2             |
| MAR.      | 5.9                | 28.8              | -21.7                        | 0.6      | 17.9                            | 4.8              | 7.0                         | 28.1              | -17.8                        | 0.1      | 9.7                             | 10.3             |
| ABR.      | 2.3                | 29.7              | -21.7                        | -1.0     | 15.3                            | -3.3             | 5.7                         | 28.5              | -18.8                        | -0.2     | 11.1                            | 6.3              |
| MAY.      | -1.6               | 3.7               | -20.8                        | -2.1     | 13.2                            | -1.6             | 4.2                         | 22.6              | -19.2                        | -0.6     | 11.5                            | 4.5              |
| JUN.      | 0.0                | 4.8               | -17.8                        | -0.5     | 12.3                            | 0.0              | 3.5                         | 19.2              | -19.0                        | -0.6     | 11.6                            | 3.6              |
| JUL.      | -2.6               | 2.5               | -9.9                         | -1.3     | 10.1                            | -7.3             | 2.5                         | 16.5              | -17.8                        | -0.7     | 11.4                            | 1.9              |
| AGO.      | -3.0               | 0.0               | -8.7                         | -2.6     | 12.5                            | -6.8             | 1.8                         | 14.2              | -16.7                        | -0.9     | 11.5                            | 0.7              |
| SET.      | -3.1               | 2.6               | -8.1                         | -1.9     | 4.5                             | -7.4             | 1.3                         | 12.8              | -15.9                        | -1.0     | 10.7                            | -0.3             |
| OCT.      | -3.4               | 1.1               | -4.8                         | -3.7     | 4.8                             | -7.1             | 0.8                         | 11.5              | -14.9                        | -1.3     | 10.2                            | -1.1             |
| NOV.      | -3.2               | -1.5              | -2.0                         | -1.6     | 5.5                             | -7.9             | 0.4                         | 10.2              | -13.8                        | -1.3     | 9.7                             | -1.8             |
| DIC.      | -3.5               | -1.5              | 3.7                          | -1.2     | -7.0                            | -7.4             | 0.1                         | 9.1               | -12.6                        | -1.3     | 8.1                             | -2.3             |
| 2018 ENE. | -6.5               | 0.0               | 0.7                          | 0.3      | -5.9                            | -17.9            | -6.5                        | 0.0               | 0.7                          | 0.3      | -5.9                            | -17.9            |
| FEB.      | -5.3               | 0.0               | -4.6                         | -1.4     | -5.9                            | -11.0            | -5.9                        | 0.0               | -2.0                         | -0.6     | -5.9                            | -14.6            |
| MAR.      | -6.6               | -2.6              | -3.3                         | 0.3      | -5.9                            | -14.8            | -6.1                        | -0.9              | -2.4                         | -0.2     | -5.9                            | -14.6            |
| ABR.      | -3.9               | -2.6              | -3.3                         | 0.9      | -5.9                            | -8.3             | -5.6                        | -1.3              | -2.6                         | 0.1      | -5.9                            | -12.9            |
| MAY.      | -0.1               | -2.6              | -5.4                         | -1.2     | -3.1                            | 3.3              | -4.5                        | -1.6              | -3.2                         | -0.2     | -5.3                            | -9.4             |
| JUN.      | 1.6                | -2.6              | -5.3                         | 0.5      | -4.2                            | 6.9              | -3.4                        | -1.8              | -3.5                         | -0.1     | -5.1                            | -6.6             |
| JUL.      | 1.4                | -1.7              | -6.1                         | 1.7      | -0.9                            | 4.0              | -2.8                        | -1.8              | -3.9                         | 0.2      | -4.6                            | -5.0             |
| AGO.      | 1.6                | -2.4              | 1.4                          | 0.0      | -1.4                            | 3.1              | -2.2                        | -1.8              | -3.2                         | 0.1      | -4.2                            | -4.0             |
| SET.      | 0.6                | -2.1              | -1.7                         | -2.1     | -0.9                            | 3.5              | -1.9                        | -1.9              | -3.1                         | -0.1     | -3.9                            | -3.1             |
| OCT.      | -0.3               | 2.0               | -14.3                        | -1.5     | 0.3                             | 3.3              | -1.8                        | -1.5              | -4.2                         | -0.2     | -3.5                            | -2.4             |
| NOV.      | 1.3                | 3.6               | -14.9                        | -1.2     | 1.3                             | 6.3              | -1.5                        | -1.0              | -5.2                         | -0.3     | -3.0                            | -1.6             |
| DIC.      | 0.2                | 4.8               | -17.9                        | -1.9     | 1.1                             | 4.6              | -1.3                        | -0.5              | -6.3                         | -0.5     | -2.7                            | -1.1             |
| 2019 ENE. | 1.7                | 4.2               | -16.5                        | -4.5     | -1.0                            | 13.2             | 1.7                         | 4.2               | -16.5                        | -4.5     | -1.0                            | 13.2             |
| FEB.      | 6.3                | 6.6               | -5.2                         | 4.5      | 0.4                             | 11.6             | 4.0                         | 5.4               | -11.0                        | 0.1      | -0.3                            | 12.4             |
| MAR.      | 7.6                | 6.6               | -8.2                         | -0.3     | -1.0                            | 23.8             | 5.2                         | 5.8               | -10.1                        | -0.1     | -0.5                            | 16.1             |
| ABR.      | 7.4                | 6.6               | -8.2                         | 3.4      | 1.3                             | 18.0             | 5.8                         | 6.0               | -9.6                         | 0.8      | -0.1                            | 16.7             |
| MAY.      | 1.7                | 6.6               | -6.0                         | 2.6      | 4.8                             | 0.7              | 4.9                         | 6.1               | -8.9                         | 1.2      | 0.9                             | 12.7             |
| JUN.      | 1.7                | 7.8               | -9.2                         | 2.3      | 7.0                             | 1.1              | 4.4                         | 6.4               | -9.0                         | 1.3      | 1.9                             | 10.4             |
| JUL.      | 3.1                | 9.0               | -11.6                        | 2.7      | 9.4                             | 4.2              | 4.2                         | 6.7               | -9.3                         | 1.5      | 2.9                             | 9.4              |
| AGO.      | 2.6                | 6.7               | -19.3                        | 8.4      | 10.7                            | 0.5              | 4.0                         | 6.7               | -10.7                        | 2.3      | 3.9                             | 8.2              |
| SET.      | 4.1                | 9.0               | -16.2                        | 9.0      | 14.1                            | 1.1              | 4.0                         | 7.0               | -11.3                        | 3.0      | 5.0                             | 7.3              |
| OCT.      | 3.9                | 6.3               | -1.4                         | 9.4      | 8.5                             | -1.7             | 4.0                         | 6.9               | -10.4                        | 3.7      | 5.4                             | 6.3              |
| NOV. P/   | 2.3                | 6.9               | -0.8                         | 6.9      | 4.5                             | -3.0             | 3.8                         | 6.9               | -9.6                         | 3.9      | 5.3                             | 5.4              |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 50  
A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES |      | VARIACIÓN ANUAL 1/ |                  |                            |          |                                 |                 | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                                 |                 |
|-----------|------|--------------------|------------------|----------------------------|----------|---------------------------------|-----------------|-----------------------------|------------------|----------------------------|----------|---------------------------------|-----------------|
|           |      | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios<br>4/ |
| 2004      | ENE. | -7.7               | -                | -18.1                      | 3.6      | -                               | -1.6            | -7.7                        | -                | -18.1                      | 3.6      | -                               | -1.6            |
|           | FEB. | -5.7               | -                | -18.1                      | 12.3     | -                               | 0.9             | -6.7                        | -                | -18.1                      | 8.0      | -                               | -0.4            |
|           | MAR. | -5.7               | -                | -17.4                      | 12.3     | -                               | 0.4             | -6.4                        | -                | -17.8                      | 9.4      | -                               | -0.1            |
|           | ABR. | -2.0               | -                | -12.5                      | 12.3     | -                               | 3.4             | -5.3                        | -                | -16.5                      | 10.1     | -                               | 0.8             |
|           | MAY. | -1.1               | -                | -10.7                      | -6.4     | -                               | 4.9             | -4.5                        | -                | -15.4                      | 6.8      | -                               | 1.6             |
|           | JUN. | -3.7               | -                | -10.9                      | -80.1    | -                               | 5.9             | -4.3                        | -                | -14.7                      | -8.1     | -                               | 2.4             |
|           | JUL. | -10.1              | -                | -13.2                      | -        | -                               | -1.6            | -5.2                        | -                | -14.5                      | -8.5     | -                               | 1.8             |
|           | AGO. | -12.5              | -                | -12.4                      | -        | -                               | -8.3            | -6.1                        | -                | -14.2                      | -8.8     | -                               | 0.4             |
|           | SET. | -12.1              | -                | -13.1                      | -        | -                               | -5.7            | -6.8                        | -                | -14.1                      | -8.9     | -                               | -0.3            |
|           | OCT. | -12.0              | -                | -17.3                      | -        | -                               | 0.0             | -7.3                        | -                | -14.4                      | -8.9     | -                               | -0.3            |
|           | NOV. | -0.4               | -                | 6.4                        | -        | -                               | -2.0            | -6.7                        | -                | -12.8                      | -8.9     | -                               | -0.4            |
|           | DIC. | 5.4                | -                | 14.8                       | -        | -                               | 0.6             | -5.7                        | -                | -10.7                      | -9.1     | -                               | -0.3            |
| 2005      | ENE. | 8.3                | -                | 15.4                       | -        | -                               | 3.7             | 8.3                         | -                | 15.4                       | -        | -                               | 3.7             |
|           | FEB. | 8.4                | -                | 17.8                       | -        | -                               | 2.9             | 8.4                         | -                | 16.6                       | -        | -                               | 3.3             |
|           | MAR. | 7.9                | -                | 16.8                       | -        | -                               | 5.0             | 8.2                         | -                | 16.7                       | -        | -                               | 3.9             |
|           | ABR. | 5.4                | -                | 14.1                       | -        | -                               | 3.0             | 7.5                         | -                | 16.0                       | -        | -                               | 3.7             |
|           | MAY. | 2.1                | -                | 10.3                       | -        | -                               | -2.0            | 6.4                         | -                | 14.8                       | -        | -                               | 2.5             |
|           | JUN. | 5.9                | -                | 10.6                       | -        | -                               | -0.4            | 6.3                         | -                | 14.1                       | -        | -                               | 2.0             |
|           | JUL. | 12.6               | -                | 22.2                       | -        | -                               | 1.4             | 7.2                         | -                | 15.2                       | -        | -                               | 1.9             |
|           | AGO. | 12.1               | -                | 22.5                       | -        | -                               | 3.0             | 7.8                         | -                | 16.1                       | -        | -                               | 2.0             |
|           | SET. | 17.0               | -                | 33.2                       | -        | -                               | 1.4             | 8.7                         | -                | 17.9                       | -        | -                               | 2.0             |
|           | OCT. | 21.6               | -                | 39.7                       | -        | -                               | 6.2             | 10.0                        | -                | 19.9                       | -        | -                               | 2.4             |
|           | NOV. | 20.5               | -                | 33.8                       | -        | -                               | 12.2            | 10.9                        | -                | 21.3                       | 333.6    | -                               | 3.3             |
|           | DIC. | 16.1               | -                | 23.8                       | -        | -                               | 15.5            | 11.4                        | -                | 21.5                       | 356.4    | -                               | 4.3             |
| 2006      | ENE. | 19.6               | -                | 29.4                       | -        | -                               | 16.4            | 19.6                        | -                | 29.4                       | -        | -                               | 16.4            |
|           | FEB. | 19.3               | -36.1            | 25.6                       | -        | -                               | 23.2            | 19.4                        | -34.6            | 27.5                       | -        | -                               | 19.8            |
|           | MAR. | 18.4               | -35.2            | 26.4                       | -        | -                               | 20.4            | 19.1                        | -34.7            | 27.1                       | -        | -                               | 20.0            |
|           | ABR. | 19.8               | -34.3            | 28.7                       | -        | -                               | 21.1            | 19.3                        | -34.5            | 27.5                       | -        | -                               | 20.3            |
|           | MAY. | 22.4               | -31.5            | 29.6                       | -        | -                               | 26.3            | 19.9                        | -33.7            | 27.9                       | -        | -                               | 21.5            |
|           | JUN. | 29.4               | -31.1            | 28.7                       | -        | -                               | 53.9            | 21.5                        | -33.2            | 28.1                       | -        | -                               | 27.0            |
|           | JUL. | 30.0               | -22.3            | 28.1                       | -        | -                               | 55.0            | 22.7                        | -31.6            | 28.1                       | -        | -                               | 31.0            |
|           | AGO. | 33.2               | -7.3             | 28.0                       | -        | -                               | 59.1            | 24.0                        | -28.9            | 28.1                       | -        | -                               | 34.5            |
|           | SET. | 21.1               | -5.5             | 17.7                       | -        | -                               | 39.8            | 23.7                        | -26.7            | 26.8                       | -        | -                               | 35.1            |
|           | OCT. | 23.4               | 3.9              | 21.1                       | -        | -                               | 37.3            | 23.6                        | -24.1            | 26.2                       | -        | -                               | 35.3            |
|           | NOV. | 23.5               | 2.9              | 16.6                       | 8.6      | -                               | 48.5            | 23.6                        | -22.0            | 25.2                       | 13.7     | -                               | 36.6            |
|           | DIC. | 27.7               | 2.4              | 28.3                       | -7.8     | -                               | 41.8            | 24.0                        | -20.2            | 25.5                       | 7.1      | -                               | 37.1            |
| 2007      | ENE. | 19.8               | 1.9              | 20.5                       | -15.2    | -                               | 29.3            | 19.8                        | 1.9              | 20.5                       | -15.2    | -                               | 29.3            |
|           | FEB. | 6.0                | 6.5              | 19.9                       | -21.6    | -                               | -20.8           | 12.8                        | 4.2              | 20.2                       | -18.5    | -                               | 3.5             |
|           | MAR. | 15.4               | 7.0              | 18.0                       | -21.4    | -                               | 18.1            | 13.7                        | 5.1              | 19.5                       | -19.5    | -                               | 8.6             |
|           | ABR. | 17.2               | 7.0              | 19.7                       | -17.2    | -                               | 20.8            | 14.6                        | 5.6              | 19.5                       | -18.9    | -                               | 11.7            |
|           | MAY. | 18.4               | 13.1             | 24.0                       | -16.0    | -                               | 12.5            | 15.4                        | 7.1              | 20.4                       | -18.4    | -                               | 11.9            |
|           | JUN. | 16.9               | 12.5             | 22.8                       | -3.4     | -                               | 14.0            | 15.6                        | 8.0              | 20.8                       | -16.0    | -                               | 12.3            |
|           | JUL. | 13.0               | 13.5             | 17.3                       | -0.9     | -                               | 10.7            | 15.2                        | 8.8              | 20.3                       | -13.9    | -                               | 12.0            |
|           | AGO. | 9.4                | 13.5             | 15.0                       | -2.5     | -                               | 2.5             | 14.5                        | 9.4              | 19.6                       | -12.5    | -                               | 10.6            |
|           | SET. | 14.5               | 15.8             | 14.5                       | 4.3      | -                               | 18.8            | 14.5                        | 10.1             | 19.1                       | -10.7    | -                               | 11.6            |
|           | OCT. | 10.3               | 6.6              | 11.0                       | 4.3      | -                               | 14.3            | 14.0                        | 9.7              | 18.2                       | -9.2     | -                               | 11.9            |
|           | NOV. | 5.7                | 7.1              | 8.0                        | 7.9      | -                               | 2.8             | 13.2                        | 9.4              | 17.2                       | -7.7     | -                               | 10.9            |
|           | DIC. | 3.3                | 11.3             | 2.9                        | 15.0     | -                               | 1.4             | 12.2                        | 9.6              | 15.8                       | -6.0     | -                               | 10.0            |
| 2008      | ENE. | 12.2               | 31.0             | 10.6                       | 20.4     | -                               | 6.3             | 12.2                        | 31.0             | 10.6                       | 20.4     | -                               | 6.3             |
|           | FEB. | 13.1               | 16.6             | 11.1                       | 27.9     | -                               | -0.8            | 12.6                        | 23.8             | 10.8                       | 24.2     | -                               | 3.5             |
|           | MAR. | -1.2               | 2.0              | 2.7                        | 30.9     | -                               | -18.8           | 7.9                         | 16.5             | 8.2                        | 26.3     | -                               | -4.9            |
|           | ABR. | -1.8               | -0.4             | -1.2                       | 30.2     | -                               | -10.2           | 5.4                         | 12.3             | 5.8                        | 27.3     | -                               | -6.4            |
|           | MAY. | -4.8               | -5.7             | -8.4                       | 26.0     | -                               | -0.6            | 3.3                         | 8.5              | 2.9                        | 27.0     | -                               | -5.2            |
|           | JUN. | -11.6              | -9.7             | -10.6                      | 12.5     | -                               | -20.1           | 0.6                         | 5.3              | 0.6                        | 24.3     | -                               | -8.2            |
|           | JUL. | -10.8              | -8.2             | -11.5                      | 6.8      | -                               | -15.5           | -1.1                        | 3.3              | -1.1                       | 21.5     | -                               | -9.5            |
|           | AGO. | -11.0              | -9.0             | -14.0                      | 6.4      | -                               | -11.4           | -2.3                        | 1.7              | -2.7                       | 19.4     | -                               | -9.7            |
|           | SET. | -20.3              | -36.1            | -16.4                      | 5.1      | -                               | -28.7           | -4.4                        | -2.6             | -4.2                       | 17.6     | -                               | -12.1           |
|           | OCT. | -21.7              | -66.0            | -17.0                      | 5.5      | -                               | -19.9           | -6.1                        | -9.1             | -5.4                       | 16.3     | -                               | -12.9           |
|           | NOV. | -24.1              | -66.3            | -21.3                      | 0.3      | -                               | -18.6           | -7.8                        | -14.5            | -6.9                       | 14.7     | -                               | -13.5           |
|           | DIC. | -28.3              | -67.6            | -28.3                      | 1.9      | -                               | -18.3           | -9.6                        | -19.1            | -8.7                       | 13.5     | -                               | -13.9           |
| 2009      | ENE. | -35.7              | -62.9            | -39.5                      | 2.0      | -                               | -20.0           | -35.7                       | -62.9            | -39.5                      | 2.0      | -                               | -20.0           |
|           | FEB. | -35.5              | -58.6            | -45.7                      | 12.4     | -                               | 5.9             | -35.6                       | -60.9            | -42.6                      | 7.3      | -                               | -10.2           |
|           | MAR. | -32.6              | -53.2            | -42.0                      | 18.1     | -                               | -11.0           | -34.7                       | -58.6            | -42.4                      | 10.9     | -                               | -10.5           |
|           | ABR. | -34.7              | -52.0            | -45.5                      | 18.8     | -                               | -15.5           | -34.7                       | -57.2            | -43.1                      | 12.8     | -                               | -11.8           |
|           | MAY. | -30.0              | -57.8            | -43.5                      | 18.2     | -                               | -1.5            | -33.8                       | -57.3            | -43.2                      | 13.9     | -                               | -9.6            |
|           | JUN. | -24.9              | -56.0            | -36.4                      | 15.9     | -                               | 1.2             | -32.4                       | -57.1            | -42.2                      | 14.2     | -                               | -7.6            |
|           | JUL. | -26.4              | -52.2            | -38.2                      | 16.7     | -                               | -4.4            | -31.6                       | -56.4            | -41.7                      | 14.6     | -                               | -7.1            |
|           | AGO. | -25.7              | -51.7            | -36.3                      | 13.0     | -                               | -5.2            | -30.9                       | -55.9            | -41.1                      | 14.4     | -                               | -6.8            |
|           | SET. | -22.6              | -30.4            | -34.5                      | 15.6     | -                               | -7.6            | -30.1                       | -54.0            | -40.5                      | 14.5     | -                               | -6.9            |
|           | OCT. | -22.7              | 31.9             | -33.9                      | 13.8     | -                               | -22.7           | -29.5                       | -50.7            | -39.9                      | 14.4     | -                               | -8.5            |
|           | NOV. | -13.2              | 33.0             | -32.6                      | 19.6     | -                               | 4.7             | -28.2                       | -47.6            | -39.4                      | 14.9     | -                               | -7.3            |

**CIUDAD DE SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 50  
A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**

(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                            |          |                                 |                 | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                            |          |                                 |                 |
|-----------|--------------------|------------------|----------------------------|----------|---------------------------------|-----------------|-----------------------------|------------------|----------------------------|----------|---------------------------------|-----------------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios<br>4/ |
| 2010 DIC. | -7.1               | 46.4             | -23.2                      | 17.7     | -                               | 4.0             | -26.7                       | -44.3            | -38.3                      | 15.1     | -                               | -6.3            |
| 2010 ENE. | 2.0                | 14.2             | -6.9                       | 17.1     | -                               | -8.2            | 2.0                         | 14.2             | -6.9                       | 17.1     | -                               | -8.2            |
| 2010 FEB. | 2.0                | -12.2            | 2.2                        | 1.0      | -                               | 2.9             | 2.0                         | 1.0              | -2.6                       | 8.3      | -                               | -3.3            |
| 2010 MAR. | 1.3                | -8.8             | 0.3                        | -0.3     | -                               | 5.4             | 1.8                         | -2.2             | -1.7                       | 5.3      | -                               | -0.5            |
| 2010 ABR. | -4.2               | -11.5            | -8.3                       | -0.3     | -                               | 10.5            | 0.4                         | -4.5             | -3.2                       | 3.8      | -                               | 2.4             |
| 2010 MAY. | -11.1              | -2.1             | -7.8                       | -1.3     | -                               | -14.6           | -2.0                        | -4.1             | -4.0                       | 2.8      | -                               | -1.7            |
| 2010 JUN. | -11.7              | -1.6             | -17.2                      | 3.0      | -                               | 6.9             | -3.7                        | -3.7             | -6.2                       | 2.8      | -                               | 0.0             |
| 2010 JUL. | -4.8               | -0.2             | -11.2                      | 6.4      | -                               | 14.0            | -3.8                        | -3.2             | -6.9                       | 3.3      | -                               | 2.3             |
| 2010 AGO. | -0.4               | 15.5             | -10.4                      | 8.9      | -                               | 6.9             | -3.4                        | -0.8             | -7.3                       | 4.0      | -                               | 2.9             |
| 2010 SET. | 12.4               | 43.6             | -10.8                      | 6.3      | -                               | 14.2            | -1.8                        | 4.2              | -7.7                       | 4.3      | -                               | 4.0             |
| 2010 OCT. | 10.6               | 35.6             | -14.5                      | 7.5      | -                               | 21.5            | -0.6                        | 7.4              | -8.3                       | 4.6      | -                               | 5.5             |
| 2010 NOV. | 1.0                | 36.2             | -17.2                      | 8.3      | -                               | 2.9             | -0.5                        | 10.1             | -9.1                       | 4.9      | -                               | 5.3             |
| 2010 DIC. | 0.7                | 27.2             | -19.3                      | 8.6      | 0.0                             | 8.1             | -0.4                        | 11.7             | -9.9                       | 5.3      | 5.2                             | 5.5             |
| 2011 ENE. | 11.2               | -4.5             | 19.3                       | 7.6      | -3.8                            | 18.0            | 11.2                        | -4.5             | 19.3                       | 7.6      | -3.8                            | 18.0            |
| 2011 FEB. | 31.1               | 39.6             | 35.4                       | 6.2      | 7.4                             | 8.2             | 20.7                        | 14.6             | 27.3                       | 6.9      | 1.9                             | 13.4            |
| 2011 MAR. | 37.3               | 56.3             | 38.9                       | 10.0     | 3.6                             | 9.3             | 26.0                        | 27.5             | 31.0                       | 7.9      | 2.5                             | 12.0            |
| 2011 ABR. | 22.8               | 61.7             | 8.1                        | 9.1      | 1.8                             | 5.1             | 25.3                        | 35.4             | 26.1                       | 8.2      | 2.3                             | 10.1            |
| 2011 MAY. | 21.1               | 55.5             | 0.4                        | 13.6     | 7.3                             | 25.6            | 24.5                        | 39.1             | 21.6                       | 9.3      | 3.3                             | 13.3            |
| 2011 JUN. | 16.6               | 54.0             | -4.3                       | 14.7     | 11.3                            | 11.9            | 23.2                        | 41.4             | 17.8                       | 10.2     | 4.6                             | 13.0            |
| 2011 JUL. | 12.0               | 29.0             | 0.8                        | 12.8     | 13.2                            | 8.7             | 21.6                        | 39.5             | 15.6                       | 10.6     | 5.8                             | 12.2            |
| 2011 AGO. | 20.3               | 50.3             | -1.5                       | 16.6     | 15.7                            | 16.5            | 21.4                        | 41.1             | 13.7                       | 11.4     | 7.0                             | 12.8            |
| 2011 SET. | 16.4               | 31.3             | 2.0                        | 9.2      | 28.0                            | 20.2            | 20.8                        | 39.6             | 12.5                       | 11.1     | 9.1                             | 13.6            |
| 2011 OCT. | 25.1               | 37.5             | 18.1                       | 8.0      | 34.0                            | 22.4            | 21.3                        | 39.3             | 13.0                       | 10.8     | 11.5                            | 14.5            |
| 2011 NOV. | 23.2               | 26.1             | 26.1                       | -1.5     | 34.0                            | 24.2            | 21.5                        | 37.8             | 14.0                       | 9.6      | 13.4                            | 15.5            |
| 2011 DIC. | 17.3               | 20.5             | 19.2                       | -8.7     | 32.0                            | 20.1            | 21.1                        | 36.0             | 14.4                       | 8.0      | 14.9                            | 15.9            |
| 2012 ENE. | -2.0               | 27.7             | -19.7                      | -10.9    | 41.2                            | 18.2            | -2.0                        | 27.7             | -19.7                      | -10.9    | 41.2                            | 18.2            |
| 2012 FEB. | -12.3              | 2.1              | -23.6                      | -11.1    | 24.1                            | 13.7            | -7.3                        | 14.2             | -21.7                      | -11.0    | 32.1                            | 16.2            |
| 2012 MAR. | -10.9              | -7.5             | -17.8                      | -21.2    | 37.9                            | 22.9            | -8.5                        | 6.0              | -20.4                      | -14.5    | 34.1                            | 18.4            |
| 2012 ABR. | 5.0                | -16.0            | 21.5                       | -20.6    | 36.8                            | 27.5            | -5.5                        | 0.0              | -12.8                      | -16.0    | 34.8                            | 20.8            |
| 2012 MAY. | 2.9                | -12.9            | 13.2                       | -24.3    | 28.8                            | 27.3            | -4.0                        | -2.7             | -9.0                       | -17.7    | 33.6                            | 22.3            |
| 2012 JUN. | 4.5                | -12.1            | 21.6                       | -26.1    | 22.0                            | 18.0            | -2.7                        | -4.3             | -5.4                       | -19.2    | 31.6                            | 21.4            |
| 2012 JUL. | 6.2                | 2.2              | 10.7                       | -24.4    | 25.0                            | 19.7            | -1.5                        | -3.4             | -3.6                       | -20.0    | 30.6                            | 21.1            |
| 2012 AGO. | 16.9               | 19.6             | 19.0                       | -26.9    | 37.3                            | 28.8            | 0.8                         | 0.2              | -1.4                       | -20.9    | 31.5                            | 22.2            |
| 2012 SET. | 10.3               | 5.3              | 17.8                       | -22.3    | 18.8                            | 24.2            | 1.9                         | 1.0              | 0.4                        | -21.1    | 29.9                            | 22.4            |
| 2012 OCT. | 18.8               | 19.6             | 8.6                        | 12.0     | 13.4                            | 43.4            | 3.7                         | 3.4              | 1.1                        | -17.8    | 28.0                            | 24.6            |
| 2012 NOV. | 24.5               | 31.4             | 17.1                       | 21.1     | 16.4                            | 25.6            | 5.7                         | 6.3              | 2.5                        | -14.4    | 26.9                            | 24.8            |
| 2012 DIC. | 26.7               | 31.2             | 22.7                       | 29.1     | 21.2                            | 23.4            | 7.5                         | 8.7              | 4.1                        | -11.2    | 26.3                            | 24.6            |
| 2013 ENE. | 24.6               | 47.9             | 4.6                        | 29.8     | 16.7                            | 25.7            | 24.6                        | 47.9             | 4.6                        | 29.8     | 16.7                            | 25.7            |
| 2013 FEB. | 19.7               | 20.7             | 12.7                       | 31.8     | 23.6                            | 28.7            | 22.2                        | 35.1             | 8.7                        | 30.8     | 20.1                            | 27.0            |
| 2013 MAR. | 13.3               | 11.0             | 5.0                        | 42.0     | 20.0                            | 26.2            | 19.2                        | 27.1             | 7.4                        | 34.3     | 20.1                            | 26.7            |
| 2013 ABR. | 3.9                | -9.7             | -1.8                       | 41.3     | 23.1                            | 20.4            | 15.4                        | 18.6             | 5.1                        | 35.9     | 20.9                            | 25.0            |
| 2013 MAY. | 8.7                | -12.8            | 13.1                       | 41.8     | 22.4                            | 12.7            | 14.1                        | 12.8             | 6.5                        | 37.1     | 21.2                            | 22.0            |
| 2013 JUN. | 14.2               | -7.2             | 18.5                       | 43.4     | 27.8                            | 19.7            | 14.1                        | 9.7              | 8.4                        | 38.1     | 22.2                            | 21.6            |
| 2013 JUL. | 16.4               | 0.5              | 23.0                       | 36.7     | 21.3                            | 16.9            | 14.4                        | 8.3              | 10.2                       | 37.9     | 22.1                            | 20.8            |
| 2013 AGO. | 4.4                | -16.8            | 19.6                       | 34.2     | 6.2                             | 12.2            | 12.9                        | 3.6              | 11.3                       | 37.4     | 20.0                            | 19.5            |
| 2013 SET. | 8.7                | -1.5             | 15.3                       | 33.8     | 6.6                             | 9.6             | 12.4                        | 2.8              | 11.8                       | 37.0     | 18.5                            | 18.3            |
| 2013 OCT. | -3.0               | -17.3            | 10.8                       | -5.3     | 10.5                            | 4.6             | 10.5                        | -0.1             | 11.7                       | 31.3     | 17.7                            | 16.6            |
| 2013 NOV. | 3.5                | 1.2              | 4.8                        | 10.3     | 7.7                             | 1.8             | 9.7                         | 0.0              | 11.0                       | 28.7     | 16.7                            | 15.0            |
| 2013 DIC. | 8.4                | 13.2             | 4.8                        | 11.5     | 22.5                            | 2.8             | 9.6                         | 1.5              | 10.4                       | 26.9     | 17.2                            | 13.8            |
| 2014 ENE. | 13.6               | 15.6             | 17.1                       | 15.3     | 10.7                            | 0.7             | 13.6                        | 15.6             | 17.1                       | 15.3     | 10.7                            | 0.7             |
| 2014 FEB. | 5.5                | 1.3              | 6.0                        | 14.7     | 7.9                             | 7.2             | 9.7                         | 9.6              | 11.2                       | 15.0     | 9.2                             | 3.6             |
| 2014 MAR. | 2.6                | 2.5              | -3.0                       | 32.3     | 0.0                             | -1.0            | 7.4                         | 7.5              | 6.3                        | 20.7     | 5.9                             | 2.1             |
| 2014 ABR. | 18.1               | 31.6             | 13.5                       | 31.0     | -1.0                            | 5.6             | 9.8                         | 11.8             | 8.0                        | 23.2     | 4.1                             | 3.0             |
| 2014 MAY. | 12.2               | -1.8             | 13.9                       | 33.0     | -4.3                            | 12.0            | 10.3                        | 9.8              | 9.2                        | 25.1     | 2.4                             | 5.0             |
| 2014 JUN. | 8.0                | -10.4            | 17.4                       | 25.6     | -6.5                            | 1.0             | 9.9                         | 7.2              | 10.5                       | 25.2     | 0.9                             | 4.2             |
| 2014 JUL. | 6.2                | -15.3            | 17.1                       | 29.7     | -3.3                            | 0.9             | 9.4                         | 4.1              | 11.5                       | 25.8     | 0.3                             | 3.6             |
| 2014 AGO. | 5.6                | 6.5              | 2.3                        | 28.2     | 0.0                             | 2.5             | 8.9                         | 4.5              | 10.3                       | 26.1     | 0.3                             | 3.5             |
| 2014 SET. | 9.1                | -0.8             | 9.7                        | 31.8     | 9.9                             | 19.4            | 8.9                         | 3.7              | 10.2                       | 26.7     | 1.2                             | 5.2             |
| 2014 OCT. | 8.2                | 1.7              | 10.1                       | 31.1     | 6.0                             | 7.1             | 8.8                         | 3.5              | 10.2                       | 27.2     | 1.7                             | 5.4             |
| 2014 NOV. | 18.2               | 6.4              | 43.8                       | 10.6     | 2.4                             | 7.7             | 9.8                         | 3.8              | 13.4                       | 25.5     | 1.7                             | 5.6             |
| 2014 DIC. | 14.3               | 4.2              | 34.5                       | 10.6     | -9.2                            | 9.7             | 10.3                        | 3.9              | 15.2                       | 24.1     | 0.7                             | 6.0             |
| 2015 ENE. | 13.4               | -1.3             | 32.1                       | 9.1      | -2.2                            | 19.8            | 13.4                        | -1.3             | 32.1                       | 9.1      | -2.2                            | 19.8            |
| 2015 FEB. | 11.1               | 16.1             | 12.0                       | 7.1      | -7.3                            | 9.2             | 12.3                        | 5.5              | 21.9                       | 8.1      | -4.8                            | 14.9            |
| 2015 MAR. | 15.6               | 12.2             | 34.1                       | -4.3     | -12.5                           | 1.3             | 13.3                        | 7.3              | 25.7                       | 3.6      | -7.4                            | 10.4            |
| 2015 ABR. | 16.7               | 17.5             | 27.1                       | -2.5     | 0.0                             | 12.9            | 14.2                        | 9.5              | 26.1                       | 2.0      | -5.5                            | 11.1            |
| 2015 MAY. | 14.2               | 56.5             | 7.9                        | -5.3     | 6.7                             | 5.8             | 14.2                        | 15.4             | 22.4                       | 0.5      | -3.2                            | 9.8             |
| 2015 JUN. | 8.1                | 40.1             | -0.7                       | -0.4     | 10.5                            | 6.2             | 13.2                        | 18.1             | 18.3                       | 0.3      | -1.1                            | 9.1             |
| 2015 JUL. | 9.7                | 52.1             | -3.9                       | -1.3     | 22.7                            | 5.0             | 12.7                        | 21.9             | 15.0                       | 0.1      | 2.2                             | 8.5             |
| 2015 AGO. | 7.5                | 12.9             | 7.3                        | -0.2     | 25.6                            | 3.5             | 12.0                        | 20.5             | 14.1                       | 0.1      | 4.9                             | 7.8             |
| 2015 SET. | 0.5                | 11.6             | -4.0                       | -0.3     | 18.0                            | -11.9           | 10.6                        | 19.2             | 12.1                       | 0.0      | 6.4                             | 5.3             |
| 2015 OCT. | 1.5                | 9.6              | -2.5                       | -0.8     | 36.0                            | -6.5            | 9.7                         | 18.1             | 10.7                       | -0.1     | 9.3                             | 4.0             |

**CIUDAD DE SULLANA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 50  
A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**

(Variación porcentual)

| AÑO Y MES |         | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|---------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           |         | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2016      | NOV.    | -18.5              | -17.1         | -31.9                   | 1.3      | 36.0                      | -7.4         | 6.4                         | 13.3          | 5.7                     | 0.1      | 11.6                      | 2.9          |
|           | DIC.    | -16.2              | -20.1         | -28.5                   | 1.1      | 44.9                      | 4.3          | 4.0                         | 9.1           | 2.1                     | 0.2      | 14.3                      | 3.0          |
|           | ENE.    | -14.0              | -22.3         | -13.2                   | 2.1      | 34.1                      | -10.4        | -14.0                       | -22.3         | -13.2                   | 2.1      | 34.1                      | -10.4        |
|           | FEB.    | -8.8               | -28.8         | 1.7                     | 2.8      | 50.6                      | -5.0         | -11.6                       | -25.1         | -6.3                    | 2.4      | 42.2                      | -8.0         |
|           | MAR.    | -12.3              | -31.8         | -9.8                    | 3.3      | 25.0                      | 8.5          | -11.8                       | -27.0         | -7.5                    | 2.7      | 36.7                      | -3.0         |
|           | ABR.    | -14.7              | -32.5         | -7.9                    | 3.0      | 26.3                      | -13.6        | -12.5                       | -28.2         | -7.6                    | 2.8      | 34.0                      | -6.0         |
|           | MAY.    | -7.6               | -36.3         | 7.2                     | 5.9      | 32.6                      | -4.9         | -11.6                       | -29.6         | -4.9                    | 3.4      | 33.7                      | -5.7         |
|           | JUN.    | -8.6               | -25.2         | -7.5                    | 5.2      | 55.8                      | -3.0         | -11.2                       | -29.0         | -5.3                    | 3.7      | 37.5                      | -5.2         |
|           | JUL.    | -14.5              | -14.7         | -29.6                   | 4.0      | 44.4                      | -6.7         | -11.6                       | -27.1         | -8.4                    | 3.7      | 38.7                      | -5.5         |
|           | AGO.    | -5.9               | -4.9          | -14.4                   | 4.5      | 44.4                      | -5.0         | -10.9                       | -23.9         | -9.0                    | 3.8      | 39.5                      | -5.4         |
|           | SET.    | -3.8               | -11.8         | -7.9                    | -0.7     | 47.6                      | 14.1         | -10.1                       | -22.3         | -8.9                    | 3.3      | 40.5                      | -3.4         |
|           | OCT.    | 2.3                | -2.5          | 4.4                     | -0.5     | 30.6                      | 8.1          | -8.9                        | -20.1         | -7.8                    | 3.0      | 39.3                      | -2.2         |
| 2017      | NOV.    | 10.1               | -3.9          | 32.9                    | -1.5     | 35.0                      | 9.0          | -7.2                        | -18.5         | -4.7                    | 2.5      | 38.8                      | -1.2         |
|           | DIC.    | 2.9                | -8.6          | 26.8                    | -1.7     | 22.5                      | -9.3         | -6.4                        | -17.6         | -2.4                    | 2.2      | 37.1                      | -2.0         |
|           | ENE.    | 1.4                | 1.1           | 6.7                     | -1.9     | 13.9                      | -5.2         | 1.4                         | 1.1           | 6.7                     | -1.9     | 13.9                      | -5.2         |
|           | FEB.    | 12.1               | 47.1          | 3.3                     | -1.8     | 3.7                       | 1.5          | 6.4                         | 19.9          | 5.0                     | -1.8     | 8.6                       | -2.2         |
|           | MAR.    | 6.3                | 20.1          | 8.4                     | -3.9     | 32.4                      | -5.2         | 6.4                         | 19.9          | 6.1                     | -2.5     | 15.5                      | -3.2         |
|           | ABR.    | -4.7               | 20.5          | -16.7                   | -4.8     | 15.8                      | -7.9         | 3.7                         | 20.1          | 0.4                     | -3.1     | 15.6                      | -4.4         |
|           | MAY.    | -1.7               | 37.1          | -16.8                   | -7.9     | 38.1                      | -4.6         | 2.6                         | 22.7          | -3.0                    | -4.1     | 20.3                      | -4.5         |
|           | JUN.    | 0.5                | 24.1          | -5.0                    | -6.4     | 30.4                      | -8.3         | 2.3                         | 22.9          | -3.3                    | -4.5     | 22.3                      | -5.2         |
|           | JUL.    | 6.3                | -9.4          | 38.2                    | -4.9     | 17.9                      | -3.2         | 2.8                         | 17.7          | 0.7                     | -4.5     | 21.5                      | -4.9         |
|           | AGO.    | -9.8               | -33.3         | 9.2                     | -3.6     | 21.2                      | -4.4         | 1.1                         | 8.6           | 1.6                     | -4.4     | 21.5                      | -4.8         |
|           | SET.    | -5.5               | -20.6         | 8.6                     | -0.1     | 17.4                      | -6.1         | 0.4                         | 4.2           | 2.2                     | -3.9     | 20.9                      | -5.0         |
|           | OCT.    | -9.1               | -20.1         | -5.1                    | 1.2      | 15.2                      | -6.3         | -0.7                        | 0.9           | 1.5                     | -3.4     | 20.3                      | -5.1         |
| 2018      | NOV.    | -13.6              | -17.4         | -23.2                   | 5.8      | 15.2                      | -6.6         | -2.0                        | -1.3          | -1.1                    | -2.6     | 19.8                      | -5.3         |
|           | DIC.    | -16.0              | -10.6         | -38.7                   | 5.6      | 15.2                      | -1.8         | -3.3                        | -2.2          | -4.7                    | -1.9     | 19.3                      | -5.0         |
|           | ENE.    | -20.5              | -37.2         | -26.1                   | 6.3      | 30.9                      | -5.3         | -20.5                       | -37.2         | -26.1                   | 6.3      | 30.9                      | -5.3         |
|           | FEB.    | -20.9              | -39.4         | -21.6                   | 4.9      | 30.9                      | -11.6        | -20.7                       | -38.3         | -23.9                   | 5.6      | 30.9                      | -8.3         |
|           | MAR.    | -8.5               | -19.2         | -12.7                   | 6.7      | 30.9                      | -1.0         | -16.9                       | -33.2         | -20.1                   | 6.0      | 30.9                      | -5.9         |
|           | ABR.    | -7.8               | -33.9         | -13.1                   | 9.8      | 30.9                      | 20.5         | -14.8                       | -33.3         | -18.7                   | 6.9      | 30.9                      | 0.7          |
|           | MAY.    | -8.5               | -30.8         | -10.2                   | 12.9     | 4.6                       | 4.1          | -13.7                       | -32.9         | -17.2                   | 8.1      | 24.7                      | 1.5          |
|           | JUN.    | -6.1               | -25.9         | -5.5                    | 8.1      | -8.6                      | 4.5          | -12.5                       | -31.9         | -15.6                   | 8.1      | 17.7                      | 2.0          |
|           | JUL.    | -5.8               | -10.3         | -11.2                   | 6.5      | -17.5                     | 2.8          | -11.6                       | -29.2         | -15.0                   | 7.8      | 11.9                      | 2.2          |
|           | AGO.    | -5.8               | 21.6          | -16.5                   | -2.1     | -15.5                     | -7.2         | -10.9                       | -23.6         | -15.1                   | 6.6      | 7.9                       | 0.9          |
|           | SET.    | -10.4              | 27.4          | -29.3                   | -3.3     | -14.8                     | -7.3         | -10.8                       | -17.8         | -16.6                   | 5.5      | 5.1                       | -0.1         |
|           | OCT.    | -7.8               | 34.6          | -28.3                   | -4.9     | -30.6                     | -1.3         | -10.5                       | -12.2         | -17.6                   | 4.4      | 1.2                       | -0.2         |
| 2019      | NOV.    | 4.9                | 35.3          | 4.0                     | -10.6    | -30.6                     | -0.5         | -9.1                        | -7.5          | -15.8                   | 3.0      | -2.0                      | -0.3         |
|           | DIC.    | 7.1                | 23.0          | 25.6                    | -8.2     | -30.1                     | -0.8         | -7.8                        | -4.7          | -13.3                   | 2.0      | -4.5                      | -0.3         |
|           | ENE.    | 12.5               | 72.5          | 4.1                     | -9.3     | -30.1                     | -0.3         | 12.5                        | 72.5          | 4.1                     | -9.3     | -30.1                     | -0.3         |
|           | FEB.    | 9.3                | -25.5         | 26.9                    | -10.3    | -33.6                     | 5.9          | 11.0                        | 24.4          | 15.8                    | -9.8     | -31.9                     | 2.5          |
|           | MAR.    | -0.4               | -28.7         | 5.0                     | -10.2    | -35.4                     | 3.7          | 7.0                         | 7.1           | 11.9                    | -9.9     | -33.0                     | 2.9          |
|           | ABR.    | 9.1                | -11.3         | 32.5                    | -9.7     | -31.0                     | -12.5        | 7.5                         | 3.3           | 16.4                    | -9.9     | -32.5                     | -1.7         |
|           | MAY.    | -0.1               | 0.4           | 9.3                     | -10.0    | -31.0                     | -12.3        | 6.0                         | 2.8           | 15.1                    | -9.9     | -32.2                     | -4.2         |
|           | JUN.    | -5.4               | 0.3           | -5.6                    | -4.5     | -28.8                     | -11.2        | 4.1                         | 2.4           | 11.8                    | -9.0     | -31.7                     | -5.5         |
|           | JUL.    | -3.4               | 11.6          | -4.8                    | -6.2     | -18.8                     | -10.9        | 3.0                         | 3.8           | 9.5                     | -8.6     | -30.1                     | -6.4         |
|           | AGO.    | 11.2               | 39.2          | 8.5                     | 0.6      | -21.9                     | -3.4         | 4.1                         | 10.0          | 9.4                     | -7.5     | -29.2                     | -6.0         |
|           | SET.    | 19.7               | 38.2          | 31.4                    | 1.4      | -19.5                     | -5.1         | 5.8                         | 15.0          | 11.3                    | -6.6     | -28.2                     | -5.9         |
|           | OCT.    | 33.0               | 30.6          | 79.8                    | 2.6      | -1.3                      | -11.2        | 8.6                         | 17.6          | 16.6                    | -5.8     | -26.2                     | -6.5         |
|           | NOV. P/ | 16.0               | 34.0          | 22.2                    | 1.1      | -1.3                      | -11.3        | 9.4                         | 19.9          | 17.2                    | -5.2     | -24.4                     | -6.9         |

Nota: La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Talara |               |                         |          |                                        |
|-----------|------|--------|---------------|-------------------------|----------|----------------------------------------|
|           |      | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. Servicios 2/ |
| 2003      | ENE. | 56.1   | 44.6          | 68.8                    | 137.5    | 66.4 74.6                              |
|           | FEB. | 56.7   | 45.4          | 71.3                    | 137.5    | 66.6 72.6                              |
|           | MAR. | 57.1   | 46.7          | 70.1                    | 119.9    | 67.2 72.4                              |
|           | ABR. | 57.7   | 46.8          | 67.3                    | 108.2    | 66.5 80.8                              |
|           | MAY. | 57.5   | 46.6          | 67.0                    | 107.2    | 66.0 81.4                              |
|           | JUN. | 56.7   | 45.6          | 67.0                    | 110.1    | 66.6 78.6                              |
|           | JUL. | 60.0   | 46.0          | 80.5                    | 112.0    | 65.6 88.7                              |
|           | AGO. | 58.9   | 47.3          | 80.7                    | 112.8    | 64.8 75.9                              |
|           | SET. | 57.5   | 46.1          | 80.2                    | 111.2    | 64.6 70.9                              |
|           | OCT. | 58.7   | 47.4          | 80.1                    | 103.9    | 64.5 75.5                              |
|           | NOV. | 59.2   | 48.2          | 76.6                    | 116.7    | 64.3 78.3                              |
|           | DIC. | 59.1   | 49.0          | 72.8                    | 105.4    | 63.6 79.8                              |
| 2004      | ENE. | 57.1   | 51.2          | 72.7                    | 104.7    | 59.8 62.4                              |
|           | FEB. | 58.2   | 53.1          | 75.0                    | 103.9    | 58.3 61.9                              |
|           | MAR. | 59.0   | 54.6          | 74.4                    | 104.7    | 58.3 62.9                              |
|           | ABR. | 60.4   | 57.1          | 73.1                    | 103.2    | 58.0 65.0                              |
|           | MAY. | 62.5   | 60.6          | 72.9                    | 103.8    | 58.5 66.4                              |
|           | JUN. | 62.3   | 59.5          | 75.0                    | 95.4     | 58.6 67.7                              |
|           | JUL. | 63.3   | 61.7          | 74.2                    | 92.3     | 59.2 67.0                              |
|           | AGO. | 64.1   | 64.8          | 72.7                    | 87.0     | 59.0 62.6                              |
|           | SET. | 67.1   | 69.7          | 72.6                    | 103.0    | 59.2 63.6                              |
|           | OCT. | 67.2   | 69.1          | 72.1                    | 103.0    | 60.6 64.6                              |
|           | NOV. | 69.8   | 71.0          | 74.6                    | 98.5     | 62.7 70.2                              |
|           | DIC. | 69.7   | 71.9          | 72.7                    | 95.4     | 63.0 69.3                              |
| 2005      | ENE. | 68.1   | 70.9          | 74.7                    | 95.4     | 62.0 61.1                              |
|           | FEB. | 72.2   | 71.7          | 102.0                   | 93.9     | 63.2 54.6                              |
|           | MAR. | 74.7   | 73.1          | 101.8                   | 161.3    | 63.3 59.0                              |
|           | ABR. | 75.5   | 73.4          | 99.2                    | 157.0    | 63.7 64.7                              |
|           | MAY. | 76.7   | 77.3          | 100.5                   | 109.5    | 63.3 65.1                              |
|           | JUN. | 77.9   | 77.8          | 104.7                   | 104.0    | 64.3 65.8                              |
|           | JUL. | 78.7   | 79.9          | 106.3                   | 93.7     | 63.1 65.4                              |
|           | AGO. | 74.8   | 79.1          | 83.4                    | 102.6    | 64.4 65.6                              |
|           | SET. | 75.1   | 79.7          | 81.0                    | 101.2    | 64.8 67.8                              |
|           | OCT. | 76.0   | 80.0          | 83.3                    | 108.8    | 65.1 68.8                              |
|           | NOV. | 76.8   | 80.4          | 84.3                    | 121.9    | 65.2 69.9                              |
|           | DIC. | 76.7   | 81.3          | 81.8                    | 117.1    | 65.6 69.6                              |
| 2006      | ENE. | 75.2   | 80.6          | 80.9                    | 104.7    | 65.5 64.7                              |
|           | FEB. | 76.8   | 82.4          | 84.5                    | 91.2     | 65.7 67.3                              |
|           | MAR. | 78.3   | 83.2          | 84.0                    | 94.5     | 68.0 70.9                              |
|           | ABR. | 79.8   | 83.6          | 84.1                    | 94.5     | 69.4 77.2                              |
|           | MAY. | 81.1   | 85.3          | 85.2                    | 109.6    | 69.9 77.1                              |
|           | JUN. | 82.5   | 86.1          | 86.5                    | 108.7    | 71.7 79.8                              |
|           | JUL. | 83.3   | 86.4          | 90.5                    | 96.7     | 76.0 78.2                              |
|           | AGO. | 83.6   | 86.0          | 92.4                    | 96.7     | 77.2 79.3                              |
|           | SET. | 85.4   | 87.9          | 93.7                    | 96.7     | 80.1 80.0                              |
|           | OCT. | 87.0   | 89.9          | 93.2                    | 97.6     | 81.8 81.1                              |
|           | NOV. | 95.6   | 90.7          | 92.9                    | 118.8    | 82.8 122.1                             |
|           | DIC. | 91.3   | 92.4          | 97.2                    | 119.7    | 83.0 92.3                              |
| 2007      | ENE. | 89.7   | 92.9          | 96.7                    | 118.8    | 83.3 82.2                              |
|           | FEB. | 91.5   | 97.7          | 96.4                    | 104.8    | 85.5 77.2                              |
|           | MAR. | 91.3   | 95.8          | 94.3                    | 107.7    | 86.5 80.5                              |
|           | ABR. | 92.0   | 96.0          | 92.9                    | 86.6     | 86.9 85.6                              |
|           | MAY. | 93.4   | 96.3          | 91.9                    | 88.0     | 89.2 90.0                              |
|           | JUN. | 93.2   | 96.0          | 94.5                    | 104.1    | 89.6 86.9                              |
|           | JUL. | 92.9   | 96.8          | 94.7                    | 103.5    | 87.5 85.3                              |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                           |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2008 AGO. | 91.0   | 93.2          | 101.1                   | 107.8    | 88.7                      | 82.4         |
| SET.      | 90.9   | 94.0          | 100.6                   | 97.8     | 88.5                      | 80.6         |
| OCT.      | 91.1   | 94.2          | 100.2                   | 81.6     | 88.9                      | 82.8         |
| NOV.      | 91.5   | 94.3          | 102.0                   | 81.6     | 88.1                      | 84.8         |
| DIC.      | 91.9   | 95.0          | 100.6                   | 86.9     | 89.0                      | 83.7         |
| 2008 ENE. | 89.8   | 94.7          | 97.7                    | 93.9     | 89.4                      | 73.1         |
| FEB.      | 89.1   | 95.8          | 94.8                    | 88.1     | 89.0                      | 69.2         |
| MAR.      | 90.0   | 95.7          | 97.5                    | 93.3     | 90.2                      | 71.5         |
| ABR.      | 90.9   | 94.9          | 94.8                    | 93.9     | 90.4                      | 79.0         |
| MAY.      | 91.6   | 95.5          | 92.8                    | 89.2     | 91.0                      | 81.7         |
| JUN.      | 91.3   | 95.1          | 97.5                    | 81.1     | 90.7                      | 80.7         |
| JUL.      | 92.2   | 96.0          | 99.7                    | 97.1     | 89.8                      | 81.4         |
| AGO.      | 92.4   | 96.2          | 97.8                    | 97.6     | 90.8                      | 81.2         |
| SET.      | 93.2   | 95.2          | 100.2                   | 100.5    | 93.5                      | 84.3         |
| OCT.      | 93.5   | 96.4          | 96.3                    | 90.1     | 92.8                      | 85.4         |
| NOV.      | 91.1   | 92.2          | 95.8                    | 88.3     | 92.8                      | 84.6         |
| DIC.      | 92.8   | 95.8          | 96.1                    | 88.9     | 91.3                      | 85.1         |
| 2009 ENE. | 89.2   | 93.0          | 92.7                    | 82.5     | 88.2                      | 79.8         |
| FEB.      | 87.7   | 91.2          | 88.3                    | 88.3     | 87.9                      | 77.5         |
| MAR.      | 88.2   | 90.5          | 93.3                    | 89.5     | 86.5                      | 81.7         |
| ABR.      | 88.9   | 88.8          | 95.4                    | 89.5     | 87.0                      | 87.9         |
| MAY.      | 90.2   | 89.4          | 105.9                   | 86.0     | 88.9                      | 88.1         |
| JUN.      | 89.9   | 87.3          | 103.2                   | 90.7     | 89.9                      | 90.7         |
| JUL.      | 91.0   | 88.6          | 105.1                   | 100.0    | 90.5                      | 91.0         |
| AGO.      | 90.0   | 87.8          | 108.8                   | 95.6     | 88.2                      | 90.3         |
| SET.      | 90.9   | 89.4          | 106.5                   | 92.9     | 88.5                      | 91.4         |
| OCT.      | 91.8   | 91.6          | 110.6                   | 95.1     | 89.1                      | 88.7         |
| NOV.      | 92.4   | 92.7          | 109.1                   | 94.5     | 89.7                      | 88.5         |
| DIC.      | 93.1   | 93.4          | 107.3                   | 102.2    | 89.3                      | 90.0         |
| 2010 ENE. | 89.4   | 93.2          | 96.9                    | 94.5     | 85.9                      | 81.0         |
| FEB.      | 90.3   | 94.3          | 93.1                    | 91.6     | 89.5                      | 81.4         |
| MAR.      | 93.6   | 95.7          | 96.6                    | 92.0     | 91.9                      | 89.8         |
| ABR.      | 94.2   | 96.9          | 94.3                    | 91.6     | 91.8                      | 90.5         |
| MAY.      | 97.2   | 97.3          | 121.3                   | 90.1     | 97.7                      | 90.5         |
| JUN.      | 96.4   | 97.6          | 111.3                   | 91.6     | 89.9                      | 95.1         |
| JUL.      | 98.6   | 98.4          | 119.3                   | 91.2     | 97.1                      | 95.0         |
| AGO.      | 99.5   | 99.0          | 117.6                   | 100.4    | 97.2                      | 96.8         |
| SET.      | 99.9   | 99.6          | 106.8                   | 101.1    | 99.4                      | 98.8         |
| OCT.      | 100.0  | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 99.8   | 100.7         | 96.4                    | 97.1     | 100.6                     | 98.7         |
| DIC.      | 100.8  | 103.4         | 92.9                    | 96.7     | 100.6                     | 98.1         |
| 2011 ENE. | 99.8   | 105.0         | 92.4                    | 106.9    | 99.1                      | 90.6         |
| FEB.      | 99.9   | 105.4         | 92.7                    | 105.8    | 99.7                      | 89.8         |
| MAR.      | 102.3  | 106.9         | 90.3                    | 105.4    | 102.1                     | 95.7         |
| ABR.      | 105.0  | 108.6         | 102.4                   | 106.9    | 103.6                     | 98.9         |
| MAY.      | 106.1  | 108.3         | 108.4                   | 107.2    | 102.5                     | 103.7        |
| JUN.      | 107.7  | 108.7         | 113.0                   | 107.6    | 106.2                     | 105.5        |
| JUL.      | 111.0  | 113.3         | 115.4                   | 108.3    | 104.9                     | 110.0        |
| AGO.      | 110.1  | 112.2         | 114.1                   | 109.1    | 104.9                     | 108.7        |
| SET.      | 109.4  | 112.4         | 106.1                   | 110.6    | 107.5                     | 105.3        |
| OCT.      | 111.9  | 116.4         | 104.8                   | 116.5    | 108.9                     | 106.0        |
| NOV.      | 107.7  | 112.5         | 87.4                    | 107.1    | 105.2                     | 105.7        |
| DIC.      | 106.8  | 110.9         | 82.8                    | 112.0    | 105.8                     | 105.4        |
| 2012 ENE. | 103.1  | 109.5         | 72.2                    | 107.5    | 103.4                     | 97.6         |
| FEB.      | 101.7  | 108.4         | 69.2                    | 109.4    | 100.6                     | 96.8         |

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ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                           |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAR.      | 103.6  | 108.9         | 73.3                    | 117.1    | 99.0                      | 103.2        |
| ABR.      | 102.0  | 106.5         | 70.9                    | 111.6    | 99.2                      | 102.7        |
| MAY.      | 102.4  | 105.4         | 73.7                    | 113.5    | 99.6                      | 105.4        |
| JUN.      | 103.3  | 105.8         | 71.3                    | 116.9    | 100.1                     | 108.1        |
| JUL.      | 102.9  | 105.1         | 72.3                    | 113.9    | 98.7                      | 109.1        |
| AGO.      | 102.2  | 105.0         | 71.3                    | 117.0    | 97.3                      | 107.0        |
| SET.      | 102.0  | 105.5         | 71.5                    | 115.0    | 97.0                      | 105.9        |
| OCT.      | 102.4  | 105.1         | 71.5                    | 116.6    | 98.4                      | 106.7        |
| NOV.      | 101.7  | 105.0         | 61.5                    | 120.3    | 98.0                      | 106.3        |
| DIC.      | 102.6  | 106.1         | 63.1                    | 125.2    | 99.1                      | 105.9        |
| 2013 ENE. | 99.4   | 104.3         | 63.1                    | 122.3    | 99.8                      | 95.2         |
| FEB.      | 98.5   | 103.8         | 63.0                    | 124.1    | 99.7                      | 92.1         |
| MAR.      | 98.4   | 101.0         | 66.9                    | 120.5    | 99.4                      | 97.3         |
| ABR.      | 97.3   | 98.4          | 65.4                    | 117.1    | 98.1                      | 100.1        |
| MAY.      | 97.1   | 97.2          | 65.3                    | 120.8    | 98.4                      | 101.0        |
| JUN.      | 94.3   | 95.9          | 55.5                    | 117.8    | 92.4                      | 99.7         |
| JUL.      | 93.8   | 95.0          | 55.5                    | 112.5    | 91.9                      | 101.0        |
| AGO.      | 94.3   | 96.2          | 56.4                    | 111.6    | 92.6                      | 100.0        |
| SET.      | 94.5   | 97.0          | 59.2                    | 113.7    | 92.2                      | 97.9         |
| OCT.      | 94.2   | 97.2          | 59.6                    | 110.5    | 91.3                      | 97.7         |
| NOV.      | 97.7   | 97.0          | 58.2                    | 116.0    | 91.2                      | 113.3        |
| DIC.      | 98.1   | 97.2          | 60.1                    | 111.1    | 91.4                      | 115.0        |
| 2014 ENE. | 96.7   | 103.8         | 56.7                    | 117.1    | 93.6                      | 92.3         |
| FEB.      | 95.6   | 102.9         | 57.8                    | 115.8    | 91.5                      | 90.7         |
| MAR.      | 95.9   | 102.6         | 60.4                    | 124.3    | 91.9                      | 89.6         |
| ABR.      | 94.6   | 97.5          | 61.4                    | 123.1    | 91.6                      | 94.9         |
| MAY.      | 93.4   | 96.5          | 60.6                    | 120.0    | 87.6                      | 95.9         |
| JUN.      | 94.1   | 96.3          | 62.8                    | 120.3    | 87.3                      | 99.3         |
| JUL.      | 94.9   | 97.0          | 64.7                    | 120.7    | 87.3                      | 100.9        |
| AGO.      | 95.5   | 98.3          | 63.2                    | 119.3    | 88.4                      | 100.4        |
| SET.      | 94.1   | 96.0          | 64.5                    | 121.8    | 87.6                      | 99.4         |
| OCT.      | 94.5   | 96.9          | 63.7                    | 113.2    | 89.4                      | 99.5         |
| NOV.      | 94.1   | 95.9          | 64.1                    | 112.4    | 89.3                      | 100.2        |
| DIC.      | 94.0   | 95.9          | 64.7                    | 112.8    | 89.2                      | 99.6         |
| 2015 ENE. | 92.2   | 95.4          | 62.4                    | 108.9    | 89.4                      | 93.6         |
| FEB.      | 90.1   | 93.0          | 59.8                    | 131.4    | 85.7                      | 88.0         |
| MAR.      | 88.1   | 89.8          | 60.2                    | 132.5    | 85.4                      | 85.6         |
| ABR.      | 83.6   | 87.8          | 60.0                    | 111.1    | 72.9                      | 85.4         |
| MAY.      | 82.9   | 87.7          | 60.6                    | 111.5    | 70.7                      | 84.3         |
| JUN.      | 82.6   | 86.7          | 58.9                    | 111.7    | 70.7                      | 85.4         |
| JUL.      | 82.5   | 86.7          | 58.9                    | 109.9    | 70.2                      | 85.7         |
| AGO.      | 81.3   | 85.5          | 63.2                    | 107.4    | 69.2                      | 83.5         |
| SET.      | 76.8   | 76.5          | 63.2                    | 109.0    | 68.2                      | 82.7         |
| OCT.      | 75.3   | 73.6          | 63.7                    | 111.8    | 67.7                      | 82.1         |
| NOV.      | 76.0   | 73.2          | 64.1                    | 112.0    | 67.5                      | 86.0         |
| DIC.      | 76.0   | 72.9          | 63.9                    | 113.9    | 68.0                      | 85.7         |
| 2016 ENE. | 76.9   | 72.0          | 62.8                    | 154.7    | 67.8                      | 83.9         |
| FEB.      | 76.4   | 72.1          | 62.2                    | 159.4    | 67.9                      | 80.8         |
| MAR.      | 75.3   | 73.5          | 62.8                    | 128.8    | 67.4                      | 80.0         |
| ABR.      | 75.7   | 71.9          | 63.0                    | 141.1    | 66.1                      | 82.9         |
| MAY.      | 74.3   | 68.6          | 62.8                    | 138.0    | 66.0                      | 84.1         |
| JUN.      | 73.6   | 67.8          | 65.5                    | 139.0    | 67.3                      | 80.6         |
| JUL.      | 73.0   | 67.8          | 69.4                    | 141.7    | 67.1                      | 76.7         |
| AGO.      | 73.3   | 68.0          | 69.6                    | 142.1    | 67.5                      | 77.3         |
| SET.      | 68.9   | 58.7          | 66.1                    | 140.7    | 66.7                      | 78.5         |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                           |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017      |        |               |                         |          |                           |              |
| OCT.      | 67.5   | 59.1          | 66.3                    | 138.0    | 58.5                      | 79.3         |
| NOV.      | 67.8   | 59.9          | 66.1                    | 138.0    | 57.7                      | 79.9         |
| DIC.      | 68.1   | 60.4          | 65.9                    | 138.4    | 57.9                      | 79.9         |
| ENE.      | 65.1   | 60.1          | 65.7                    | 133.6    | 56.9                      | 69.6         |
| FEB.      | 65.5   | 60.1          | 66.5                    | 134.6    | 56.9                      | 71.0         |
| MAR.      | 65.6   | 60.3          | 66.3                    | 136.1    | 57.2                      | 70.6         |
| ABR.      | 64.0   | 60.4          | 65.1                    | 134.6    | 50.5                      | 69.7         |
| MAY.      | 65.3   | 60.4          | 64.9                    | 138.1    | 50.7                      | 74.1         |
| JUN.      | 65.7   | 60.9          | 64.1                    | 139.1    | 51.2                      | 74.5         |
| JUL.      | 66.5   | 62.0          | 64.1                    | 142.9    | 51.3                      | 75.0         |
| AGO.      | 63.6   | 60.9          | 61.1                    | 142.1    | 50.9                      | 65.9         |
| SET.      | 63.6   | 61.2          | 60.3                    | 147.9    | 49.0                      | 65.9         |
| OCT.      | 64.0   | 62.0          | 59.4                    | 147.1    | 49.0                      | 66.5         |
| NOV.      | 63.9   | 61.9          | 58.0                    | 145.1    | 48.7                      | 67.2         |
| DIC.      | 64.5   | 63.1          | 58.0                    | 145.3    | 49.0                      | 67.3         |
| 2018      |        |               |                         |          |                           |              |
| ENE.      | 63.1   | 62.7          | 57.2                    | 141.7    | 49.1                      | 63.1         |
| FEB.      | 62.5   | 62.6          | 56.0                    | 144.1    | 47.9                      | 61.5         |
| MAR.      | 62.8   | 62.6          | 55.4                    | 144.1    | 48.5                      | 62.2         |
| ABR.      | 64.0   | 63.3          | 59.6                    | 145.1    | 49.0                      | 64.6         |
| MAY.      | 64.8   | 65.3          | 62.1                    | 142.7    | 47.8                      | 65.2         |
| JUN.      | 64.2   | 64.0          | 61.1                    | 143.1    | 47.8                      | 65.3         |
| JUL.      | 64.3   | 64.7          | 61.7                    | 144.3    | 48.1                      | 63.5         |
| AGO.      | 63.4   | 64.8          | 61.1                    | 140.3    | 47.5                      | 60.9         |
| SET.      | 63.1   | 64.0          | 59.8                    | 140.7    | 47.6                      | 61.4         |
| OCT.      | 63.2   | 62.4          | 73.6                    | 139.5    | 47.6                      | 61.8         |
| NOV.      | 62.9   | 62.4          | 71.4                    | 139.3    | 48.2                      | 60.8         |
| DIC.      | 62.8   | 62.0          | 71.7                    | 143.3    | 47.6                      | 60.6         |
| 2019      |        |               |                         |          |                           |              |
| ENE.      | 60.6   | 61.1          | 71.4                    | 137.3    | 47.5                      | 54.6         |
| FEB.      | 60.8   | 62.6          | 70.9                    | 138.1    | 46.6                      | 53.1         |
| MAR.      | 61.9   | 63.9          | 70.6                    | 135.6    | 47.3                      | 55.3         |
| ABR.      | 62.2   | 64.0          | 69.8                    | 135.6    | 47.6                      | 56.1         |
| MAY.      | 63.4   | 65.2          | 68.7                    | 138.1    | 47.7                      | 58.6         |
| JUN.      | 63.0   | 64.1          | 67.4                    | 137.3    | 47.9                      | 59.0         |
| JUL.      | 63.4   | 64.5          | 68.7                    | 142.3    | 47.7                      | 58.8         |
| AGO.      | 63.3   | 64.8          | 66.7                    | 143.6    | 47.2                      | 58.0         |
| SET.      | 63.1   | 63.4          | 66.7                    | 146.0    | 46.6                      | 59.7         |
| OCT.      | 62.7   | 63.1          | 66.9                    | 144.6    | 46.2                      | 59.3         |
| NOV. P/   | 63.1   | 62.6          | 73.8                    | 150.2    | 46.0                      | 59.8         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                                 |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| 2003 ENE. | 57.7   | 60.1          | 68.2                    | 137.5    | 122.4                           | 41.6         |
| FEB.      | 57.9   | 61.6          | 66.0                    | 137.5    | 119.8                           | 41.9         |
| MAR.      | 57.9   | 62.4          | 66.0                    | 119.9    | 121.6                           | 43.3         |
| ABR.      | 64.6   | 63.2          | 64.8                    | 108.2    | 127.6                           | 56.8         |
| MAY.      | 65.2   | 61.3          | 63.7                    | 107.2    | 127.6                           | 59.7         |
| JUN.      | 62.8   | 55.6          | 63.7                    | 110.1    | 132.8                           | 57.2         |
| JUL.      | 68.7   | 55.9          | 63.7                    | 112.0    | 127.6                           | 70.7         |
| AGO.      | 68.4   | 55.9          | 63.7                    | 112.8    | 127.6                           | 69.9         |
| SET.      | 67.6   | 55.8          | 60.6                    | 111.2    | 128.5                           | 68.6         |
| OCT.      | 66.3   | 54.9          | 60.6                    | 103.9    | 125.0                           | 68.2         |
| NOV.      | 66.6   | 53.4          | 62.7                    | 116.7    | 130.2                           | 66.3         |
| DIC.      | 65.2   | 53.0          | 62.7                    | 105.4    | 124.2                           | 66.5         |
| 2004 ENE. | 61.6   | 52.9          | 61.6                    | 104.7    | 118.1                           | 58.6         |
| FEB.      | 61.6   | 53.4          | 62.7                    | 103.9    | 122.4                           | 57.3         |
| MAR.      | 63.1   | 55.6          | 61.6                    | 104.7    | 124.2                           | 58.9         |
| ABR.      | 68.3   | 64.3          | 58.5                    | 103.2    | 131.1                           | 63.9         |
| MAY.      | 68.1   | 62.7          | 56.4                    | 103.8    | 127.7                           | 65.9         |
| JUN.      | 68.2   | 62.5          | 53.2                    | 95.4     | 132.5                           | 67.5         |
| JUL.      | 67.8   | 62.7          | 46.8                    | 92.3     | 137.3                           | 67.0         |
| AGO.      | 67.1   | 67.7          | 32.7                    | 87.0     | 138.2                           | 65.7         |
| SET.      | 67.5   | 65.8          | 31.5                    | 103.0    | 139.8                           | 65.0         |
| OCT.      | 70.0   | 70.2          | 30.6                    | 103.0    | 145.1                           | 67.2         |
| NOV.      | 75.9   | 72.5          | 47.9                    | 98.5     | 152.0                           | 74.7         |
| DIC.      | 75.2   | 71.8          | 42.1                    | 95.4     | 151.5                           | 76.3         |
| 2005 ENE. | 68.6   | 68.8          | 45.2                    | 95.4     | 148.3                           | 59.1         |
| FEB.      | 65.1   | 71.9          | 49.2                    | 93.9     | 154.1                           | 44.6         |
| MAR.      | 74.4   | 75.8          | 52.0                    | 161.3    | 152.1                           | 52.4         |
| ABR.      | 79.5   | 77.3          | 51.6                    | 157.0    | 152.6                           | 65.5         |
| MAY.      | 76.6   | 75.1          | 51.9                    | 109.5    | 147.6                           | 70.8         |
| JUN.      | 77.7   | 77.1          | 51.2                    | 104.0    | 157.2                           | 71.1         |
| JUL.      | 78.2   | 83.9          | 56.1                    | 93.7     | 146.5                           | 69.5         |
| AGO.      | 81.4   | 88.5          | 57.6                    | 102.6    | 153.8                           | 70.2         |
| SET.      | 82.4   | 89.9          | 57.6                    | 101.2    | 153.2                           | 72.5         |
| OCT.      | 83.2   | 88.5          | 56.9                    | 108.8    | 153.8                           | 74.2         |
| NOV.      | 84.9   | 85.5          | 59.1                    | 121.9    | 151.4                           | 77.6         |
| DIC.      | 85.1   | 88.2          | 59.5                    | 117.1    | 151.4                           | 77.2         |
| 2006 ENE. | 77.6   | 88.2          | 56.9                    | 104.7    | 145.3                           | 62.9         |
| FEB.      | 72.7   | 89.7          | 56.9                    | 91.2     | 145.3                           | 52.8         |
| MAR.      | 76.7   | 88.2          | 54.2                    | 94.5     | 151.4                           | 62.9         |
| ABR.      | 82.7   | 88.9          | 54.2                    | 94.5     | 150.8                           | 78.9         |
| MAY.      | 86.8   | 88.7          | 51.9                    | 109.6    | 152.0                           | 87.7         |
| JUN.      | 86.6   | 89.9          | 51.4                    | 108.7    | 157.1                           | 85.6         |
| JUL.      | 86.5   | 89.9          | 51.9                    | 96.7     | 168.9                           | 84.5         |
| AGO.      | 85.9   | 86.5          | 54.5                    | 96.7     | 171.5                           | 83.2         |
| SET.      | 87.7   | 87.8          | 53.5                    | 96.7     | 179.5                           | 85.2         |
| OCT.      | 89.1   | 89.1          | 55.0                    | 97.6     | 182.2                           | 86.4         |
| NOV.      | 90.0   | 90.5          | 55.0                    | 118.8    | 188.2                           | 82.1         |
| DIC.      | 92.2   | 92.9          | 55.5                    | 119.7    | 190.2                           | 85.6         |
| 2007 ENE. | 85.7   | 91.5          | 55.0                    | 118.8    | 203.6                           | 67.4         |
| FEB.      | 79.9   | 95.0          | 54.5                    | 104.8    | 209.6                           | 54.6         |
| MAR.      | 83.1   | 91.2          | 54.0                    | 107.7    | 223.0                           | 60.2         |
| ABR.      | 88.2   | 92.1          | 52.3                    | 86.6     | 226.3                           | 76.6         |
| MAY.      | 89.5   | 89.1          | 50.2                    | 88.0     | 247.9                           | 77.9         |
| JUN.      | 94.1   | 89.5          | 51.4                    | 104.1    | 253.3                           | 82.6         |
| JUL.      | 92.0   | 95.2          | 54.0                    | 103.5    | 209.1                           | 81.7         |
| AGO.      | 91.6   | 93.6          | 53.6                    | 107.8    | 210.2                           | 80.0         |
| SET.      | 89.8   | 91.7          | 54.4                    | 97.8     | 197.3                           | 81.5         |
| OCT.      | 89.4   | 92.5          | 54.4                    | 81.6     | 196.1                           | 85.1         |
| NOV.      | 89.4   | 93.6          | 53.7                    | 81.6     | 195.0                           | 84.9         |
| DIC.      | 89.7   | 95.2          | 53.7                    | 86.9     | 190.7                           | 84.4         |
| 2008 ENE. | 80.3   | 98.2          | 51.9                    | 93.9     | 186.4                           | 60.4         |
| FEB.      | 74.0   | 102.8         | 51.5                    | 88.1     | 183.1                           | 48.1         |
| MAR.      | 83.3   | 102.8         | 54.1                    | 93.3     | 183.1                           | 66.1         |
| ABR.      | 90.4   | 101.3         | 52.6                    | 93.9     | 183.1                           | 85.1         |
| MAY.      | 90.0   | 99.4          | 51.9                    | 89.2     | 174.5                           | 88.6         |
| JUN.      | 87.7   | 99.0          | 51.5                    | 81.1     | 176.7                           | 85.5         |
| JUL.      | 91.3   | 97.0          | 53.3                    | 97.1     | 176.7                           | 89.4         |
| AGO.      | 91.5   | 98.1          | 54.4                    | 97.6     | 178.8                           | 88.3         |
| SET.      | 95.9   | 100.0         | 59.8                    | 100.5    | 182.1                           | 93.6         |
| OCT.      | 95.6   | 101.5         | 61.7                    | 90.1     | 179.9                           | 94.7         |
| NOV.      | 93.2   | 100.0         | 59.8                    | 88.3     | 178.8                           | 91.4         |
| DIC.      | 94.2   | 100.4         | 61.3                    | 88.9     | 177.8                           | 92.7         |
| 2009 ENE. | 84.1   | 98.5          | 57.2                    | 82.5     | 148.3                           | 79.2         |
| FEB.      | 79.2   | 100.0         | 51.9                    | 88.3     | 141.4                           | 70.0         |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                                 |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| MAR.      | 85.0   | 99.3          | 57.5                    | 89.5     | 146.3                           | 79.3         |
| ABR.      | 92.5   | 97.6          | 57.9                    | 89.5     | 143.4                           | 96.8         |
| MAY.      | 95.0   | 96.1          | 76.7                    | 86.0     | 140.5                           | 96.6         |
| JUN.      | 96.0   | 98.7          | 72.3                    | 90.7     | 141.4                           | 97.4         |
| JUL.      | 97.5   | 96.8          | 72.3                    | 100.0    | 137.5                           | 99.4         |
| AGO.      | 97.7   | 95.8          | 81.2                    | 95.6     | 136.5                           | 99.4         |
| SET.      | 98.7   | 98.5          | 81.8                    | 92.9     | 135.5                           | 101.1        |
| OCT.      | 99.2   | 99.5          | 85.1                    | 95.1     | 134.6                           | 100.5        |
| NOV.      | 98.1   | 99.1          | 89.6                    | 94.5     | 126.7                           | 98.5         |
| DIC.      | 98.4   | 99.5          | 84.4                    | 102.2    | 125.9                           | 98.2         |
| 2010 ENE. | 85.0   | 98.3          | 77.5                    | 94.5     | 124.9                           | 72.6         |
| FEB.      | 84.9   | 98.3          | 76.7                    | 91.6     | 125.9                           | 73.4         |
| MAR.      | 95.6   | 99.3          | 97.6                    | 92.0     | 107.4                           | 92.3         |
| ABR.      | 99.8   | 99.8          | 95.9                    | 91.6     | 107.4                           | 102.9        |
| MAY.      | 99.7   | 100.0         | 101.8                   | 90.1     | 100.5                           | 102.2        |
| JUN.      | 99.7   | 99.8          | 102.6                   | 91.6     | 98.6                            | 101.8        |
| JUL.      | 98.3   | 99.3          | 99.4                    | 91.2     | 98.6                            | 99.7         |
| AGO.      | 98.8   | 98.4          | 92.9                    | 100.4    | 98.6                            | 99.9         |
| SET.      | 99.9   | 99.5          | 94.8                    | 101.1    | 100.0                           | 100.8        |
| OCT.      | 100.0  | 100.0         | 100.0                   | 100.0    | 100.0                           | 100.0        |
| NOV.      | 98.4   | 100.5         | 100.6                   | 97.1     | 102.1                           | 96.4         |
| DIC.      | 97.6   | 98.9          | 105.1                   | 96.7     | 102.1                           | 94.7         |
| 2011 ENE. | 91.5   | 98.4          | 100.0                   | 106.9    | 106.4                           | 77.5         |
| FEB.      | 91.1   | 104.1         | 103.4                   | 105.8    | 107.9                           | 73.3         |
| MAR.      | 97.5   | 104.6         | 107.8                   | 105.4    | 112.9                           | 85.7         |
| ABR.      | 99.8   | 101.1         | 104.4                   | 106.9    | 121.4                           | 91.8         |
| MAY.      | 102.5  | 100.9         | 104.4                   | 107.2    | 123.6                           | 98.2         |
| JUN.      | 106.9  | 104.9         | 103.4                   | 107.6    | 167.1                           | 98.2         |
| JUL.      | 108.6  | 107.9         | 103.4                   | 108.3    | 160.1                           | 101.0        |
| AGO.      | 106.8  | 107.7         | 97.6                    | 109.1    | 167.1                           | 97.5         |
| SET.      | 106.7  | 107.4         | 90.3                    | 110.6    | 174.2                           | 98.0         |
| OCT.      | 107.0  | 108.1         | 87.4                    | 116.5    | 167.1                           | 97.7         |
| NOV.      | 105.7  | 107.9         | 94.2                    | 107.1    | 160.1                           | 97.2         |
| DIC.      | 107.1  | 109.1         | 93.2                    | 112.0    | 162.9                           | 98.0         |
| 2012 ENE. | 96.0   | 106.7         | 90.8                    | 107.5    | 153.0                           | 77.4         |
| FEB.      | 97.3   | 112.3         | 85.0                    | 109.4    | 155.8                           | 77.8         |
| MAR.      | 106.4  | 114.3         | 82.5                    | 117.1    | 153.0                           | 95.1         |
| ABR.      | 103.3  | 107.6         | 77.2                    | 111.6    | 160.1                           | 94.6         |
| MAY.      | 104.2  | 104.7         | 81.7                    | 113.5    | 155.8                           | 96.4         |
| JUN.      | 107.7  | 108.6         | 81.2                    | 114.9    | 158.7                           | 101.3        |
| JUL.      | 107.0  | 106.8         | 83.4                    | 110.2    | 160.1                           | 101.8        |
| AGO.      | 105.8  | 100.8         | 79.1                    | 115.1    | 165.7                           | 101.3        |
| SET.      | 107.3  | 106.5         | 77.8                    | 116.1    | 165.7                           | 101.5        |
| OCT.      | 107.7  | 102.8         | 79.9                    | 118.6    | 165.7                           | 103.1        |
| NOV.      | 108.6  | 105.2         | 76.1                    | 124.5    | 165.7                           | 102.8        |
| DIC.      | 110.6  | 104.4         | 78.7                    | 128.1    | 165.7                           | 105.3        |
| 2013 ENE. | 97.0   | 96.6          | 79.1                    | 126.3    | 148.7                           | 81.5         |
| FEB.      | 96.0   | 96.4          | 78.7                    | 129.1    | 145.9                           | 78.9         |
| MAR.      | 100.4  | 95.9          | 80.9                    | 123.5    | 144.5                           | 89.9         |
| ABR.      | 105.0  | 99.4          | 76.8                    | 122.4    | 140.2                           | 100.1        |
| MAY.      | 107.4  | 98.9          | 76.8                    | 128.3    | 140.2                           | 103.7        |
| JUN.      | 108.8  | 101.5         | 76.8                    | 129.1    | 140.2                           | 105.3        |
| JUL.      | 109.6  | 103.7         | 76.4                    | 121.6    | 140.2                           | 108.9        |
| AGO.      | 110.0  | 104.2         | 79.6                    | 119.4    | 140.2                           | 109.3        |
| SET.      | 109.3  | 105.0         | 80.9                    | 122.7    | 127.5                           | 106.8        |
| OCT.      | 110.9  | 108.0         | 83.2                    | 125.0    | 131.5                           | 106.6        |
| NOV.      | 112.2  | 107.2         | 80.9                    | 133.7    | 131.5                           | 107.1        |
| DIC.      | 110.5  | 107.2         | 81.8                    | 123.6    | 130.5                           | 107.4        |
| 2014 ENE. | 104.8  | 105.7         | 76.8                    | 127.1    | 122.5                           | 95.6         |
| FEB.      | 106.2  | 107.2         | 79.8                    | 125.0    | 122.5                           | 98.2         |
| MAR.      | 109.2  | 107.2         | 84.4                    | 143.2    | 122.5                           | 95.6         |
| ABR.      | 111.8  | 108.7         | 85.3                    | 141.6    | 122.5                           | 101.3        |
| MAY.      | 111.3  | 108.7         | 84.4                    | 136.6    | 121.8                           | 102.4        |
| JUN.      | 112.9  | 111.6         | 84.4                    | 137.0    | 121.0                           | 104.9        |
| JUL.      | 116.5  | 114.0         | 87.1                    | 137.7    | 122.5                           | 110.8        |
| AGO.      | 116.0  | 113.4         | 84.8                    | 138.1    | 121.0                           | 110.8        |
| SET.      | 114.9  | 113.7         | 83.5                    | 136.9    | 111.6                           | 111.0        |
| OCT.      | 112.8  | 112.1         | 82.6                    | 125.4    | 110.2                           | 112.1        |
| NOV.      | 112.2  | 112.1         | 81.2                    | 124.0    | 110.2                           | 111.9        |
| DIC.      | 112.5  | 111.1         | 82.6                    | 124.7    | 110.2                           | 112.3        |
| 2015 ENE. | 105.4  | 109.8         | 78.5                    | 120.3    | 113.1                           | 98.3         |
| FEB.      | 101.1  | 109.1         | 75.3                    | 119.0    | 108.7                           | 90.8         |
| MAR.      | 101.7  | 109.6         | 70.2                    | 120.7    | 106.5                           | 93.1         |
| ABR.      | 103.1  | 109.8         | 70.2                    | 120.3    | 106.5                           | 96.4         |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |          |                                 |              |
|-----------|--------|---------------|-------------------------|----------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio | Transp.,<br>almac., y<br>comun. | Servicios 2/ |
| MAY.      | 104.6  | 113.2         | 71.6                    | 123.0    | 103.6                           | 97.3         |
| JUN.      | 105.4  | 112.7         | 69.3                    | 123.4    | 103.6                           | 100.2        |
| JUL.      | 106.1  | 113.0         | 69.8                    | 123.4    | 102.9                           | 101.6        |
| AGO.      | 103.2  | 107.0         | 69.3                    | 120.8    | 100.7                           | 99.6         |
| SET.      | 103.0  | 108.0         | 69.3                    | 125.6    | 96.4                            | 97.3         |
| OCT.      | 103.3  | 109.8         | 70.7                    | 130.0    | 83.3                            | 97.3         |
| NOV.      | 105.0  | 112.5         | 72.0                    | 132.7    | 83.3                            | 98.4         |
| DIC.      | 105.2  | 112.5         | 71.6                    | 135.8    | 83.3                            | 97.8         |
| 2016 ENE. | 104.0  | 111.9         | 70.2                    | 139.6    | 82.6                            | 94.7         |
| FEB.      | 102.8  | 115.8         | 69.8                    | 147.3    | 81.2                            | 87.5         |
| MAR.      | 102.1  | 114.8         | 62.5                    | 144.8    | 79.7                            | 89.6         |
| ABR.      | 104.7  | 114.3         | 63.3                    | 136.7    | 81.2                            | 97.7         |
| MAY.      | 105.6  | 109.2         | 64.2                    | 133.0    | 79.0                            | 104.2        |
| JUN.      | 105.1  | 101.7         | 70.1                    | 131.2    | 88.4                            | 104.2        |
| JUL.      | 103.9  | 101.2         | 71.1                    | 126.6    | 88.4                            | 103.1        |
| AGO.      | 104.8  | 100.7         | 71.1                    | 126.9    | 88.4                            | 105.6        |
| SET.      | 98.1   | 90.5          | 58.7                    | 124.1    | 78.3                            | 103.0        |
| OCT.      | 98.7   | 89.8          | 59.1                    | 123.0    | 77.0                            | 105.8        |
| NOV.      | 100.5  | 92.3          | 58.7                    | 124.7    | 77.0                            | 108.3        |
| DIC.      | 100.4  | 94.6          | 58.7                    | 127.6    | 75.1                            | 105.5        |
| 2017 ENE. | 95.3   | 94.2          | 58.2                    | 121.0    | 73.8                            | 95.5         |
| FEB.      | 96.4   | 94.6          | 60.0                    | 125.8    | 73.8                            | 95.5         |
| MAR.      | 96.6   | 95.0          | 60.8                    | 124.7    | 73.8                            | 95.8         |
| ABR.      | 95.5   | 94.4          | 60.8                    | 124.7    | 73.8                            | 93.3         |
| MAY.      | 98.5   | 93.1          | 60.4                    | 126.1    | 73.8                            | 101.7        |
| JUN.      | 98.4   | 93.5          | 60.4                    | 121.7    | 73.8                            | 103.3        |
| JUL.      | 98.9   | 94.2          | 60.4                    | 124.7    | 73.8                            | 102.8        |
| AGO.      | 97.9   | 95.2          | 60.0                    | 125.1    | 73.8                            | 99.3         |
| SET.      | 98.4   | 94.4          | 60.0                    | 126.4    | 73.8                            | 100.5        |
| OCT.      | 98.7   | 94.2          | 60.4                    | 125.1    | 73.8                            | 101.9        |
| NOV.      | 99.2   | 92.2          | 60.0                    | 126.1    | 73.8                            | 104.3        |
| DIC.      | 99.9   | 93.5          | 60.4                    | 126.1    | 73.8                            | 105.3        |
| 2018 ENE. | 97.4   | 95.2          | 59.1                    | 121.0    | 73.8                            | 100.0        |
| FEB.      | 97.0   | 95.2          | 59.1                    | 123.0    | 71.3                            | 98.6         |
| MAR.      | 96.1   | 94.6          | 59.1                    | 123.0    | 71.3                            | 96.7         |
| ABR.      | 101.4  | 98.5          | 67.5                    | 123.0    | 73.8                            | 104.5        |
| MAY.      | 104.7  | 110.9         | 71.9                    | 123.7    | 61.1                            | 105.6        |
| JUN.      | 102.1  | 102.7         | 71.9                    | 124.4    | 61.1                            | 103.7        |
| JUL.      | 101.3  | 103.2         | 72.8                    | 125.1    | 61.1                            | 100.6        |
| AGO.      | 96.7   | 103.2         | 73.2                    | 118.3    | 55.3                            | 93.0         |
| SET.      | 97.4   | 104.1         | 72.8                    | 119.6    | 55.3                            | 93.8         |
| OCT.      | 101.7  | 104.6         | 104.1                   | 117.6    | 55.3                            | 94.8         |
| NOV.      | 101.2  | 104.1         | 104.1                   | 117.3    | 55.3                            | 94.2         |
| DIC.      | 101.5  | 105.0         | 104.8                   | 117.6    | 55.3                            | 93.9         |
| 2019 ENE. | 97.7   | 104.6         | 104.8                   | 117.3    | 55.3                            | 85.2         |
| FEB.      | 98.6   | 105.5         | 102.6                   | 120.0    | 52.8                            | 86.5         |
| MAR.      | 97.4   | 105.0         | 102.6                   | 117.6    | 52.8                            | 84.9         |
| ABR.      | 99.3   | 105.7         | 102.6                   | 115.6    | 57.2                            | 88.7         |
| MAY.      | 102.3  | 117.1         | 101.8                   | 115.6    | 57.2                            | 89.0         |
| JUN.      | 102.2  | 116.8         | 101.2                   | 115.2    | 57.2                            | 89.0         |
| JUL.      | 102.0  | 116.3         | 104.3                   | 116.2    | 57.2                            | 87.9         |
| AGO.      | 101.5  | 117.1         | 101.2                   | 115.9    | 57.2                            | 87.0         |
| SET.      | 102.2  | 117.3         | 100.6                   | 119.2    | 51.3                            | 89.2         |
| OCT.      | 102.1  | 116.2         | 102.4                   | 118.2    | 49.7                            | 90.2         |
| NOV. P/   | 103.5  | 117.3         | 120.8                   | 118.6    | 49.1                            | 88.8         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD  
ECONÓMICA, ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |             |                                 |              |
|-----------|--------|---------------|-------------------------|-------------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio 2/ | Transp.,<br>almac., y<br>comun. | Servicios 3/ |
| 2003 ENE. | 55.7   | 43.0          | 91.0                    | -           | 64.4                            | 112.3        |
| FEB.      | 56.3   | 43.7          | 94.7                    | -           | 64.9                            | 106.8        |
| MAR.      | 56.8   | 45.1          | 93.1                    | -           | 65.4                            | 103.7        |
| ABR.      | 55.9   | 45.2          | 89.2                    | -           | 64.1                            | 99.0         |
| MAY.      | 55.5   | 45.1          | 88.8                    | -           | 63.5                            | 95.8         |
| JUN.      | 55.2   | 44.7          | 88.8                    | -           | 63.7                            | 93.3         |
| JUL.      | 57.9   | 45.2          | 108.0                   | -           | 63.0                            | 95.0         |
| AGO.      | 56.7   | 46.6          | 108.3                   | -           | 62.2                            | 73.7         |
| SET.      | 55.2   | 45.3          | 107.8                   | -           | 61.9                            | 66.0         |
| OCT.      | 56.8   | 46.8          | 107.7                   | -           | 62.0                            | 74.1         |
| NOV.      | 57.3   | 47.9          | 102.5                   | -           | 61.4                            | 80.1         |
| DIC.      | 57.4   | 48.9          | 97.1                    | -           | 61.1                            | 82.3         |
| 2004 ENE. | 55.8   | 51.4          | 97.1                    | -           | 57.3                            | 59.8         |
| FEB.      | 57.1   | 53.5          | 100.3                   | -           | 55.3                            | 60.0         |
| MAR.      | 57.8   | 54.9          | 99.6                    | -           | 55.1                            | 60.4         |
| ABR.      | 58.4   | 56.7          | 98.1                    | -           | 54.1                            | 59.9         |
| MAY.      | 61.1   | 60.7          | 98.1                    | -           | 55.3                            | 60.8         |
| JUN.      | 60.8   | 59.5          | 101.8                   | -           | 54.7                            | 61.7         |
| JUL.      | 62.1   | 61.9          | 101.9                   | -           | 54.7                            | 60.9         |
| AGO.      | 63.1   | 64.9          | 102.2                   | -           | 54.2                            | 54.8         |
| SET.      | 66.7   | 70.5          | 102.2                   | -           | 54.3                            | 57.3         |
| OCT.      | 66.1   | 69.1          | 101.7                   | -           | 55.2                            | 56.9         |
| NOV.      | 67.8   | 71.0          | 101.5                   | -           | 56.8                            | 60.6         |
| DIC.      | 67.8   | 72.0          | 99.9                    | -           | 57.3                            | 58.0         |
| 2005 ENE. | 67.5   | 71.4          | 102.2                   | -           | 56.5                            | 56.8         |
| FEB.      | 73.7   | 71.9          | 142.5                   | -           | 57.2                            | 57.5         |
| MAR.      | 74.4   | 72.9          | 141.7                   | -           | 57.6                            | 59.5         |
| ABR.      | 74.2   | 73.0          | 137.8                   | -           | 58.1                            | 60.7         |
| MAY.      | 76.5   | 77.8          | 139.6                   | -           | 58.3                            | 58.2         |
| JUN.      | 77.7   | 78.2          | 146.3                   | -           | 58.3                            | 59.1         |
| JUL.      | 78.6   | 79.5          | 147.5                   | -           | 58.3                            | 59.5         |
| AGO.      | 73.0   | 77.9          | 112.1                   | -           | 58.8                            | 59.4         |
| SET.      | 73.1   | 78.4          | 108.4                   | -           | 59.3                            | 61.3         |
| OCT.      | 74.0   | 78.9          | 112.1                   | -           | 59.6                            | 61.9         |
| NOV.      | 74.6   | 79.7          | 113.1                   | -           | 60.1                            | 61.7         |
| DIC.      | 74.4   | 80.4          | 109.1                   | -           | 60.5                            | 61.3         |
| 2006 ENE. | 74.2   | 79.7          | 108.5                   | -           | 61.2                            | 62.1         |
| FEB.      | 77.4   | 81.4          | 114.0                   | -           | 61.4                            | 72.3         |
| MAR.      | 78.2   | 82.6          | 113.9                   | -           | 63.5                            | 71.8         |
| ABR.      | 78.8   | 82.9          | 114.0                   | -           | 65.2                            | 72.5         |
| MAY.      | 79.5   | 84.8          | 116.4                   | -           | 65.6                            | 68.2         |
| JUN.      | 81.2   | 85.6          | 119.3                   | -           | 67.2                            | 73.7         |
| JUL.      | 82.2   | 85.9          | 126.5                   | -           | 71.0                            | 71.8         |
| AGO.      | 82.7   | 85.7          | 128.0                   | -           | 72.2                            | 74.3         |
| SET.      | 84.5   | 87.6          | 131.4                   | -           | 74.7                            | 74.3         |
| OCT.      | 86.2   | 89.6          | 128.9                   | -           | 76.4                            | 75.3         |
| NOV.      | 96.4   | 90.4          | 128.5                   | -           | 77.0                            | 142.3        |
| DIC.      | 90.6   | 92.0          | 136.2                   | -           | 77.0                            | 93.6         |
| 2007 ENE. | 90.1   | 92.7          | 135.7                   | -           | 75.9                            | 88.6         |
| FEB.      | 93.6   | 97.6          | 135.7                   | -           | 77.9                            | 89.3         |
| MAR.      | 92.6   | 95.8          | 131.8                   | -           | 77.7                            | 90.8         |
| ABR.      | 92.3   | 95.9          | 130.9                   | -           | 77.9                            | 88.1         |
| MAY.      | 93.7   | 96.5          | 131.4                   | -           | 78.9                            | 93.9         |
| JUN.      | 92.6   | 96.1          | 135.2                   | -           | 79.1                            | 86.8         |
| JUL.      | 92.6   | 96.6          | 132.8                   | -           | 79.6                            | 85.0         |
| AGO.      | 90.6   | 92.9          | 146.3                   | -           | 80.8                            | 81.5         |
| SET.      | 90.7   | 93.9          | 144.4                   | -           | 81.4                            | 78.0         |
| OCT.      | 91.0   | 94.0          | 143.4                   | -           | 81.8                            | 79.4         |
| NOV.      | 91.5   | 94.1          | 148.3                   | -           | 81.0                            | 82.5         |
| DIC.      | 91.9   | 94.7          | 145.4                   | -           | 82.3                            | 81.2         |
| 2008 ENE. | 91.2   | 94.2          | 141.5                   | -           | 83.0                            | 78.4         |
| FEB.      | 91.8   | 95.0          | 135.7                   | -           | 82.7                            | 80.5         |
| MAR.      | 91.0   | 95.0          | 138.1                   | -           | 84.0                            | 73.2         |
| ABR.      | 90.7   | 94.2          | 134.3                   | -           | 84.2                            | 74.5         |
| MAY.      | 91.6   | 94.9          | 130.9                   | -           | 85.3                            | 76.7         |
| JUN.      | 91.6   | 94.5          | 141.5                   | -           | 84.8                            | 76.6         |
| JUL.      | 91.9   | 95.6          | 143.9                   | -           | 83.9                            | 75.8         |
| AGO.      | 92.2   | 95.8          | 138.1                   | -           | 84.8                            | 76.2         |
| SET.      | 92.3   | 94.6          | 135.7                   | -           | 87.5                            | 77.8         |
| OCT.      | 92.7   | 95.8          | 125.1                   | -           | 86.9                            | 78.9         |
| NOV.      | 90.3   | 91.4          | 126.5                   | -           | 86.9                            | 79.6         |
| DIC.      | 92.1   | 95.2          | 125.1                   | -           | 85.5                            | 79.7         |
| 2009 ENE. | 90.0   | 92.3          | 123.1                   | -           | 83.9                            | 79.4         |
| FEB.      | 89.1   | 90.3          | 120.7                   | -           | 84.0                            | 81.8         |
| MAR.      | 88.5   | 89.6          | 124.1                   | -           | 82.2                            | 82.6         |
| ABR.      | 87.8   | 87.9          | 128.0                   | -           | 83.0                            | 82.3         |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD  
ECONÓMICA, ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |             |                                 |              |
|-----------|--------|---------------|-------------------------|-------------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio 2/ | Transp.,<br>almac., y<br>comun. | Servicios 3/ |
| MAY.      | 88.8   | 88.7          | 126.0                   | -           | 85.2                            | 82.6         |
| JUN.      | 88.2   | 86.3          | 125.1                   | -           | 86.2                            | 86.2         |
| JUL.      | 89.3   | 87.8          | 128.5                   | -           | 87.0                            | 85.6         |
| AGO.      | 88.0   | 87.0          | 127.5                   | -           | 84.6                            | 84.4         |
| SET.      | 89.0   | 88.5          | 123.5                   | -           | 85.1                            | 85.2         |
| OCT.      | 89.9   | 90.8          | 128.2                   | -           | 85.8                            | 81.4         |
| NOV.      | 90.8   | 92.0          | 123.3                   | -           | 87.0                            | 82.1         |
| DIC.      | 91.6   | 92.7          | 123.3                   | -           | 86.6                            | 84.7         |
| 2010 ENE. | 90.5   | 92.7          | 110.4                   | -           | 83.0                            | 86.4         |
| FEB.      | 91.7   | 93.9          | 104.1                   | -           | 86.8                            | 86.6         |
| MAR.      | 93.2   | 95.3          | 93.3                    | -           | 90.7                            | 88.5         |
| ABR.      | 92.8   | 96.5          | 90.6                    | -           | 90.5                            | 83.7         |
| MAY.      | 96.5   | 97.0          | 132.0                   | -           | 97.3                            | 84.1         |
| JUN.      | 95.5   | 97.4          | 114.6                   | -           | 89.1                            | 91.4         |
| JUL.      | 98.6   | 98.3          | 128.5                   | -           | 96.9                            | 92.4         |
| AGO.      | 99.6   | 99.0          | 129.5                   | -           | 97.0                            | 95.2         |
| SET.      | 99.9   | 99.6          | 111.9                   | -           | 99.3                            | 97.7         |
| OCT.      | 100.0  | 100.0         | 100.0                   | -           | 100.0                           | 100.0        |
| NOV.      | 100.2  | 100.7         | 94.6                    | -           | 100.5                           | 100.0        |
| DIC.      | 101.5  | 103.9         | 87.6                    | -           | 100.4                           | 100.1        |
| 2011 ENE. | 102.0  | 105.7         | 89.1                    | -           | 98.5                            | 98.7         |
| FEB.      | 102.2  | 105.5         | 88.1                    | -           | 98.9                            | 100.3        |
| MAR.      | 103.5  | 107.2         | 82.2                    | -           | 101.1                           | 101.9        |
| ABR.      | 106.3  | 109.4         | 102.2                   | -           | 101.9                           | 103.2        |
| MAY.      | 107.0  | 109.1         | 111.4                   | -           | 100.5                           | 107.1        |
| JUN.      | 108.0  | 109.2         | 118.8                   | -           | 100.5                           | 110.0        |
| JUL.      | 111.5  | 113.8         | 122.5                   | -           | 99.5                            | 115.4        |
| AGO.      | 110.9  | 112.7         | 123.5                   | -           | 99.1                            | 115.4        |
| SET.      | 110.0  | 112.9         | 115.1                   | -           | 101.4                           | 109.7        |
| OCT.      | 113.0  | 117.3         | 114.6                   | -           | 103.2                           | 110.9        |
| NOV.      | 108.2  | 113.0         | 84.7                    | -           | 99.8                            | 110.8        |
| DIC.      | 106.8  | 111.1         | 78.2                    | -           | 100.4                           | 109.8        |
| 2012 ENE. | 104.7  | 109.8         | 63.4                    | -           | 98.4                            | 108.9        |
| FEB.      | 102.7  | 108.1         | 62.1                    | -           | 95.4                            | 107.2        |
| MAR.      | 102.9  | 108.5         | 69.7                    | -           | 93.9                            | 107.1        |
| ABR.      | 101.7  | 106.4         | 69.0                    | -           | 93.8                            | 106.7        |
| MAY.      | 102.0  | 105.6         | 70.8                    | 141.2       | 94.3                            | 109.8        |
| JUN.      | 102.3  | 105.5         | 67.1                    | 149.3       | 94.8                            | 111.2        |
| JUL.      | 101.9  | 105.0         | 67.4                    | 149.3       | 93.3                            | 112.5        |
| AGO.      | 101.3  | 105.5         | 68.4                    | 149.3       | 91.7                            | 109.5        |
| SET.      | 100.8  | 105.4         | 69.5                    | 140.4       | 91.4                            | 107.8        |
| OCT.      | 101.1  | 105.4         | 68.2                    | 140.4       | 92.7                            | 108.2        |
| NOV.      | 100.1  | 105.1         | 54.2                    | 140.4       | 92.3                            | 107.7        |
| DIC.      | 100.8  | 106.3         | 55.3                    | 149.3       | 93.4                            | 105.6        |
| 2013 ENE. | 99.9   | 105.1         | 55.0                    | 143.4       | 94.9                            | 102.8        |
| FEB.      | 99.1   | 104.6         | 55.0                    | 143.4       | 94.9                            | 99.5         |
| MAR.      | 97.9   | 101.6         | 60.1                    | 143.4       | 94.7                            | 100.8        |
| ABR.      | 95.6   | 98.4          | 60.1                    | 134.6       | 93.5                            | 99.3         |
| MAY.      | 94.9   | 97.2          | 59.8                    | 134.6       | 93.8                            | 98.7         |
| JUN.      | 91.1   | 95.4          | 44.1                    | 123.5       | 87.7                            | 95.8         |
| JUL.      | 90.3   | 94.2          | 44.4                    | 121.3       | 87.2                            | 95.8         |
| AGO.      | 90.9   | 95.5          | 43.8                    | 122.8       | 87.9                            | 94.1         |
| SET.      | 91.2   | 96.3          | 47.7                    | 122.8       | 88.0                            | 92.3         |
| OCT.      | 90.5   | 96.2          | 46.9                    | 108.1       | 86.9                            | 92.2         |
| NOV.      | 94.5   | 96.1          | 46.1                    | 108.1       | 86.8                            | 114.2        |
| DIC.      | 95.3   | 96.4          | 48.6                    | 113.2       | 87.0                            | 116.4        |
| 2014 ENE. | 94.8   | 103.6         | 46.1                    | 125.7       | 89.8                            | 89.3         |
| FEB.      | 93.1   | 102.5         | 46.1                    | 125.7       | 87.6                            | 85.9         |
| MAR.      | 92.9   | 102.2         | 47.4                    | 116.2       | 88.0                            | 85.4         |
| ABR.      | 90.8   | 96.5          | 48.6                    | 115.4       | 87.7                            | 90.5         |
| MAY.      | 89.5   | 95.5          | 47.7                    | 115.4       | 83.5                            | 91.4         |
| JUN.      | 90.0   | 94.9          | 52.4                    | 115.4       | 83.2                            | 95.2         |
| JUL.      | 90.3   | 95.6          | 53.7                    | 115.4       | 83.1                            | 94.7         |
| AGO.      | 91.0   | 96.9          | 52.9                    | 110.3       | 84.3                            | 94.0         |
| SET.      | 89.7   | 94.4          | 56.7                    | 119.9       | 84.3                            | 92.4         |
| OCT.      | 90.5   | 95.5          | 55.9                    | 115.4       | 86.4                            | 92.0         |
| NOV.      | 90.3   | 94.5          | 58.0                    | 115.4       | 86.3                            | 93.2         |
| DIC.      | 90.1   | 94.6          | 58.0                    | 115.4       | 86.2                            | 92.1         |
| 2015 ENE. | 89.4   | 94.2          | 57.2                    | 111.8       | 86.2                            | 90.2         |
| FEB.      | 87.8   | 91.6          | 54.6                    | 191.9       | 82.5                            | 85.7         |
| MAR.      | 85.2   | 88.1          | 60.2                    | 191.9       | 82.4                            | 80.7         |
| ABR.      | 79.3   | 85.9          | 59.7                    | 119.1       | 69.0                            | 78.5         |
| MAY.      | 78.1   | 85.4          | 59.7                    | 114.7       | 66.9                            | 76.4         |
| JUN.      | 77.6   | 84.3          | 58.4                    | 114.7       | 66.9                            | 76.7         |
| JUL.      | 77.3   | 84.4          | 58.0                    | 108.1       | 66.5                            | 76.4         |
| AGO.      | 76.5   | 83.6          | 67.5                    | 105.1       | 65.6                            | 74.2         |

**CIUDAD DE TALARA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD  
ECONÓMICA, ENERO 2003 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Talara |               |                         |             |                                 |              |
|-----------|--------|---------------|-------------------------|-------------|---------------------------------|--------------|
|           | Total  | Extractiva 1/ | Industria manufacturera | Comercio 2/ | Transp.,<br>almac., y<br>comun. | Servicios 3/ |
| 2016 SET. | 70.9   | 73.6          | 67.5                    | 100.0       | 64.9                            | 74.1         |
| OCT.      | 69.0   | 70.2          | 67.0                    | 100.0       | 65.4                            | 73.1         |
| NOV.      | 69.5   | 69.5          | 66.6                    | 94.9        | 65.2                            | 78.5         |
| DIC.      | 69.5   | 69.3          | 66.6                    | 94.9        | 65.8                            | 78.4         |
| ENE.      | 70.8   | 68.2          | 65.7                    | 214.0       | 65.5                            | 77.3         |
| FEB.      | 70.6   | 68.0          | 64.9                    | 214.0       | 65.8                            | 76.5         |
| MAR.      | 69.3   | 69.7          | 73.0                    | 135.3       | 65.4                            | 73.9         |
| ABR.      | 69.1   | 67.9          | 72.6                    | 182.9       | 63.9                            | 73.8         |
| MAY.      | 67.2   | 64.8          | 71.3                    | 179.8       | 64.0                            | 72.2         |
| JUN.      | 66.5   | 64.7          | 71.3                    | 185.9       | 64.6                            | 67.1         |
| JUL.      | 66.0   | 64.7          | 78.6                    | 201.8       | 64.3                            | 61.8         |
| AGO.      | 66.2   | 65.0          | 79.1                    | 202.4       | 64.7                            | 61.6         |
| SET.      | 62.3   | 55.6          | 83.4                    | 203.0       | 64.8                            | 64.1         |
| OCT.      | 60.4   | 56.2          | 83.4                    | 196.9       | 56.0                            | 64.1         |
| NOV.      | 60.4   | 56.8          | 83.4                    | 193.9       | 55.2                            | 63.9         |
| DIC.      | 60.8   | 57.1          | 82.9                    | 190.2       | 55.5                            | 64.9         |
| 2017 ENE. | 58.2   | 56.9          | 82.9                    | 187.1       | 54.5                            | 55.2         |
| FEB.      | 58.5   | 56.7          | 82.9                    | 182.3       | 54.6                            | 57.1         |
| MAR.      | 58.6   | 57.0          | 81.6                    | 188.4       | 54.9                            | 56.4         |
| ABR.      | 56.8   | 57.1          | 79.1                    | 184.1       | 47.6                            | 56.3         |
| MAY.      | 57.7   | 57.3          | 79.1                    | 192.0       | 47.8                            | 58.8         |
| JUN.      | 58.3   | 57.9          | 77.3                    | 203.0       | 48.4                            | 58.8         |
| JUL.      | 59.1   | 59.1          | 77.3                    | 209.1       | 48.5                            | 59.6         |
| AGO.      | 55.7   | 57.6          | 71.3                    | 206.0       | 48.1                            | 48.8         |
| SET.      | 55.6   | 58.1          | 69.6                    | 221.3       | 46.0                            | 48.3         |
| OCT.      | 56.0   | 59.0          | 67.5                    | 221.3       | 46.0                            | 48.6         |
| NOV.      | 55.8   | 59.1          | 64.9                    | 213.4       | 45.7                            | 48.6         |
| DIC.      | 56.4   | 60.4          | 64.5                    | 214.0       | 46.0                            | 48.3         |
| 2018 ENE. | 55.2   | 59.7          | 64.0                    | 212.1       | 46.1                            | 44.8         |
| FEB.      | 54.6   | 59.6          | 61.4                    | 215.8       | 45.0                            | 43.2         |
| MAR.      | 55.1   | 59.6          | 60.2                    | 215.8       | 45.7                            | 45.0         |
| ABR.      | 55.4   | 59.9          | 61.0                    | 218.8       | 46.0                            | 45.0         |
| MAY.      | 55.6   | 60.6          | 61.9                    | 210.3       | 46.0                            | 45.3         |
| JUN.      | 55.5   | 60.1          | 59.7                    | 210.3       | 46.0                            | 46.3         |
| JUL.      | 55.8   | 60.8          | 60.2                    | 212.8       | 46.3                            | 45.1         |
| AGO.      | 55.8   | 61.0          | 58.4                    | 212.8       | 46.4                            | 44.9         |
| SET.      | 55.2   | 59.9          | 56.3                    | 211.5       | 46.5                            | 45.2         |
| OCT.      | 54.3   | 58.1          | 55.0                    | 211.5       | 46.5                            | 45.4         |
| NOV.      | 54.0   | 58.1          | 51.6                    | 211.5       | 47.1                            | 44.1         |
| DIC.      | 53.9   | 57.6          | 51.6                    | 223.1       | 46.5                            | 44.1         |
| 2019 ENE. | 52.0   | 56.5          | 51.1                    | 205.4       | 46.4                            | 39.4         |
| FEB.      | 52.1   | 58.2          | 51.6                    | 203.0       | 45.7                            | 36.3         |
| MAR.      | 53.8   | 59.7          | 51.1                    | 199.9       | 46.5                            | 40.5         |
| ABR.      | 53.6   | 59.7          | 49.8                    | 203.6       | 46.2                            | 39.7         |
| MAY.      | 54.4   | 59.7          | 48.6                    | 210.9       | 46.2                            | 43.3         |
| JUN.      | 53.9   | 58.5          | 46.8                    | 209.1       | 46.5                            | 44.0         |
| JUL.      | 54.5   | 58.9          | 46.8                    | 222.5       | 46.3                            | 44.3         |
| AGO.      | 54.4   | 59.3          | 45.5                    | 227.4       | 45.6                            | 43.5         |
| SET.      | 54.1   | 57.7          | 46.0                    | 228.6       | 46.1                            | 45.0         |
| OCT.      | 53.6   | 57.5          | 45.1                    | 226.2       | 45.9                            | 43.8         |
| NOV. P/   | 53.8   | 56.7          | 44.3                    | 242.6       | 45.8                            | 45.3         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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

2/ El año base del índice es Octubre 2015.

3/ 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 TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2004 ENE. | 1.7                | 14.8          | 5.6                     | -23.9    | -9.9                      | -16.4        | 1.7                         | 14.8          | 5.6                     | -23.9    | -9.9                      | -16.4        |
| FEB.      | 2.7                | 17.1          | 5.3                     | -24.4    | -12.4                     | -14.7        | 2.2                         | 15.9          | 5.4                     | -24.2    | -11.2                     | -15.5        |
| MAR.      | 3.4                | 16.9          | 6.2                     | -12.7    | -13.1                     | -13.1        | 2.6                         | 16.3          | 5.7                     | -20.7    | -11.8                     | -14.7        |
| ABR.      | 4.8                | 21.9          | 8.6                     | -4.6     | -12.8                     | -19.5        | 3.1                         | 17.7          | 6.4                     | -17.2    | -12.1                     | -16.0        |
| MAY.      | 8.8                | 30.1          | 8.8                     | -3.2     | -11.4                     | -18.4        | 4.3                         | 20.2          | 6.9                     | -14.8    | -11.9                     | -16.5        |
| JUN.      | 9.9                | 30.5          | 12.0                    | -13.4    | -12.0                     | -13.9        | 5.2                         | 21.9          | 7.7                     | -14.6    | -11.9                     | -16.1        |
| JUL.      | 5.5                | 33.9          | -7.8                    | -17.5    | -9.7                      | -24.5        | 5.3                         | 23.6          | 5.2                     | -15.0    | -11.6                     | -17.4        |
| AGO.      | 8.7                | 37.0          | -9.9                    | -22.9    | -9.0                      | -17.5        | 5.7                         | 25.4          | 3.0                     | -15.9    | -11.3                     | -17.5        |
| SET.      | 16.6               | 51.0          | -9.4                    | -7.3     | -8.4                      | -10.2        | 6.9                         | 28.2          | 1.5                     | -15.0    | -11.0                     | -16.7        |
| OCT.      | 14.5               | 45.9          | -9.9                    | -0.9     | -6.0                      | -14.5        | 7.7                         | 30.0          | 0.3                     | -13.7    | -10.5                     | -16.5        |
| NOV.      | 17.9               | 47.4          | -2.6                    | -15.7    | -2.5                      | -10.4        | 8.6                         | 31.6          | 0.0                     | -13.9    | -9.8                      | -15.9        |
| DIC.      | 18.0               | 46.6          | -0.2                    | -9.5     | -0.9                      | -13.1        | 9.4                         | 33.0          | 0.0                     | -13.6    | -9.1                      | -15.7        |
| 2005 ENE. | 19.2               | 38.6          | 2.7                     | -8.9     | 3.6                       | -2.1         | 19.2                        | 38.6          | 2.7                     | -8.9     | 3.6                       | -2.1         |
| FEB.      | 24.1               | 35.0          | 36.0                    | -9.7     | 8.4                       | -11.9        | 21.7                        | 36.7          | 19.6                    | -9.3     | 6.0                       | -7.0         |
| MAR.      | 26.5               | 33.9          | 36.8                    | 54.1     | 8.5                       | -6.3         | 23.3                        | 35.8          | 25.4                    | 11.9     | 6.8                       | -6.7         |
| ABR.      | 24.9               | 28.5          | 35.6                    | 52.2     | 9.9                       | -0.4         | 23.7                        | 33.8          | 27.9                    | 21.9     | 7.6                       | -5.1         |
| MAY.      | 22.7               | 27.5          | 37.8                    | 5.5      | 8.2                       | -2.0         | 23.5                        | 32.5          | 29.9                    | 18.6     | 7.7                       | -4.5         |
| JUN.      | 25.0               | 30.8          | 39.6                    | 9.0      | 9.8                       | -2.8         | 23.8                        | 32.2          | 31.5                    | 17.1     | 8.1                       | -4.2         |
| JUL.      | 24.2               | 29.6          | 43.2                    | 1.4      | 6.6                       | -2.3         | 23.8                        | 31.8          | 33.2                    | 15.1     | 7.8                       | -3.9         |
| AGO.      | 16.8               | 22.2          | 14.7                    | 17.9     | 9.2                       | 4.9          | 22.9                        | 30.4          | 30.9                    | 15.4     | 8.0                       | -2.8         |
| SET.      | 12.0               | 14.5          | 11.6                    | -1.7     | 9.3                       | 6.5          | 21.6                        | 28.3          | 28.8                    | 13.4     | 8.2                       | -1.8         |
| OCT.      | 13.2               | 15.8          | 15.5                    | 5.6      | 7.4                       | 6.5          | 20.7                        | 26.9          | 27.5                    | 12.6     | 8.1                       | -1.0         |
| NOV.      | 10.1               | 13.2          | 13.0                    | 23.8     | 4.0                       | -0.4         | 19.6                        | 25.4          | 26.2                    | 13.6     | 7.7                       | -0.9         |
| DIC.      | 10.1               | 13.1          | 12.5                    | 22.7     | 4.1                       | 0.3          | 18.7                        | 24.3          | 25.0                    | 14.4     | 7.4                       | -0.8         |
| 2006 ENE. | 10.4               | 13.7          | 8.4                     | 9.7      | 5.7                       | 5.9          | 10.4                        | 13.7          | 8.4                     | 9.7      | 5.7                       | 5.9          |
| FEB.      | 6.4                | 14.9          | -17.2                   | -2.8     | 3.9                       | 23.4         | 8.4                         | 14.3          | -6.4                    | 3.5      | 4.8                       | 14.2         |
| MAR.      | 4.8                | 13.9          | -17.5                   | -41.4    | 7.5                       | 20.3         | 7.1                         | 14.2          | -10.5                   | -17.2    | 5.7                       | 16.3         |
| ABR.      | 5.7                | 14.0          | -15.3                   | -39.8    | 8.8                       | 19.2         | 6.8                         | 14.1          | -11.7                   | -24.2    | 6.5                       | 17.1         |
| MAY.      | 5.8                | 10.4          | -15.2                   | 0.1      | 10.4                      | 18.4         | 6.6                         | 13.3          | -12.4                   | -19.9    | 7.2                       | 17.3         |
| JUN.      | 5.9                | 10.6          | -17.4                   | 4.5      | 11.4                      | 21.3         | 6.4                         | 12.9          | -13.3                   | -16.3    | 8.0                       | 18.0         |
| JUL.      | 5.8                | 8.1           | -14.9                   | 3.3      | 20.4                      | 19.5         | 6.3                         | 12.1          | -13.6                   | -14.1    | 9.7                       | 18.3         |
| AGO.      | 11.7               | 8.6           | 10.8                    | -5.8     | 19.9                      | 20.8         | 7.0                         | 11.7          | -10.9                   | -13.2    | 11.0                      | 18.6         |
| SET.      | 13.7               | 10.2          | 15.7                    | -4.5     | 23.8                      | 18.1         | 7.8                         | 11.5          | -8.4                    | -12.3    | 12.5                      | 18.5         |
| OCT.      | 14.5               | 12.3          | 11.9                    | -10.3    | 25.7                      | 17.9         | 8.4                         | 11.6          | -6.6                    | -12.1    | 13.8                      | 18.5         |
| NOV.      | 24.5               | 12.7          | 10.2                    | -2.5     | 27.1                      | 74.7         | 9.9                         | 11.7          | -5.2                    | -11.2    | 15.0                      | 24.0         |
| DIC.      | 19.0               | 13.7          | 18.8                    | 2.2      | 26.6                      | 32.7         | 10.7                        | 11.9          | -3.4                    | -10.0    | 16.0                      | 24.8         |
| 2007 ENE. | 19.3               | 15.2          | 19.4                    | 13.5     | 27.2                      | 27.1         | 19.3                        | 15.2          | 19.4                    | 13.5     | 27.2                      | 27.1         |
| FEB.      | 19.1               | 18.6          | 14.1                    | 14.9     | 30.2                      | 14.7         | 19.2                        | 16.9          | 16.7                    | 14.1     | 28.7                      | 20.7         |
| MAR.      | 16.6               | 15.0          | 12.2                    | 14.0     | 27.2                      | 13.5         | 18.3                        | 16.3          | 15.2                    | 14.1     | 28.2                      | 18.2         |
| ABR.      | 15.2               | 14.8          | 10.5                    | -8.3     | 25.3                      | 11.0         | 17.5                        | 15.9          | 14.0                    | 8.6      | 27.4                      | 16.2         |
| MAY.      | 15.2               | 12.9          | 7.8                     | -19.7    | 27.6                      | 16.8         | 17.0                        | 15.3          | 12.8                    | 2.3      | 27.5                      | 16.3         |
| JUN.      | 13.0               | 11.4          | 9.3                     | -4.2     | 25.1                      | 8.9          | 16.3                        | 14.6          | 12.2                    | 1.1      | 27.0                      | 15.0         |
| JUL.      | 11.6               | 12.0          | 4.7                     | 7.0      | 15.1                      | 9.1          | 15.6                        | 14.2          | 11.0                    | 1.9      | 25.2                      | 14.1         |
| AGO.      | 8.9                | 8.3           | 9.4                     | 11.5     | 14.9                      | 4.0          | 14.8                        | 13.5          | 10.8                    | 3.1      | 23.8                      | 12.7         |
| SET.      | 6.4                | 7.0           | 7.4                     | 1.2      | 10.5                      | 0.7          | 13.8                        | 12.7          | 10.4                    | 2.9      | 22.1                      | 11.3         |
| OCT.      | 4.7                | 4.8           | 7.5                     | -16.4    | 8.7                       | 2.1          | 12.8                        | 11.9          | 10.1                    | 1.0      | 20.6                      | 10.3         |
| NOV.      | -4.3               | 4.0           | 9.7                     | -31.3    | 6.3                       | -30.6        | 11.0                        | 11.1          | 10.1                    | -2.5     | 19.2                      | 4.6          |
| DIC.      | 0.7                | 2.8           | 3.6                     | -27.4    | 7.2                       | -9.3         | 10.1                        | 10.4          | 9.5                     | -4.9     | 18.0                      | 3.3          |
| 2008 ENE. | 0.1                | 2.0           | 1.1                     | -21.0    | 7.4                       | -11.0        | 0.1                         | 2.0           | 1.1                     | -21.0    | 7.4                       | -11.0        |
| FEB.      | -2.7               | -2.0          | -1.7                    | -16.0    | 4.1                       | -10.4        | -1.3                        | 0.0           | -0.3                    | -18.6    | 5.7                       | -10.7        |
| MAR.      | -1.3               | -0.1          | 3.4                     | -13.4    | 4.3                       | -11.2        | -1.3                        | 0.0           | 0.9                     | -16.9    | 5.2                       | -10.9        |
| ABR.      | -1.1               | -1.1          | 2.1                     | 8.4      | 4.0                       | -7.7         | -1.3                        | -0.3          | 1.2                     | -11.7    | 4.9                       | -10.0        |
| MAY.      | -1.9               | -0.8          | 1.0                     | 1.5      | 2.0                       | -9.2         | -1.4                        | -0.4          | 1.2                     | -9.4     | 4.3                       | -9.8         |
| JUN.      | -2.1               | -0.9          | 3.2                     | -22.1    | 1.2                       | -7.1         | -1.5                        | -0.5          | 1.5                     | -11.6    | 3.8                       | -9.4         |
| JUL.      | -0.8               | -0.8          | 5.3                     | -6.2     | 2.6                       | -4.6         | -1.4                        | -0.5          | 2.0                     | -10.8    | 3.6                       | -8.7         |
| AGO.      | 1.4                | 3.3           | -3.3                    | -9.4     | 2.3                       | -1.4         | -1.1                        | -0.1          | 1.3                     | -10.6    | 3.5                       | -7.8         |
| SET.      | 2.6                | 1.3           | -0.5                    | 2.8      | 5.6                       | 4.6          | -0.7                        | 0.1           | 1.1                     | -9.2     | 3.7                       | -6.5         |
| OCT.      | 2.6                | 2.4           | -3.9                    | 10.3     | 4.4                       | 3.1          | -0.3                        | 0.3           | 0.6                     | -7.6     | 3.8                       | -5.5         |
| NOV.      | -0.5               | -2.2          | -6.0                    | 8.2      | 5.3                       | -0.2         | -0.3                        | 0.1           | 0.0                     | -6.4     | 3.9                       | -5.0         |
| DIC.      | 1.0                | 0.9           | -4.5                    | 2.3      | 2.6                       | 1.7          | -0.2                        | 0.1           | -0.4                    | -5.7     | 3.8                       | -4.5         |
| 2009 ENE. | -0.6               | -1.9          | -5.2                    | -12.1    | -1.4                      | 9.1          | -0.6                        | -1.9          | -5.2                    | -12.1    | -1.4                      | 9.1          |
| FEB.      | -1.6               | -4.8          | -6.8                    | 0.3      | -1.3                      | 12.1         | -1.1                        | -3.4          | -6.0                    | -6.1     | -1.4                      | 10.5         |
| MAR.      | -2.0               | -5.5          | -4.3                    | -4.1     | -4.2                      | 14.2         | -1.4                        | -4.1          | -5.4                    | -5.4     | -2.3                      | 11.8         |
| ABR.      | -2.2               | -6.5          | 0.6                     | -4.7     | -3.8                      | 11.2         | -1.6                        | -4.7          | -3.9                    | -5.2     | -2.7                      | 11.6         |
| MAY.      | -1.6               | -6.3          | 14.1                    | -3.6     | -2.2                      | 7.8          | -1.6                        | -5.0          | -0.4                    | -4.9     | -2.6                      | 10.8         |
| JUN.      | -1.5               | -8.2          | 5.9                     | 11.8     | -0.8                      | 12.4         | -1.6                        | -5.5          | 0.6                     | -2.4     | -2.3                      | 11.1         |
| JUL.      | -1.3               | -7.7          | 5.3                     | 3.0      | 0.7                       | 11.9         | -1.5                        | -5.8          | 1.3                     | -1.6     | -1.9                      | 11.2         |
| AGO.      | -2.5               | -8.7          | 11.3                    | -2.1     | -2.9                      | 11.1         | -1.7                        | -6.2          | 2.6                     | -1.6     | -2.0                      | 11.2         |
| SET.      | -2.4               | -6.1          | 6.3                     | -7.6     | -5.3                      | 8.4          | -1.8                        | -6.2          | 3.0                     | -2.4     | -2.4                      | 10.9         |
| OCT.      | -1.8               | -5.0          | 14.9                    | 5.5      | -4.0                      | 3.9          | -1.8                        | -6.1          | 4.2                     | -1.6     | -2.5                      | 10.1         |
| NOV.      | 1.4                | 0.5           | 13.8                    | 7.0      | -3.3                      | 4.6          | -1.5                        | -5.5          | 5.1                     | -0.9     | -2.6                      | 9.6          |
| DIC.      | 0.3                | -2.5          | 11.7                    | 14.9     | -2.2                      | 5.7          | -1.3                        | -5.2          | 5.6                     | 0.4      | -2.6                      | 9.2          |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2010 ENE. | 0.1                | 0.3           | 4.6                     | 14.6     | -2.6                      | 1.5          | 0.1                         | 0.3           | 4.6                     | 14.6     | -2.6                      | 1.5          |
| FEB.      | 3.0                | 3.4           | 5.4                     | 3.7      | 1.9                       | 5.0          | 1.6                         | 1.8           | 5.0                     | 8.9      | -0.3                      | 3.2          |
| MAR.      | 6.2                | 5.8           | 3.5                     | 2.8      | 6.4                       | 10.0         | 3.1                         | 3.1           | 4.5                     | 6.8      | 1.9                       | 5.6          |
| ABR.      | 5.9                | 9.1           | -1.2                    | 2.3      | 5.5                       | 2.9          | 3.8                         | 4.6           | 3.0                     | 5.7      | 2.8                       | 4.8          |
| MAY.      | 7.8                | 8.8           | 14.5                    | 4.8      | 9.9                       | 2.7          | 4.6                         | 5.4           | 5.6                     | 5.5      | 4.2                       | 4.4          |
| JUN.      | 7.3                | 11.8          | 7.9                     | 1.0      | 0.0                       | 4.8          | 5.0                         | 6.5           | 6.0                     | 4.7      | 3.5                       | 4.5          |
| JUL.      | 8.3                | 11.0          | 13.5                    | -8.7     | 7.3                       | 4.4          | 5.5                         | 7.1           | 7.1                     | 2.6      | 4.0                       | 4.4          |
| AGO.      | 10.5               | 12.7          | 8.1                     | 5.0      | 10.2                      | 7.3          | 6.2                         | 7.8           | 7.3                     | 2.9      | 4.8                       | 4.8          |
| SET.      | 9.8                | 11.5          | 0.3                     | 8.9      | 12.3                      | 8.1          | 6.6                         | 8.2           | 6.4                     | 3.6      | 5.6                       | 5.2          |
| OCT.      | 8.9                | 9.2           | -9.6                    | 5.2      | 12.2                      | 12.8         | 6.8                         | 8.3           | 4.7                     | 3.7      | 6.3                       | 6.0          |
| NOV.      | 8.1                | 8.6           | -11.6                   | 2.7      | 12.1                      | 11.6         | 6.9                         | 8.3           | 3.1                     | 3.7      | 6.8                       | 6.5          |
| DIC.      | 8.3                | 10.8          | -13.4                   | -5.3     | 12.6                      | 9.0          | 7.0                         | 8.5           | 1.7                     | 2.8      | 7.3                       | 6.7          |
| 2011 ENE. | 11.7               | 12.6          | -4.7                    | 13.0     | 15.4                      | 11.9         | 11.7                        | 12.6          | -4.7                    | 13.0     | 15.4                      | 11.9         |
| FEB.      | 10.6               | 11.7          | -0.3                    | 15.5     | 11.4                      | 10.3         | 11.2                        | 12.2          | -2.5                    | 14.2     | 13.4                      | 11.1         |
| MAR.      | 9.2                | 11.7          | -6.5                    | 14.6     | 11.0                      | 6.6          | 10.5                        | 12.0          | -3.9                    | 14.3     | 12.6                      | 9.5          |
| ABR.      | 11.5               | 12.1          | 8.6                     | 16.7     | 12.9                      | 9.3          | 10.7                        | 12.0          | -0.8                    | 14.9     | 12.7                      | 9.4          |
| MAY.      | 9.2                | 11.3          | -10.6                   | 19.0     | 4.8                       | 14.6         | 10.4                        | 11.9          | -3.2                    | 15.7     | 11.0                      | 10.5         |
| JUN.      | 11.8               | 11.4          | 1.5                     | 17.5     | 18.1                      | 11.0         | 10.7                        | 11.8          | -2.3                    | 16.0     | 12.1                      | 10.6         |
| JUL.      | 12.6               | 15.1          | -3.2                    | 18.7     | 8.1                       | 15.8         | 10.9                        | 12.3          | -2.5                    | 16.4     | 11.5                      | 11.4         |
| AGO.      | 10.7               | 13.4          | -3.0                    | 8.7      | 8.0                       | 12.3         | 10.9                        | 12.4          | -2.5                    | 15.4     | 11.1                      | 11.5         |
| SET.      | 9.5                | 12.8          | -0.6                    | 9.4      | 8.2                       | 6.6          | 10.7                        | 12.5          | -2.3                    | 14.6     | 10.7                      | 10.9         |
| OCT.      | 11.9               | 16.4          | 4.8                     | 16.5     | 8.9                       | 6.0          | 10.9                        | 12.9          | -1.7                    | 14.8     | 10.5                      | 10.4         |
| NOV.      | 7.9                | 11.7          | -9.3                    | 10.3     | 4.5                       | 7.1          | 10.6                        | 12.8          | -2.3                    | 14.4     | 9.9                       | 10.1         |
| DIC.      | 6.0                | 7.2           | -10.9                   | 15.8     | 5.3                       | 7.4          | 10.2                        | 12.3          | -2.9                    | 14.5     | 9.5                       | 9.8          |
| 2012 ENE. | 3.3                | 4.3           | -21.9                   | 0.6      | 4.3                       | 7.7          | 3.3                         | 4.3           | -21.9                   | 0.6      | 4.3                       | 7.7          |
| FEB.      | 1.8                | 2.9           | -25.3                   | 3.5      | 1.0                       | 7.8          | 2.6                         | 3.6           | -23.6                   | 2.0      | 2.6                       | 7.7          |
| MAR.      | 1.3                | 1.9           | -18.8                   | 11.1     | -3.0                      | 7.8          | 2.1                         | 3.0           | -22.0                   | 5.0      | 0.7                       | 7.7          |
| ABR.      | -2.8               | -2.0          | -30.7                   | 4.5      | -4.2                      | 3.9          | 0.8                         | 1.8           | -24.4                   | 4.9      | -0.5                      | 6.7          |
| MAY.      | -3.5               | -2.6          | -32.0                   | 5.8      | -2.8                      | 1.6          | 0.0                         | 0.9           | -26.1                   | 5.1      | -1.0                      | 5.6          |
| JUN.      | -4.1               | -2.7          | -36.9                   | 8.6      | -5.7                      | 2.4          | -0.8                        | 0.3           | -28.1                   | 5.7      | -1.8                      | 5.0          |
| JUL.      | -7.3               | -7.2          | -37.4                   | 5.1      | -5.9                      | -0.8         | -1.7                        | -0.9          | -29.6                   | 5.6      | -2.4                      | 4.1          |
| AGO.      | -7.2               | -6.4          | -37.5                   | 7.2      | -7.2                      | -1.6         | -2.5                        | -1.6          | -30.7                   | 5.8      | -3.0                      | 3.3          |
| SET.      | -6.7               | -6.2          | -32.6                   | 4.0      | -9.7                      | 0.6          | -2.9                        | -2.1          | -30.9                   | 5.6      | -3.8                      | 3.0          |
| OCT.      | -8.5               | -9.7          | -31.8                   | 0.0      | -9.6                      | 0.7          | -3.5                        | -2.9          | -31.0                   | 5.0      | -4.4                      | 2.8          |
| NOV.      | -5.6               | -6.6          | -29.6                   | 12.4     | -6.8                      | 0.6          | -3.7                        | -3.3          | -30.9                   | 5.7      | -4.6                      | 2.6          |
| DIC.      | -3.9               | -4.3          | -23.8                   | 11.8     | -6.4                      | 0.5          | -3.7                        | -3.3          | -30.4                   | 6.2      | -4.8                      | 2.4          |
| 2013 ENE. | -3.6               | -4.7          | -12.6                   | 13.8     | -3.5                      | -2.5         | -3.6                        | -4.7          | -12.6                   | 13.8     | -3.5                      | -2.5         |
| FEB.      | -3.1               | -4.3          | -9.1                    | 13.4     | -0.9                      | -4.8         | -3.3                        | -4.5          | -10.9                   | 13.6     | -2.2                      | -3.6         |
| MAR.      | -5.0               | -7.3          | -8.7                    | 2.9      | 0.4                       | -5.7         | -3.9                        | -5.4          | -10.1                   | 9.8      | -1.4                      | -4.4         |
| ABR.      | -4.6               | -7.6          | -7.7                    | 4.9      | -1.1                      | -2.6         | -4.1                        | -6.0          | -9.5                    | 8.6      | -1.3                      | -3.9         |
| MAY.      | -5.1               | -7.8          | -11.5                   | 6.4      | -1.1                      | -4.1         | -4.3                        | -6.3          | -9.9                    | 8.2      | -1.3                      | -3.9         |
| JUN.      | -8.7               | -9.3          | -22.2                   | 0.8      | -7.8                      | -7.8         | -5.0                        | -6.8          | -11.9                   | 6.9      | -2.3                      | -4.6         |
| JUL.      | -8.8               | -9.7          | -23.2                   | -1.2     | -6.9                      | -7.4         | -5.6                        | -7.2          | -13.6                   | 5.7      | -3.0                      | -5.0         |
| AGO.      | -7.7               | -8.4          | -21.0                   | -4.6     | -4.9                      | -6.5         | -5.8                        | -7.4          | -14.5                   | 4.4      | -3.2                      | -5.2         |
| SET.      | -7.4               | -8.0          | -17.2                   | -1.2     | -5.0                      | -7.6         | -6.0                        | -7.4          | -14.8                   | 3.8      | -3.4                      | -5.5         |
| OCT.      | -8.0               | -7.5          | -16.7                   | -5.2     | -7.2                      | -8.4         | -6.2                        | -7.4          | -15.0                   | 2.8      | -3.8                      | -5.8         |
| NOV.      | -3.9               | -7.6          | -5.4                    | -3.6     | -6.9                      | 6.5          | -6.0                        | -7.5          | -14.2                   | 2.2      | -4.1                      | -4.7         |
| DIC.      | -4.4               | -8.3          | -4.8                    | -11.2    | -7.8                      | 8.5          | -5.9                        | -7.5          | -13.5                   | 1.0      | -4.4                      | -3.5         |
| 2014 ENE. | -2.7               | -0.5          | -10.2                   | -4.3     | -6.2                      | -3.0         | -2.7                        | -0.5          | -10.2                   | -4.3     | -6.2                      | -3.0         |
| FEB.      | -3.0               | -0.9          | -8.1                    | -6.7     | -8.3                      | -1.5         | -2.9                        | -0.7          | -9.2                    | -5.5     | -7.2                      | -2.3         |
| MAR.      | -2.6               | 1.6           | -9.8                    | 3.1      | -7.6                      | -7.9         | -2.8                        | 0.1           | -9.4                    | -2.7     | -7.4                      | -4.2         |
| ABR.      | -2.8               | -0.9          | -6.2                    | 5.1      | -6.7                      | -5.2         | -2.8                        | -0.2          | -8.6                    | -0.8     | -7.2                      | -4.5         |
| MAY.      | -3.9               | -0.7          | -7.2                    | -0.6     | -11.0                     | -5.1         | -3.0                        | -0.3          | -8.3                    | -0.7     | -7.9                      | -4.6         |
| JUN.      | -0.2               | 0.4           | 13.2                    | 2.1      | -5.5                      | -0.4         | -2.6                        | -0.2          | -5.2                    | -0.3     | -7.6                      | -3.9         |
| JUL.      | 1.2                | 2.2           | 16.5                    | 7.3      | -5.0                      | 0.0          | -2.0                        | 0.1           | -2.4                    | 0.7      | -7.2                      | -3.3         |
| AGO.      | 1.2                | 2.1           | 12.2                    | 6.9      | -4.6                      | 0.5          | -1.6                        | 0.4           | -0.7                    | 1.5      | -6.9                      | -2.8         |
| SET.      | -0.3               | -1.1          | 8.8                     | 7.1      | -5.0                      | 1.5          | -1.5                        | 0.2           | 0.3                     | 2.1      | -6.7                      | -2.3         |
| OCT.      | 0.3                | -0.3          | 6.9                     | 2.5      | -2.1                      | 1.8          | -1.3                        | 0.2           | 1.0                     | 2.1      | -6.2                      | -1.9         |
| NOV.      | -3.7               | -1.2          | 10.0                    | -3.1     | -2.1                      | -11.5        | -1.5                        | 0.0           | 1.7                     | 1.6      | -5.9                      | -2.9         |
| DIC.      | -4.2               | -1.4          | 7.7                     | 1.5      | -2.4                      | -13.3        | -1.8                        | -0.1          | 2.2                     | 1.6      | -5.6                      | -3.9         |
| 2015 ENE. | -4.7               | -8.0          | 10.1                    | -7.0     | -4.5                      | 1.4          | -4.7                        | -8.0          | 10.1                    | -7.0     | -4.5                      | 1.4          |
| FEB.      | -5.7               | -9.6          | 3.3                     | 13.5     | -6.3                      | -2.9         | -5.2                        | -8.8          | 6.7                     | 3.2      | -5.4                      | -0.7         |
| MAR.      | -8.2               | -12.5         | -0.3                    | 6.6      | -7.1                      | -4.4         | -6.2                        | -10.0         | 4.3                     | 4.4      | -6.0                      | -1.9         |
| ABR.      | -11.6              | -9.9          | -2.3                    | -9.8     | -20.4                     | -10.1        | -7.5                        | -10.0         | 2.5                     | 0.8      | -9.6                      | -4.0         |
| MAY.      | -11.2              | -9.1          | 0.0                     | -7.1     | -19.3                     | -12.1        | -8.3                        | -9.8          | 2.0                     | -0.8     | -11.4                     | -5.7         |
| JUN.      | -12.2              | -10.0         | -6.2                    | -7.1     | -19.1                     | -13.9        | -8.9                        | -9.9          | 0.6                     | -1.9     | -12.7                     | -7.2         |
| JUL.      | -13.1              | -10.6         | -8.9                    | -9.0     | -19.6                     | -15.1        | -9.5                        | -10.0         | -0.8                    | -2.9     | -13.6                     | -8.4         |
| AGO.      | -14.8              | -13.0         | 0.0                     | -10.0    | -21.6                     | -16.8        | -10.2                       | -10.3         | -0.7                    | -3.8     | -14.6                     | -9.5         |
| SET.      | -18.4              | -20.2         | -1.9                    | -10.5    | -22.1                     | -16.8        | -11.1                       | -11.4         | -0.9                    | -4.5     | -15.4                     | -10.3        |
| OCT.      | -20.3              | -24.0         | 0.0                     | -1.2     | -24.3                     | -17.5        | -12.0                       | -12.6         | -0.8                    | -4.2     | -16.3                     | -11.1        |
| NOV.      | -19.3              | -23.7         | 0.0                     | -0.3     | -24.5                     | -14.2        | -12.7                       | -13.6         | -0.7                    | -3.9     | -17.0                     | -11.4        |
| DIC.      | -19.2              | -23.9         | -1.3                    | 1.0      | -23.7                     | -14.0        | -13.2                       | -14.5         | -0.8                    | -3.5     | -17.6                     | -11.6        |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                         |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                         |          |                           |              |
|-----------|--------------------|---------------|-------------------------|----------|---------------------------|--------------|-----------------------------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2016 ENE. | -16.6              | -24.6         | 0.7                     | 42.0     | -24.2                     | -10.4        | -16.6                       | -24.6         | 0.7                     | 42.0     | -24.2                     | -10.4        |
| FEB.      | -15.1              | -22.4         | 4.1                     | 21.3     | -20.8                     | -8.2         | -15.9                       | -23.5         | 2.3                     | 30.7     | -22.5                     | -9.4         |
| MAR.      | -14.5              | -18.1         | 4.4                     | -2.8     | -21.1                     | -6.6         | -15.4                       | -21.8         | 3.0                     | 18.8     | -22.1                     | -8.5         |
| ABR.      | -9.5               | -18.1         | 5.1                     | 27.1     | -9.3                      | -3.0         | -14.0                       | -20.9         | 3.5                     | 20.7     | -19.3                     | -7.1         |
| MAY.      | -10.4              | -21.8         | 3.7                     | 23.8     | -6.7                      | -0.2         | -13.3                       | -21.1         | 3.6                     | 21.2     | -17.1                     | -5.8         |
| JUN.      | -10.9              | -21.7         | 11.1                    | 24.4     | -4.8                      | -5.6         | -13.0                       | -21.2         | 4.8                     | 21.8     | -15.2                     | -5.8         |
| JUL.      | -11.5              | -21.9         | 17.7                    | 29.0     | -4.5                      | -10.5        | -12.8                       | -21.3         | 6.6                     | 22.7     | -13.8                     | -6.4         |
| AGO.      | -9.8               | -20.5         | 10.1                    | 32.4     | -2.5                      | -7.4         | -12.4                       | -21.2         | 7.1                     | 23.8     | -12.6                     | -6.6         |
| SET.      | -10.3              | -23.4         | 4.5                     | 29.0     | -2.2                      | -5.1         | -12.2                       | -21.4         | 6.8                     | 24.4     | -11.5                     | -6.4         |
| OCT.      | -10.3              | -19.7         | 4.2                     | 23.4     | -13.6                     | -3.4         | -12.0                       | -21.2         | 6.5                     | 24.3     | -11.7                     | -6.1         |
| NOV.      | -10.7              | -18.2         | 3.2                     | 23.2     | -14.4                     | -7.1         | -11.9                       | -21.0         | 6.2                     | 24.2     | -11.9                     | -6.2         |
| DIC.      | -10.4              | -17.2         | 3.2                     | 21.5     | -14.9                     | -6.8         | -11.8                       | -20.7         | 5.9                     | 24.0     | -12.2                     | -6.3         |
| 2017 ENE. | -15.3              | -16.4         | 4.6                     | -13.6    | -16.1                     | -17.0        | -15.3                       | -16.4         | 4.6                     | -13.6    | -16.1                     | -17.0        |
| FEB.      | -14.3              | -16.7         | 6.9                     | -15.5    | -16.1                     | -12.2        | -14.8                       | -16.6         | 5.7                     | -14.6    | -16.1                     | -14.6        |
| MAR.      | -12.9              | -18.0         | 5.5                     | 5.6      | -15.2                     | -11.7        | -14.2                       | -17.0         | 5.7                     | -8.7     | -15.8                     | -13.7        |
| ABR.      | -15.4              | -16.0         | 3.3                     | -4.6     | -23.7                     | -15.9        | -14.5                       | -16.8         | 5.1                     | -7.7     | -17.7                     | -14.2        |
| MAY.      | -12.1              | -11.9         | 3.3                     | 0.1      | -23.2                     | -11.9        | -14.0                       | -15.9         | 4.7                     | -6.2     | -18.8                     | -13.8        |
| JUN.      | -10.7              | -10.2         | -2.2                    | 0.0      | -23.9                     | -7.6         | -13.5                       | -14.9         | 3.5                     | -5.2     | -19.7                     | -12.8        |
| JUL.      | -8.9               | -8.5          | -7.7                    | 0.8      | -23.6                     | -2.2         | -12.8                       | -14.1         | 1.8                     | -4.4     | -20.2                     | -11.3        |
| AGO.      | -13.3              | -10.4         | -12.3                   | 0.0      | -24.5                     | -14.8        | -12.9                       | -13.6         | -0.1                    | -3.8     | -20.8                     | -11.7        |
| SET.      | -7.7               | 4.3           | -8.9                    | 5.1      | -26.5                     | -16.0        | -12.4                       | -11.9         | -1.1                    | -2.8     | -21.4                     | -12.2        |
| OCT.      | -5.2               | 4.8           | -10.4                   | 6.6      | -16.3                     | -16.1        | -11.7                       | -10.5         | -2.0                    | -1.9     | -20.9                     | -12.6        |
| NOV.      | -5.8               | 3.4           | -12.2                   | 5.2      | -15.7                     | -15.9        | -11.2                       | -9.3          | -3.0                    | -1.3     | -20.5                     | -12.9        |
| DIC.      | -5.3               | 4.5           | -12.0                   | 5.0      | -15.4                     | -15.8        | -10.7                       | -8.3          | -3.7                    | -0.8     | -20.1                     | -13.1        |
| 2018 ENE. | -3.1               | 4.2           | -12.9                   | 6.1      | -13.7                     | -9.4         | -3.1                        | 4.2           | -12.9                   | 6.1      | -13.7                     | -9.4         |
| FEB.      | -4.5               | 4.2           | -15.8                   | 7.0      | -15.9                     | -13.3        | -3.8                        | 4.2           | -14.4                   | 6.5      | -14.8                     | -11.4        |
| MAR.      | -4.4               | 3.7           | -16.5                   | 5.9      | -15.1                     | -11.9        | -4.0                        | 4.0           | -15.1                   | 6.3      | -14.9                     | -11.5        |
| ABR.      | 0.0                | 4.8           | -8.4                    | 7.8      | -3.0                      | -7.3         | -3.0                        | 4.2           | -13.4                   | 6.7      | -12.2                     | -10.5        |
| MAY.      | -0.7               | 8.1           | -4.4                    | 3.4      | -5.7                      | -12.0        | -2.5                        | 5.0           | -11.6                   | 6.0      | -11.0                     | -10.8        |
| JUN.      | -2.3               | 4.9           | -4.7                    | 2.9      | -6.6                      | -12.4        | -2.5                        | 5.0           | -10.5                   | 5.5      | -10.3                     | -11.1        |
| JUL.      | -3.4               | 4.3           | -3.8                    | 1.0      | -6.1                      | -15.4        | -2.6                        | 4.9           | -9.6                    | 4.8      | -9.7                      | -11.7        |
| AGO.      | -0.3               | 6.4           | 0.0                     | -1.3     | -6.7                      | -7.5         | -2.3                        | 5.1           | -8.4                    | 4.0      | -9.4                      | -11.2        |
| SET.      | -0.9               | 4.6           | -0.7                    | -4.9     | -3.0                      | -6.8         | -2.2                        | 5.0           | -7.6                    | 3.0      | -8.7                      | -10.8        |
| OCT.      | -1.3               | 0.7           | 23.8                    | -5.2     | -2.9                      | -7.0         | -2.1                        | 4.6           | -4.7                    | 2.1      | -8.2                      | -10.4        |
| NOV.      | -1.5               | 0.8           | 23.0                    | -4.0     | -1.1                      | -9.5         | -2.0                        | 4.2           | -2.4                    | 1.5      | -7.6                      | -10.4        |
| DIC.      | -2.6               | -1.7          | 23.5                    | -1.4     | -2.9                      | -9.9         | -2.1                        | 3.7           | -0.4                    | 1.3      | -7.2                      | -10.3        |
| 2019 ENE. | -4.0               | -2.6          | 24.8                    | -3.1     | -3.2                      | -13.5        | -4.0                        | -2.6          | 24.8                    | -3.1     | -3.2                      | -13.5        |
| FEB.      | -2.7               | 0.0           | 26.5                    | -4.2     | -2.6                      | -13.7        | -3.3                        | -1.3          | 25.6                    | -3.7     | -2.9                      | -13.6        |
| MAR.      | -1.3               | 2.1           | 27.4                    | -5.9     | -2.4                      | -11.1        | -2.7                        | -0.2          | 26.2                    | -4.4     | -2.7                      | -12.8        |
| ABR.      | -2.9               | 1.1           | 16.9                    | -6.5     | -2.8                      | -13.2        | -2.7                        | 0.2           | 23.8                    | -4.9     | -2.7                      | -12.9        |
| MAY.      | -2.2               | -0.2          | 10.6                    | -3.2     | -0.3                      | -10.1        | -2.6                        | 0.1           | 21.0                    | -4.6     | -2.3                      | -12.3        |
| JUN.      | -1.9               | 0.2           | 10.4                    | -4.1     | 0.2                       | -9.6         | -2.5                        | 0.1           | 19.1                    | -4.5     | -1.9                      | -11.8        |
| JUL.      | -1.4               | -0.4          | 11.3                    | -1.4     | -0.8                      | -7.3         | -2.3                        | 0.0           | 18.0                    | -4.1     | -1.7                      | -11.2        |
| AGO.      | -0.2               | 0.0           | 9.2                     | 2.4      | -0.7                      | -4.8         | -2.1                        | 0.0           | 16.8                    | -3.3     | -1.6                      | -10.4        |
| SET.      | 0.0                | -0.9          | 11.4                    | 3.8      | -2.0                      | -2.7         | -1.8                        | -0.1          | 16.2                    | -2.5     | -1.6                      | -9.6         |
| OCT.      | -0.8               | 1.1           | -9.1                    | 3.7      | -2.9                      | -4.1         | -1.7                        | 0.1           | 13.2                    | -1.9     | -1.8                      | -9.0         |
| NOV. P/   | 0.4                | 0.3           | 3.4                     | 7.9      | -4.5                      | -1.6         | -1.5                        | 0.1           | 12.1                    | -1.0     | -2.0                      | -8.4         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                        |          |                           |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                        |          |                           |              |
|-----------|--------------------|---------------|------------------------|----------|---------------------------|--------------|-----------------------------|---------------|------------------------|----------|---------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturer | Comercio | Transp., almac., y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturer | Comercio | Transp., almac., y comun. | Servicios 4/ |
| 2004 ENE. | 6.9                | -12.0         | -9.6                   | -23.9    | -3.5                      | 40.8         | 6.9                         | -12.0         | -9.6                   | -23.9    | -3.5                      | 40.8         |
| FEB.      | 6.4                | -13.4         | -5.0                   | -24.4    | 2.2                       | 36.9         | 6.6                         | -12.7         | -7.3                   | -24.2    | -0.7                      | 38.9         |
| MAR.      | 9.1                | -10.9         | -6.6                   | -12.7    | 2.1                       | 35.9         | 7.4                         | -12.1         | -7.1                   | -20.7    | 0.2                       | 37.9         |
| ABR.      | 5.7                | 1.7           | -9.8                   | -4.6     | 2.7                       | 12.6         | 7.0                         | -8.6          | -7.7                   | -17.2    | 0.9                       | 30.0         |
| MAY.      | 4.4                | 2.3           | -11.4                  | -3.2     | 0.1                       | 10.4         | 6.4                         | -6.4          | -8.5                   | -14.8    | 0.7                       | 25.2         |
| JUN.      | 8.7                | 12.3          | -16.5                  | -13.4    | -0.2                      | 17.8         | 6.8                         | -3.6          | -9.8                   | -14.6    | 0.5                       | 23.8         |
| JUL.      | -1.3               | 12.0          | -26.6                  | -17.5    | 7.6                       | -5.3         | 5.5                         | -1.5          | -12.1                  | -15.0    | 1.6                       | 18.3         |
| AGO.      | -1.9               | 21.1          | -48.7                  | -22.9    | 8.3                       | -6.0         | 4.5                         | 1.2           | -16.6                  | -15.9    | 2.4                       | 14.4         |
| SET.      | -0.2               | 18.0          | -47.9                  | -7.3     | 8.8                       | -5.3         | 4.0                         | 2.9           | -19.9                  | -15.0    | 3.1                       | 11.8         |
| OCT.      | 5.5                | 27.8          | -49.5                  | -0.9     | 16.1                      | -1.4         | 4.1                         | 5.3           | -22.7                  | -13.7    | 4.4                       | 10.2         |
| NOV.      | 13.9               | 35.8          | -23.6                  | -15.7    | 16.7                      | 12.6         | 5.1                         | 7.8           | -22.8                  | -13.9    | 5.6                       | 10.4         |
| DIC.      | 15.4               | 35.4          | -32.8                  | -9.5     | 22.0                      | 14.8         | 5.9                         | 9.9           | -23.6                  | -13.6    | 6.9                       | 10.9         |
| 2005 ENE. | 11.3               | 30.1          | -26.6                  | -8.9     | 25.5                      | 0.8          | 11.3                        | 30.1          | -26.6                  | -8.9     | 25.5                      | 0.8          |
| FEB.      | 5.6                | 34.7          | -21.5                  | -9.7     | 25.9                      | -22.3        | 8.5                         | 32.5          | -24.0                  | -9.3     | 25.7                      | -10.6        |
| MAR.      | 17.8               | 36.4          | -15.6                  | 54.1     | 22.5                      | -11.0        | 11.6                        | 33.8          | -21.2                  | 11.9     | 24.6                      | -10.7        |
| ABR.      | 16.4               | 20.2          | -11.9                  | 52.2     | 16.4                      | 2.4          | 12.9                        | 29.9          | -19.0                  | 21.9     | 22.5                      | -7.2         |
| MAY.      | 12.5               | 19.9          | -8.0                   | 5.5      | 15.6                      | 7.5          | 12.8                        | 27.8          | -16.9                  | 18.6     | 21.1                      | -4.0         |
| JUN.      | 13.8               | 23.5          | -3.8                   | 9.0      | 18.7                      | 5.5          | 13.0                        | 27.0          | -14.9                  | 17.1     | 20.6                      | -2.3         |
| JUL.      | 15.3               | 33.9          | 20.0                   | 1.4      | 6.7                       | 3.8          | 13.3                        | 28.1          | -10.9                  | 15.1     | 18.5                      | -1.4         |
| AGO.      | 21.2               | 30.6          | 76.4                   | 17.9     | 11.3                      | 6.8          | 14.3                        | 28.4          | -4.3                   | 15.4     | 17.5                      | -0.3         |
| SET.      | 22.2               | 36.6          | 82.7                   | -1.7     | 9.6                       | 11.5         | 15.2                        | 29.4          | 1.6                    | 13.4     | 16.6                      | 1.0          |
| OCT.      | 18.8               | 26.0          | 85.8                   | 5.6      | 6.0                       | 10.4         | 15.6                        | 29.0          | 6.8                    | 12.6     | 15.4                      | 2.0          |
| NOV.      | 11.9               | 18.0          | 23.5                   | 23.8     | -0.4                      | 3.9          | 15.2                        | 27.8          | 8.3                    | 13.6     | 13.8                      | 2.2          |
| DIC.      | 13.1               | 22.9          | 41.2                   | 22.7     | -0.1                      | 1.2          | 15.0                        | 27.4          | 10.6                   | 14.4     | 12.5                      | 2.1          |
| 2006 ENE. | 13.1               | 28.2          | 25.7                   | 9.7      | -2.0                      | 6.4          | 13.1                        | 28.2          | 25.7                   | 9.7      | -2.0                      | 6.4          |
| FEB.      | 11.7               | 24.7          | 15.5                   | -2.8     | -5.7                      | 18.5         | 12.4                        | 26.4          | 20.4                   | 3.5      | -3.9                      | 11.6         |
| MAR.      | 3.2                | 16.3          | 4.2                    | -41.4    | -0.5                      | 20.0         | 9.1                         | 22.9          | 14.6                   | -17.2    | -2.8                      | 14.4         |
| ABR.      | 4.1                | 15.1          | 5.1                    | -39.8    | -1.2                      | 20.4         | 7.7                         | 20.8          | 12.2                   | -24.2    | -2.4                      | 16.2         |
| MAY.      | 13.3               | 18.1          | 0.0                    | 0.1      | 3.0                       | 23.8         | 8.9                         | 20.3          | 9.6                    | -19.9    | -1.3                      | 18.0         |
| JUN.      | 11.5               | 16.6          | 0.5                    | 4.5      | -0.1                      | 20.3         | 9.4                         | 19.6          | 8.1                    | -16.3    | -1.1                      | 18.5         |
| JUL.      | 10.7               | 7.1           | -7.4                   | 3.3      | 15.3                      | 21.5         | 9.6                         | 17.6          | 5.6                    | -14.1    | 1.2                       | 19.0         |
| AGO.      | 5.6                | -2.2          | -5.5                   | -5.8     | 11.5                      | 18.6         | 9.0                         | 14.8          | 4.1                    | -13.2    | 2.5                       | 18.9         |
| SET.      | 6.4                | -2.3          | -7.2                   | -4.5     | 17.2                      | 17.6         | 8.7                         | 12.6          | 2.7                    | -12.3    | 4.1                       | 18.7         |
| OCT.      | 7.1                | 0.8           | -3.3                   | -10.3    | 18.5                      | 16.5         | 8.5                         | 11.3          | 2.1                    | -12.1    | 5.6                       | 18.5         |
| NOV.      | 5.9                | 5.9           | -7.0                   | -2.5     | 24.3                      | 5.9          | 8.3                         | 10.8          | 1.2                    | -11.2    | 7.3                       | 17.1         |
| DIC.      | 8.4                | 5.3           | -6.8                   | 2.2      | 25.7                      | 10.8         | 8.3                         | 10.3          | 0.4                    | -10.0    | 8.8                       | 16.5         |
| 2007 ENE. | 10.5               | 3.8           | -3.3                   | 13.5     | 40.2                      | 7.2          | 10.5                        | 3.8           | -3.3                   | 13.5     | 40.2                      | 7.2          |
| FEB.      | 10.0               | 5.9           | -4.2                   | 14.9     | 44.3                      | 3.4          | 10.3                        | 4.8           | -3.7                   | 14.1     | 42.2                      | 5.4          |
| MAR.      | 8.3                | 3.4           | -0.3                   | 14.0     | 47.4                      | -4.3         | 9.6                         | 4.4           | -2.6                   | 14.1     | 44.0                      | 2.0          |
| ABR.      | 6.6                | 3.6           | -3.5                   | -8.3     | 50.1                      | -2.9         | 8.8                         | 4.2           | -2.8                   | 8.6      | 45.6                      | 0.5          |
| MAY.      | 3.1                | 0.4           | -3.4                   | -19.7    | 63.1                      | -11.2        | 7.6                         | 3.4           | -3.0                   | 2.3      | 49.1                      | -2.4         |
| JUN.      | 8.6                | -0.5          | 0.0                    | -4.2     | 61.2                      | -3.5         | 7.7                         | 2.8           | -2.5                   | 1.1      | 51.2                      | -2.7         |
| JUL.      | 6.4                | 5.8           | 4.0                    | 7.0      | 23.8                      | -3.3         | 7.5                         | 3.2           | -1.6                   | 1.9      | 46.9                      | -2.8         |
| AGO.      | 6.6                | 8.3           | -1.7                   | 11.5     | 22.6                      | -3.9         | 7.4                         | 3.8           | -1.6                   | 3.1      | 43.5                      | -2.9         |
| SET.      | 2.4                | 4.5           | 1.8                    | 1.2      | 9.9                       | -4.4         | 6.8                         | 3.9           | -1.2                   | 2.9      | 39.3                      | -3.1         |
| OCT.      | 0.4                | 3.8           | -1.0                   | -16.4    | 7.6                       | -1.5         | 6.1                         | 3.9           | -1.2                   | 1.0      | 35.7                      | -2.9         |
| NOV.      | -0.7               | 3.5           | -2.3                   | -31.3    | 3.6                       | 3.4          | 5.5                         | 3.9           | -1.3                   | -2.5     | 32.3                      | -2.3         |
| DIC.      | -2.7               | 2.4           | -3.2                   | -27.4    | 0.2                       | -1.4         | 4.7                         | 3.7           | -1.5                   | -4.9     | 29.3                      | -2.2         |
| 2008 ENE. | -6.3               | 7.3           | -5.6                   | -21.0    | -8.5                      | -10.4        | -6.3                        | 7.3           | -5.6                   | -21.0    | -8.5                      | -10.4        |
| FEB.      | -7.4               | 8.2           | -5.4                   | -16.0    | -12.6                     | -12.0        | -6.8                        | 7.8           | -5.5                   | -18.6    | -10.6                     | -11.1        |
| MAR.      | 0.2                | 12.7          | 0.0                    | -13.4    | -17.9                     | 9.7          | -4.5                        | 9.4           | -3.7                   | -16.9    | -13.2                     | -4.2         |
| ABR.      | 2.4                | 9.9           | 0.6                    | 8.4      | -19.1                     | 11.1         | -2.7                        | 9.5           | -2.7                   | -11.7    | -14.7                     | 0.3          |
| MAY.      | 0.6                | 11.5          | 3.4                    | 1.5      | -29.6                     | 13.7         | -2.0                        | 9.9           | -1.5                   | -9.4     | -18.0                     | 3.4          |
| JUN.      | -6.7               | 10.6          | 0.1                    | -22.1    | -30.2                     | 3.6          | -2.8                        | 10.0          | -1.2                   | -11.6    | -20.3                     | 3.4          |
| JUL.      | -0.8               | 1.9           | -1.2                   | -6.2     | -15.5                     | 9.4          | -2.5                        | 8.8           | -1.2                   | -10.8    | -19.7                     | 4.4          |
| AGO.      | -0.1               | 4.8           | 1.5                    | -9.4     | -14.9                     | 10.4         | -2.2                        | 8.3           | -0.9                   | -10.6    | -19.1                     | 5.2          |
| SET.      | 6.8                | 9.0           | 9.9                    | 2.8      | -7.7                      | 14.9         | -1.2                        | 8.4           | 0.3                    | -9.2     | -18.0                     | 6.4          |
| OCT.      | 6.9                | 9.8           | 13.3                   | 10.3     | -8.3                      | 11.3         | -0.4                        | 8.5           | 1.6                    | -7.6     | -17.1                     | 7.0          |
| NOV.      | 4.3                | 6.8           | 11.3                   | 8.2      | -8.3                      | 7.6          | 0.1                         | 8.4           | 2.5                    | -6.4     | -16.4                     | 7.1          |
| DIC.      | 4.9                | 5.5           | 14.1                   | 2.3      | -6.8                      | 9.9          | 0.5                         | 8.1           | 3.5                    | -5.7     | -15.7                     | 7.3          |
| 2009 ENE. | 4.8                | 0.3           | 10.2                   | -12.1    | -20.4                     | 31.3         | 4.8                         | 0.3           | 10.2                   | -12.1    | -20.4                     | 31.3         |
| FEB.      | 7.0                | -2.7          | 0.7                    | 0.3      | -22.8                     | 45.5         | 5.9                         | -1.2          | 5.5                    | -6.1     | -21.6                     | 37.6         |
| MAR.      | 2.0                | -3.4          | 6.4                    | -4.1     | -20.1                     | 20.0         | 4.5                         | -2.0          | 5.8                    | -5.4     | -21.1                     | 30.9         |
| ABR.      | 2.4                | -3.6          | 10.1                   | -4.7     | -21.7                     | 13.6         | 3.9                         | -2.4          | 6.9                    | -5.2     | -21.2                     | 25.3         |
| MAY.      | 5.6                | -3.3          | 47.9                   | -3.6     | -19.5                     | 9.1          | 4.3                         | -2.6          | 15.0                   | -4.9     | -20.9                     | 21.1         |
| JUN.      | 9.4                | -0.3          | 40.3                   | 11.8     | -19.9                     | 13.8         | 5.2                         | -2.2          | 19.1                   | -2.4     | -20.8                     | 19.7         |
| JUL.      | 6.7                | -0.2          | 35.5                   | 3.0      | -22.2                     | 11.2         | 5.4                         | -1.9          | 21.5                   | -1.6     | -20.9                     | 18.3         |
| AGO.      | 6.8                | -2.3          | 49.3                   | -2.1     | -23.7                     | 12.6         | 5.6                         | -2.0          | 25.1                   | -1.6     | -21.3                     | 17.4         |
| SET.      | 2.9                | -1.6          | 36.8                   | -7.6     | -25.6                     | 7.9          | 5.3                         | -1.9          | 26.6                   | -2.4     | -21.8                     | 16.2         |
| OCT.      | 3.8                | -2.1          | 37.9                   | 5.5      | -25.2                     | 6.0          | 5.1                         | -1.9          | 27.9                   | -1.6     | -22.1                     | 15.0         |
| NOV.      | 5.2                | -0.9          | 49.9                   | 7.0      | -29.2                     | 7.7          | 5.1                         | -1.8          | 30.0                   | -0.9     | -22.7                     | 14.2         |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |                  |                           |          |                              |                 | VARIACIÓN PROMEDIO ANUAL 2/ |                  |                           |          |                              |                 |      |
|-----------|--------------------|------------------|---------------------------|----------|------------------------------|-----------------|-----------------------------|------------------|---------------------------|----------|------------------------------|-----------------|------|
|           | Total              | Extractiva<br>3/ | Industria<br>manufacturer | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ | Total                       | Extractiva<br>3/ | Industria<br>manufacturer | Comercio | Transp., almac.,<br>y comun. | Servicios<br>4/ |      |
| 2010      | DIC.               | 4.5              | -0.9                      | 37.7     | 14.9                         | -29.2           | 5.9                         | 5.1              | -1.8                      | 30.7     | 0.4                          | -23.3           | 13.4 |
|           | ENE.               | 1.1              | -0.2                      | 35.5     | 14.6                         | -15.8           | -8.4                        | 1.1              | -0.2                      | 35.5     | 14.6                         | -15.8           | -8.4 |
|           | FEB.               | 7.2              | -1.7                      | 47.9     | 3.7                          | -11.0           | 4.9                         | 4.0              | -1.0                      | 41.4     | 8.9                          | -13.4           | -2.2 |
|           | MAR.               | 12.4             | 0.0                       | 69.6     | 2.8                          | -26.6           | 16.4                        | 6.9              | -0.7                      | 51.1     | 6.8                          | -17.9           | 4.3  |
|           | ABR.               | 7.8              | 2.2                       | 65.6     | 2.3                          | -25.1           | 6.4                         | 7.2              | 0.1                       | 54.9     | 5.7                          | -19.7           | 4.9  |
|           | MAY.               | 4.9              | 4.1                       | 32.6     | 4.8                          | -28.4           | 5.8                         | 6.7              | 0.8                       | 49.2     | 5.5                          | -21.4           | 5.1  |
|           | JUN.               | 3.9              | 1.1                       | 42.0     | 1.0                          | -30.3           | 4.5                         | 6.2              | 0.9                       | 47.8     | 4.7                          | -22.8           | 5.0  |
|           | JUL.               | 0.9              | 2.6                       | 37.5     | -8.7                         | -28.3           | 0.3                         | 5.3              | 1.1                       | 46.1     | 2.6                          | -23.6           | 4.3  |
|           | AGO.               | 1.1              | 2.7                       | 14.5     | 5.0                          | -27.8           | 0.5                         | 4.8              | 1.3                       | 41.3     | 2.9                          | -24.1           | 3.7  |
|           | SET.               | 1.2              | 1.1                       | 15.8     | 8.9                          | -26.2           | -0.2                        | 4.3              | 1.3                       | 37.8     | 3.6                          | -24.3           | 3.2  |
|           | OCT.               | 0.8              | 0.5                       | 17.6     | 5.2                          | -25.7           | -0.5                        | 4.0              | 1.2                       | 35.4     | 3.7                          | -24.5           | 2.8  |
|           | NOV.               | 0.3              | 1.3                       | 12.2     | 2.7                          | -19.4           | -2.1                        | 3.6              | 1.2                       | 32.7     | 3.7                          | -24.0           | 2.4  |
| 2011      | DIC.               | -0.8             | -0.6                      | 24.6     | -5.3                         | -18.9           | -3.5                        | 3.2              | 1.1                       | 31.9     | 2.8                          | -23.6           | 1.8  |
|           | ENE.               | 7.6              | 0.1                       | 29.1     | 13.0                         | -14.8           | 6.8                         | 7.6              | 0.1                       | 29.1     | 13.0                         | -14.8           | 6.8  |
|           | FEB.               | 7.2              | 6.0                       | 34.8     | 15.5                         | -14.3           | -0.1                        | 7.4              | 3.0                       | 31.9     | 14.2                         | -14.6           | 3.3  |
|           | MAR.               | 2.0              | 5.4                       | 10.5     | 14.6                         | 5.1             | -7.2                        | 5.5              | 3.8                       | 23.6     | 14.3                         | -8.7            | -0.8 |
|           | ABR.               | 0.0              | 1.4                       | 8.9      | 16.7                         | 13.1            | -10.8                       | 4.0              | 3.2                       | 19.6     | 14.9                         | -3.6            | -3.8 |
|           | MAY.               | 2.8              | 0.9                       | 2.6      | 19.0                         | 22.9            | -3.9                        | 3.7              | 2.7                       | 15.7     | 15.7                         | 1.1             | -3.8 |
|           | JUN.               | 7.2              | 5.1                       | 0.8      | 17.5                         | 69.6            | -3.5                        | 4.3              | 3.1                       | 12.9     | 16.0                         | 11.2            | -3.8 |
|           | JUL.               | 10.5             | 8.7                       | 4.1      | 18.7                         | 62.4            | 1.3                         | 5.3              | 3.9                       | 11.6     | 16.4                         | 17.8            | -3.0 |
|           | AGO.               | 8.1              | 9.4                       | 5.0      | 8.7                          | 69.6            | -2.4                        | 5.6              | 4.6                       | 10.8     | 15.4                         | 23.8            | -2.9 |
|           | SET.               | 6.8              | 7.9                       | -4.7     | 9.4                          | 74.2            | -2.8                        | 5.8              | 5.0                       | 9.0      | 14.6                         | 29.0            | -2.9 |
|           | OCT.               | 7.0              | 8.1                       | -12.6    | 16.5                         | 67.1            | -2.3                        | 5.9              | 5.3                       | 6.7      | 14.8                         | 32.6            | -2.8 |
|           | NOV.               | 7.4              | 7.4                       | -6.3     | 10.3                         | 56.7            | 0.8                         | 6.0              | 5.5                       | 5.5      | 14.4                         | 34.7            | -2.5 |
| 2012      | DIC.               | 9.7              | 10.4                      | -11.3    | 15.8                         | 59.5            | 3.5                         | 6.3              | 5.9                       | 3.9      | 14.5                         | 36.7            | -2.0 |
|           | ENE.               | 4.9              | 8.4                       | -9.2     | 0.6                          | 43.8            | -0.1                        | 4.9              | 8.4                       | -9.2     | 0.6                          | 43.8            | -0.1 |
|           | FEB.               | 6.8              | 7.9                       | -17.8    | 3.5                          | 44.5            | 6.2                         | 5.8              | 8.1                       | -13.6    | 2.0                          | 44.1            | 2.9  |
|           | MAR.               | 9.1              | 9.3                       | -23.4    | 11.1                         | 35.6            | 10.9                        | 7.0              | 8.5                       | -17.0    | 5.0                          | 41.2            | 5.8  |
|           | ABR.               | 3.5              | 6.4                       | -26.0    | 4.5                          | 31.8            | 3.0                         | 6.1              | 8.0                       | -19.3    | 4.9                          | 38.6            | 5.1  |
|           | MAY.               | 1.6              | 3.7                       | -21.8    | 5.8                          | 26.1            | -1.8                        | 5.1              | 7.2                       | -19.8    | 5.1                          | 35.9            | 3.5  |
|           | JUN.               | 0.8              | 3.6                       | -21.4    | 6.8                          | -5.1            | 3.2                         | 4.3              | 6.5                       | -20.0    | 5.4                          | 26.7            | 3.4  |
|           | JUL.               | -1.5             | -1.1                      | -19.4    | 1.7                          | 0.0             | 0.8                         | 3.4              | 5.4                       | -20.0    | 4.8                          | 21.9            | 3.0  |
|           | AGO.               | -0.9             | -6.4                      | -19.0    | 5.5                          | -0.8            | 4.0                         | 2.9              | 3.9                       | -19.8    | 4.9                          | 18.4            | 3.1  |
|           | SET.               | 0.5              | -0.8                      | -13.9    | 5.0                          | -4.9            | 3.5                         | 2.6              | 3.3                       | -19.2    | 4.9                          | 15.1            | 3.2  |
|           | OCT.               | 0.7              | -4.9                      | -8.5     | 1.8                          | -0.8            | 5.4                         | 2.4              | 2.5                       | -18.3    | 4.6                          | 13.2            | 3.4  |
|           | NOV.               | 2.8              | -2.5                      | -19.3    | 16.3                         | 3.5             | 5.8                         | 2.4              | 2.0                       | -18.4    | 5.6                          | 12.2            | 3.6  |
| 2013      | DIC.               | 3.2              | -4.4                      | -15.6    | 14.4                         | 1.7             | 7.4                         | 2.5              | 1.5                       | -18.2    | 6.4                          | 11.2            | 4.0  |
|           | ENE.               | 1.0              | -9.4                      | -12.9    | 17.5                         | -2.8            | 5.3                         | 1.0              | -9.4                      | -12.9    | 17.5                         | -2.8            | 5.3  |
|           | FEB.               | -1.3             | -14.2                     | -7.4     | 18.0                         | -6.4            | 1.4                         | -0.2             | -11.9                     | -10.3    | 17.8                         | -4.6            | 3.3  |
|           | MAR.               | -5.7             | -16.1                     | -2.0     | 5.4                          | -5.6            | -5.4                        | -2.1             | -13.3                     | -7.6     | 13.4                         | -4.9            | 0.0  |
|           | ABR.               | 1.6              | -7.6                      | -0.5     | 9.6                          | -12.4           | 5.9                         | -1.2             | -11.9                     | -6.0     | 12.5                         | -6.8            | 1.6  |
|           | MAY.               | 3.1              | -5.5                      | -5.9     | 13.1                         | -10.0           | 7.6                         | -0.3             | -10.7                     | -6.0     | 12.6                         | -7.5            | 2.9  |
|           | JUN.               | 1.1              | -6.6                      | -5.4     | 12.3                         | -11.6           | 3.8                         | -0.1             | -10.0                     | -5.9     | 12.5                         | -8.2            | 3.1  |
|           | JUL.               | 2.5              | -2.8                      | -8.4     | 10.4                         | -12.4           | 7.0                         | 0.3              | -9.0                      | -6.2     | 12.2                         | -8.8            | 3.7  |
|           | AGO.               | 4.0              | 3.4                       | 0.6      | 3.8                          | -15.4           | 7.9                         | 0.8              | -7.5                      | -5.4     | 11.2                         | -9.7            | 4.3  |
|           | SET.               | 1.9              | -1.4                      | 4.0      | 5.7                          | -23.1           | 5.2                         | 0.9              | -6.9                      | -4.4     | 10.5                         | -11.2           | 4.4  |
|           | OCT.               | 2.9              | 5.1                       | 4.1      | 5.4                          | -20.7           | 3.4                         | 1.1              | -5.7                      | -3.6     | 10.0                         | -12.2           | 4.3  |
|           | NOV.               | 3.3              | 1.9                       | 6.4      | 7.4                          | -20.7           | 4.2                         | 1.3              | -5.0                      | -2.7     | 9.7                          | -13.0           | 4.3  |
| 2014      | DIC.               | 0.0              | 2.7                       | 4.0      | -3.5                         | -21.3           | 2.0                         | 1.2              | -4.4                      | -2.2     | 8.5                          | -13.7           | 4.1  |
|           | ENE.               | 8.1              | 9.4                       | -2.9     | 0.6                          | -17.7           | 17.3                        | 8.1              | 9.4                       | -2.9     | 0.6                          | -17.7           | 17.3 |
|           | FEB.               | 10.7             | 11.2                      | 1.5      | -3.2                         | -16.1           | 24.4                        | 9.4              | 10.3                      | -0.7     | -1.3                         | -16.9           | 20.8 |
|           | MAR.               | 8.8              | 11.8                      | 4.3      | 16.0                         | -15.2           | 6.3                         | 9.2              | 10.8                      | 1.0      | 4.3                          | -16.3           | 15.6 |
|           | ABR.               | 6.5              | 9.3                       | 11.0     | 15.7                         | -12.7           | 1.2                         | 8.5              | 10.4                      | 3.4      | 7.1                          | -15.4           | 11.5 |
|           | MAY.               | 3.6              | 9.9                       | 9.8      | 6.4                          | -13.2           | -1.3                        | 7.4              | 10.3                      | 4.7      | 7.0                          | -15.0           | 8.6  |
|           | JUN.               | 3.8              | 10.0                      | 9.8      | 6.1                          | -13.7           | -0.4                        | 6.8              | 10.3                      | 5.5      | 6.8                          | -14.8           | 6.9  |
|           | JUL.               | 6.3              | 9.9                       | 14.1     | 13.2                         | -12.7           | 1.8                         | 6.7              | 10.2                      | 6.7      | 7.7                          | -14.5           | 6.1  |
|           | AGO.               | 5.5              | 8.8                       | 6.6      | 15.7                         | -13.7           | 1.4                         | 6.5              | 10.0                      | 6.7      | 8.7                          | -14.4           | 5.4  |
|           | SET.               | 5.1              | 8.3                       | 3.1      | 11.5                         | -12.5           | 4.0                         | 6.4              | 9.8                       | 6.3      | 9.0                          | -14.2           | 5.2  |
|           | OCT.               | 1.7              | 3.8                       | -0.8     | 0.3                          | -16.2           | 5.2                         | 5.9              | 9.2                       | 5.6      | 8.1                          | -14.4           | 5.2  |
|           | NOV.               | 0.0              | 4.6                       | 0.3      | -7.3                         | -16.2           | 4.5                         | 5.3              | 8.7                       | 5.1      | 6.6                          | -14.6           | 5.1  |
| 2015      | DIC.               | 1.8              | 3.7                       | 0.9      | 0.9                          | -15.6           | 4.6                         | 5.0              | 8.3                       | 4.7      | 6.1                          | -14.6           | 5.1  |
|           | ENE.               | 0.6              | 3.9                       | 2.1      | -5.3                         | -7.7            | 2.8                         | 0.6              | 3.9                       | 2.1      | -5.3                         | -7.7            | 2.8  |
|           | FEB.               | -4.8             | 1.7                       | -5.7     | -4.8                         | -11.2           | -7.5                        | -2.1             | 2.8                       | -1.9     | -5.1                         | -9.5            | -2.4 |
|           | MAR.               | -6.9             | 2.2                       | -16.8    | -15.8                        | -13.0           | -2.6                        | -3.8             | 2.6                       | -7.1     | -8.9                         | -10.7           | -2.5 |
|           | ABR.               | -7.8             | 1.1                       | -17.6    | -15.0                        | -13.0           | -4.8                        | -4.8             | 2.2                       | -9.8     | -10.5                        | -11.2           | -3.1 |
|           | MAY.               | -6.0             | 4.2                       | -15.1    | -9.9                         | -14.9           | -5.0                        | -5.1             | 2.6                       | -10.9    | -10.4                        | -12.0           | -3.5 |
|           | JUN.               | -6.6             | 1.0                       | -17.8    | -9.9                         | -14.4           | -4.5                        | -5.3             | 2.3                       | -12.1    | -10.3                        | -12.4           | -3.7 |
|           | JUL.               | -9.0             | -0.9                      | -19.9    | -10.4                        | -16.0           | -8.3                        | -5.9             | 1.8                       | -13.3    | -10.3                        | -12.9           | -4.4 |
|           | AGO.               | -11.0            | -5.7                      | -18.3    | -12.5                        | -16.8           | -10.1                       | -6.5             | 0.9                       | -13.9    | -10.6                        | -13.4           | -5.2 |
|           | SET.               | -10.4            | -5.0                      | -17.0    | -8.2                         | -13.6           | -12.3                       | -7.0             | 0.2                       | -14.3    | -10.4                        | -13.4           | -6.0 |
| OCT.      | -8.4               | -2.0             | -14.4                     | 3.7      | -24.3                        | -13.3           | -7.1                        | 0.0              | -14.3                     | -9.1     | -14.4                        | -6.8            |      |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 2019**  
(Variación porcentual)

| AÑO Y MES | VARIACIÓN ANUAL 1/ |               |                        |          |                          |              | VARIACIÓN PROMEDIO ANUAL 2/ |               |                        |          |                          |              |
|-----------|--------------------|---------------|------------------------|----------|--------------------------|--------------|-----------------------------|---------------|------------------------|----------|--------------------------|--------------|
|           | Total              | Extractiva 3/ | Industria manufacturer | Comercio | Transp., almac. y comun. | Servicios 4/ | Total                       | Extractiva 3/ | Industria manufacturer | Comercio | Transp., almac. y comun. | Servicios 4/ |
| NOV.      | -6.4               | 0.3           | -11.3                  | 7.0      | -24.3                    | -12.0        | -7.1                        | 0.0           | -14.0                  | -7.7     | -15.2                    | -7.3         |
| DIC.      | -6.5               | 1.2           | -13.3                  | 8.9      | -24.3                    | -12.9        | -7.0                        | 0.1           | -13.9                  | -6.4     | -15.9                    | -7.8         |
| ENE.      | -1.3               | 1.9           | -10.5                  | 16.0     | -26.9                    | -3.7         | -1.3                        | 1.9           | -10.5                  | 16.0     | -26.9                    | -3.7         |
| FEB.      | 1.7                | 6.2           | -7.3                   | 23.8     | -25.3                    | -3.7         | 0.1                         | 4.0           | -8.9                   | 19.9     | -26.1                    | -3.7         |
| MAR.      | 0.5                | 4.7           | -11.1                  | 20.0     | -25.2                    | -3.7         | 0.2                         | 4.3           | -9.6                   | 19.9     | -25.8                    | -3.7         |
| ABR.      | 1.6                | 4.1           | -9.9                   | 13.6     | -23.8                    | 1.4          | 0.6                         | 4.2           | -9.7                   | 18.4     | -25.3                    | -2.4         |
| MAY.      | 0.9                | -3.6          | -10.4                  | 8.1      | -23.8                    | 7.1          | 0.7                         | 2.6           | -9.8                   | 16.3     | -25.0                    | -0.5         |
| JUN.      | -0.3               | -9.8          | 1.2                    | 6.4      | -14.7                    | 4.0          | 0.5                         | 0.5           | -8.1                   | 14.6     | -23.4                    | 0.3          |
| JUL.      | -2.1               | -10.4         | 1.9                    | 2.6      | -14.1                    | 1.5          | 0.1                         | -1.1          | -6.7                   | 12.9     | -22.1                    | 0.5          |
| AGO.      | 1.5                | -5.8          | 2.5                    | 5.1      | -12.2                    | 6.0          | 0.3                         | -1.6          | -5.6                   | 11.9     | -20.9                    | 1.2          |
| SET.      | -4.8               | -16.2         | -15.3                  | -1.2     | -18.8                    | 5.9          | -0.3                        | -3.2          | -6.6                   | 10.4     | -20.7                    | 1.7          |
| OCT.      | -4.5               | -18.2         | -16.4                  | -5.4     | -7.6                     | 8.8          | -0.7                        | -4.7          | -7.6                   | 8.7      | -19.6                    | 2.4          |
| NOV.      | -4.4               | -17.9         | -18.6                  | -6.0     | -7.6                     | 10.0         | -1.0                        | -5.9          | -8.6                   | 7.3      | -18.7                    | 3.1          |
| DIC.      | -4.6               | -15.9         | -18.0                  | -6.0     | -9.9                     | 7.9          | -1.3                        | -6.8          | -9.4                   | 6.1      | -18.1                    | 3.5          |
| ENE.      | -8.4               | -15.9         | -17.1                  | -13.3    | -10.7                    | 0.9          | -8.4                        | -15.9         | -17.1                  | -13.3    | -10.7                    | 0.9          |
| FEB.      | -6.2               | -18.3         | -14.0                  | -14.6    | -9.1                     | 9.2          | -7.3                        | -17.1         | -15.6                  | -14.0    | -9.9                     | 4.9          |
| MAR.      | -5.4               | -17.2         | -2.6                   | -13.9    | -7.4                     | 6.9          | -6.6                        | -17.2         | -11.6                  | -13.9    | -9.1                     | 5.6          |
| ABR.      | -8.7               | -17.4         | -3.9                   | -8.7     | -9.1                     | -4.5         | -7.2                        | -17.2         | -9.7                   | -12.7    | -9.1                     | 2.9          |
| MAY.      | -6.8               | -14.8         | -5.9                   | -5.2     | -6.6                     | -2.4         | -7.1                        | -16.7         | -9.0                   | -11.3    | -8.6                     | 1.7          |
| JUN.      | -6.4               | -8.1          | -13.9                  | -7.3     | -16.5                    | -0.9         | -7.0                        | -15.4         | -9.8                   | -10.7    | -10.0                    | 1.3          |
| JUL.      | -4.8               | -6.9          | -15.0                  | -1.5     | -16.5                    | -0.3         | -6.7                        | -14.3         | -10.6                  | -9.4     | -11.0                    | 1.0          |
| AGO.      | -6.5               | -5.4          | -15.6                  | -1.5     | -16.5                    | -5.9         | -6.6                        | -13.3         | -11.3                  | -8.5     | -11.7                    | 0.1          |
| SET.      | 0.3                | 4.3           | 2.2                    | 1.9      | -5.7                     | -2.4         | -5.9                        | -11.6         | -10.0                  | -7.4     | -11.1                    | -0.2         |
| OCT.      | 0.0                | 4.8           | 2.2                    | 1.7      | -4.1                     | -3.7         | -5.3                        | -10.2         | -8.9                   | -6.6     | -10.4                    | -0.6         |
| NOV.      | -1.3               | -0.1          | 2.2                    | 1.1      | -4.1                     | -3.7         | -5.0                        | -9.4          | -8.0                   | -5.9     | -9.9                     | -0.9         |
| DIC.      | -0.4               | -1.1          | 3.0                    | -1.2     | -1.7                     | -0.2         | -4.6                        | -8.8          | -7.1                   | -5.5     | -9.3                     | -0.8         |
| ENE.      | 2.2                | 1.2           | 1.5                    | 0.0      | 0.0                      | 4.7          | 2.2                         | 1.2           | 1.5                    | 0.0      | 0.0                      | 4.7          |
| FEB.      | 0.6                | 0.7           | -1.5                   | -2.2     | -3.4                     | 3.2          | 1.4                         | 0.9           | 0.0                    | -1.1     | -1.7                     | 4.0          |
| MAR.      | -0.5               | -0.5          | -2.9                   | -1.4     | -3.4                     | 0.9          | 0.7                         | 0.5           | -1.0                   | -1.2     | -2.3                     | 3.0          |
| ABR.      | 6.1                | 4.4           | 10.9                   | -1.4     | 0.0                      | 11.9         | 2.1                         | 1.4           | 2.0                    | -1.2     | -1.7                     | 5.2          |
| MAY.      | 6.3                | 19.1          | 19.0                   | -1.9     | -17.2                    | 3.8          | 2.9                         | 4.9           | 5.4                    | -1.4     | -4.8                     | 4.9          |
| JUN.      | 3.7                | 9.9           | 19.0                   | 2.2      | -17.2                    | 0.4          | 3.1                         | 5.7           | 7.7                    | -0.8     | -6.9                     | 4.1          |
| JUL.      | 2.4                | 9.6           | 20.4                   | 0.3      | -17.2                    | -2.2         | 3.0                         | 6.3           | 9.5                    | -0.6     | -8.4                     | 3.1          |
| AGO.      | -1.2               | 8.3           | 22.1                   | -5.4     | -25.1                    | -6.3         | 2.4                         | 6.6           | 11.1                   | -1.2     | -10.5                    | 2.0          |
| SET.      | -1.0               | 10.3          | 21.3                   | -5.4     | -25.1                    | -6.7         | 2.1                         | 7.0           | 12.2                   | -1.7     | -12.1                    | 1.0          |
| OCT.      | 3.0                | 11.0          | 72.3                   | -6.0     | -25.1                    | -7.0         | 2.2                         | 7.4           | 18.3                   | -2.1     | -13.4                    | 0.2          |
| NOV.      | 2.1                | 12.9          | 73.5                   | -7.0     | -25.1                    | -9.7         | 2.1                         | 7.9           | 23.3                   | -2.6     | -14.5                    | -0.8         |
| DIC.      | 1.6                | 12.3          | 73.5                   | -6.7     | -25.1                    | -10.8        | 2.1                         | 8.2           | 27.5                   | -2.9     | -15.3                    | -1.7         |
| ENE.      | 0.3                | 9.8           | 77.4                   | -3.1     | -25.1                    | -14.8        | 0.3                         | 9.8           | 77.4                   | -3.1     | -25.1                    | -14.8        |
| FEB.      | 1.6                | 10.7          | 73.6                   | -2.5     | -25.9                    | -12.3        | 1.0                         | 10.3          | 75.5                   | -2.8     | -25.5                    | -13.6        |
| MAR.      | 1.3                | 11.0          | 73.6                   | -4.4     | -25.9                    | -12.2        | 1.1                         | 10.5          | 74.9                   | -3.3     | -25.6                    | -13.1        |
| ABR.      | -2.0               | 7.3           | 52.0                   | -6.1     | -22.5                    | -15.1        | 0.3                         | 9.7           | 68.6                   | -4.0     | -24.8                    | -13.6        |
| MAY.      | -2.3               | 5.6           | 41.7                   | -6.6     | -6.3                     | -15.7        | -0.3                        | 8.8           | 62.5                   | -4.5     | -21.6                    | -14.0        |
| JUN.      | 0.1                | 13.7          | 40.8                   | -7.4     | -6.3                     | -14.1        | -0.2                        | 9.6           | 58.5                   | -5.0     | -19.3                    | -14.1        |
| JUL.      | 0.8                | 12.7          | 43.3                   | -7.1     | -6.3                     | -12.6        | -0.1                        | 10.1          | 56.1                   | -5.3     | -17.6                    | -13.9        |
| AGO.      | 4.9                | 13.4          | 38.3                   | -2.0     | 3.5                      | -6.5         | 0.5                         | 10.5          | 53.6                   | -4.9     | -15.4                    | -13.0        |
| SET.      | 4.9                | 12.7          | 38.3                   | -0.3     | -7.2                     | -4.9         | 1.0                         | 10.7          | 51.8                   | -4.4     | -14.6                    | -12.2        |
| OCT.      | 0.4                | 11.2          | -1.6                   | 0.5      | -10.0                    | -4.9         | 1.0                         | 10.8          | 44.0                   | -3.9     | -14.2                    | -11.5        |
| NOV. P/   | 2.2                | 12.7          | 16.1                   | 1.1      | -11.2                    | -5.8         | 1.1                         | 11.0          | 40.4                   | -3.5     | -14.0                    | -11.0        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| 2004 ENE. | 0.1                | 19.4              | 6.7                            | -        | -10.9                           | -46.8            | 0.1                         | 19.4              | 6.7                            | -        | -10.9                           | -46.8            |
| 2004 FEB. | 1.4                | 22.5              | 5.9                            | -        | -14.8                           | -43.8            | 0.8                         | 21.0              | 6.3                            | -        | -12.9                           | -45.3            |
| 2004 MAR. | 1.7                | 21.8              | 7.0                            | -        | -15.7                           | -41.7            | 1.1                         | 21.2              | 6.5                            | -        | -13.8                           | -44.2            |
| 2004 ABR. | 4.4                | 25.4              | 9.9                            | -        | -15.6                           | -39.5            | 1.9                         | 22.3              | 7.3                            | -        | -14.3                           | -43.1            |
| 2004 MAY. | 9.9                | 34.6              | 10.4                           | -        | -12.9                           | -36.6            | 3.5                         | 24.8              | 7.9                            | -        | -14.0                           | -41.9            |
| 2004 JUN. | 10.2               | 33.2              | 14.6                           | -        | -14.2                           | -33.8            | 4.6                         | 26.2              | 9.0                            | -        | -14.0                           | -40.6            |
| 2004 JUL. | 7.2                | 37.1              | -5.6                           | -        | -13.3                           | -35.9            | 5.0                         | 27.8              | 6.6                            | -        | -13.9                           | -40.0            |
| 2004 AGO. | 11.4               | 39.2              | -5.6                           | -        | -12.9                           | -25.6            | 5.8                         | 29.3              | 4.9                            | -        | -13.8                           | -38.6            |
| 2004 SET. | 21.0               | 55.7              | -5.2                           | -        | -12.3                           | -13.2            | 7.4                         | 32.2              | 3.6                            | -        | -13.6                           | -36.7            |
| 2004 OCT. | 16.4               | 47.7              | -5.6                           | -        | -11.0                           | -23.2            | 8.3                         | 33.8              | 2.6                            | -        | -13.4                           | -35.6            |
| 2004 NOV. | 18.2               | 48.1              | -1.0                           | -        | -7.4                            | -24.4            | 9.3                         | 35.2              | 2.3                            | -        | -12.8                           | -34.7            |
| 2004 DIC. | 18.0               | 47.3              | 2.8                            | -        | -6.2                            | -29.6            | 10.0                        | 36.3              | 2.3                            | -        | -12.3                           | -34.3            |
| 2005 ENE. | 21.0               | 39.0              | 5.2                            | -        | -1.5                            | -4.9             | 21.0                        | 39.0              | 5.2                            | -        | -1.5                            | -4.9             |
| 2005 FEB. | 29.1               | 34.2              | 42.1                           | -        | 3.5                             | -4.2             | 25.1                        | 36.6              | 24.0                           | -        | 1.0                             | -4.6             |
| 2005 MAR. | 28.8               | 32.8              | 42.2                           | -        | 4.5                             | -1.6             | 26.3                        | 35.2              | 30.1                           | -        | 2.1                             | -3.6             |
| 2005 ABR. | 27.0               | 28.8              | 40.5                           | -        | 7.4                             | 1.4              | 26.5                        | 33.6              | 32.7                           | -        | 3.4                             | -2.3             |
| 2005 MAY. | 25.3               | 28.2              | 42.4                           | -        | 5.5                             | -4.2             | 26.3                        | 32.4              | 34.6                           | -        | 3.8                             | -2.7             |
| 2005 JUN. | 27.8               | 31.3              | 43.7                           | -        | 6.6                             | -4.2             | 26.5                        | 32.2              | 36.2                           | -        | 4.3                             | -3.0             |
| 2005 JUL. | 26.5               | 28.4              | 44.7                           | -        | 6.6                             | -2.3             | 26.5                        | 31.6              | 37.4                           | -        | 4.6                             | -2.9             |
| 2005 AGO. | 15.6               | 20.2              | 9.7                            | -        | 8.6                             | 8.3              | 25.1                        | 30.0              | 33.9                           | -        | 5.1                             | -1.6             |
| 2005 SET. | 9.6                | 11.2              | 6.1                            | -        | 9.4                             | 7.1              | 23.2                        | 27.5              | 30.7                           | -        | 5.6                             | -0.7             |
| 2005 OCT. | 12.0               | 14.2              | 10.2                           | -        | 8.0                             | 8.7              | 22.0                        | 26.0              | 28.6                           | -        | 5.8                             | 0.2              |
| 2005 NOV. | 10.1               | 12.3              | 11.4                           | -        | 5.7                             | 1.9              | 20.8                        | 24.5              | 27.0                           | -        | 5.8                             | 0.4              |
| 2005 DIC. | 9.8                | 11.5              | 9.2                            | -        | 5.6                             | 5.8              | 19.8                        | 23.3              | 25.6                           | -        | 5.8                             | 0.8              |
| 2006 ENE. | 9.9                | 11.6              | 6.2                            | -        | 8.3                             | 9.2              | 9.9                         | 11.6              | 6.2                            | -        | 8.3                             | 9.2              |
| 2006 FEB. | 5.0                | 13.3              | -20.0                          | -        | 7.3                             | 25.7             | 7.3                         | 12.5              | -9.1                           | -        | 7.8                             | 17.5             |
| 2006 MAR. | 5.1                | 13.3              | -19.6                          | -        | 10.2                            | 20.8             | 6.6                         | 12.7              | -12.9                          | -        | 8.6                             | 18.6             |
| 2006 ABR. | 6.1                | 13.5              | -17.3                          | -        | 12.2                            | 19.3             | 6.5                         | 12.9              | -14.1                          | -        | 9.5                             | 18.8             |
| 2006 MAY. | 3.9                | 8.9               | -16.6                          | -        | 12.5                            | 17.1             | 5.9                         | 12.1              | -14.6                          | -        | 10.1                            | 18.5             |
| 2006 JUN. | 4.4                | 9.4               | -18.5                          | -        | 15.3                            | 24.6             | 5.7                         | 11.6              | -15.3                          | -        | 11.0                            | 19.5             |
| 2006 JUL. | 4.5                | 8.0               | -14.2                          | -        | 21.9                            | 20.7             | 5.5                         | 11.1              | -15.1                          | -        | 12.6                            | 19.7             |
| 2006 AGO. | 13.3               | 9.9               | 14.2                           | -        | 22.7                            | 25.2             | 6.4                         | 10.9              | -12.1                          | -        | 13.9                            | 20.4             |
| 2006 SET. | 15.6               | 11.7              | 21.1                           | -        | 26.0                            | 21.2             | 7.4                         | 11.0              | -9.0                           | -        | 15.2                            | 20.5             |
| 2006 OCT. | 16.5               | 13.6              | 15.0                           | -        | 28.1                            | 21.6             | 8.3                         | 11.3              | -6.9                           | -        | 16.5                            | 20.6             |
| 2006 NOV. | 29.2               | 13.4              | 13.6                           | -        | 28.1                            | 130.6            | 10.2                        | 11.5              | -5.3                           | -        | 17.6                            | 30.9             |
| 2006 DIC. | 21.8               | 14.5              | 24.8                           | -        | 27.2                            | 52.6             | 11.2                        | 11.7              | -3.1                           | -        | 18.5                            | 32.8             |
| 2007 ENE. | 21.4               | 16.3              | 25.0                           | -        | 24.1                            | 42.8             | 21.4                        | 16.3              | 25.0                           | -        | 24.1                            | 42.8             |
| 2007 FEB. | 21.0               | 19.8              | 19.0                           | -        | 26.9                            | 23.5             | 21.2                        | 18.1              | 22.0                           | -        | 25.5                            | 32.4             |
| 2007 MAR. | 18.3               | 16.0              | 15.8                           | -        | 22.4                            | 26.4             | 20.2                        | 17.4              | 19.9                           | -        | 24.4                            | 30.3             |
| 2007 ABR. | 17.1               | 15.7              | 14.8                           | -        | 19.5                            | 21.6             | 19.4                        | 17.0              | 18.6                           | -        | 23.2                            | 28.0             |
| 2007 MAY. | 17.9               | 13.8              | 12.9                           | -        | 20.3                            | 37.7             | 19.1                        | 16.3              | 17.4                           | -        | 22.6                            | 29.9             |
| 2007 JUN. | 14.0               | 12.3              | 13.4                           | -        | 17.7                            | 17.8             | 18.2                        | 15.6              | 16.7                           | -        | 21.7                            | 27.8             |
| 2007 JUL. | 12.8               | 12.5              | 5.0                            | -        | 12.1                            | 18.4             | 17.4                        | 15.2              | 14.9                           | -        | 20.2                            | 26.4             |
| 2007 AGO. | 9.5                | 8.4               | 14.3                           | -        | 12.0                            | 9.6              | 16.4                        | 14.3              | 14.8                           | -        | 19.1                            | 24.2             |
| 2007 SET. | 7.3                | 7.2               | 9.9                            | -        | 8.9                             | 4.9              | 15.3                        | 13.5              | 14.2                           | -        | 17.8                            | 22.0             |
| 2007 OCT. | 5.6                | 4.8               | 11.2                           | -        | 7.2                             | 5.6              | 14.3                        | 12.6              | 13.9                           | -        | 16.6                            | 20.3             |
| 2007 NOV. | -5.0               | 4.0               | 15.4                           | -        | 5.3                             | -42.0            | 12.2                        | 11.7              | 14.0                           | -        | 15.5                            | 9.9              |
| 2007 DIC. | 1.4                | 2.9               | 6.7                            | -        | 6.9                             | -13.3            | 11.2                        | 10.9              | 13.4                           | -        | 14.7                            | 7.7              |
| 2008 ENE. | 1.3                | 1.7               | 4.3                            | -        | 9.3                             | -11.5            | 1.3                         | 1.7               | 4.3                            | -        | 9.3                             | -11.5            |
| 2008 FEB. | -1.9               | -2.6              | 0.0                            | -        | 6.1                             | -9.8             | -0.4                        | -0.5              | 2.1                            | -        | 7.7                             | -10.7            |
| 2008 MAR. | -1.7               | -0.9              | 4.8                            | -        | 8.1                             | -19.3            | -0.8                        | -0.6              | 3.0                            | -        | 7.8                             | -13.6            |
| 2008 ABR. | -1.7               | -1.8              | 2.6                            | -        | 8.1                             | -15.4            | -1.0                        | -0.9              | 2.9                            | -        | 7.9                             | -14.1            |
| 2008 MAY. | -2.3               | -1.6              | -0.4                           | -        | 8.1                             | -18.3            | -1.3                        | -1.1              | 2.2                            | -        | 7.9                             | -14.9            |
| 2008 JUN. | -1.1               | -1.6              | 4.6                            | -        | 7.3                             | -11.7            | -1.3                        | -1.2              | 2.7                            | -        | 7.8                             | -14.4            |
| 2008 JUL. | -0.8               | -1.0              | 8.4                            | -        | 5.4                             | -10.8            | -1.2                        | -1.1              | 3.5                            | -        | 7.5                             | -13.9            |
| 2008 AGO. | 1.8                | 3.2               | -5.6                           | -        | 5.0                             | -6.5             | -0.8                        | -0.6              | 2.2                            | -        | 7.1                             | -13.1            |
| 2008 SET. | 1.7                | 0.8               | -6.0                           | -        | 7.5                             | -0.2             | -0.5                        | -0.5              | 1.3                            | -        | 7.2                             | -11.8            |
| 2008 OCT. | 1.8                | 1.9               | -12.8                          | -        | 6.2                             | -0.7             | -0.3                        | -0.2              | -0.2                           | -        | 7.1                             | -10.8            |
| 2008 NOV. | -1.4               | -2.8              | -14.7                          | -        | 7.3                             | -3.6             | -0.4                        | -0.5              | -1.6                           | -        | 7.1                             | -10.1            |
| 2008 DIC. | 0.2                | 0.5               | -14.0                          | -        | 3.9                             | -1.8             | -0.4                        | -0.4              | -2.7                           | -        | 6.8                             | -9.5             |
| 2009 ENE. | -1.4               | -2.0              | -13.0                          | -        | 1.1                             | 1.3              | -1.4                        | -2.0              | -13.0                          | -        | 1.1                             | 1.3              |
| 2009 FEB. | -2.9               | -5.0              | -11.0                          | -        | 1.6                             | 1.5              | -2.2                        | -3.5              | -12.0                          | -        | 1.3                             | 1.4              |
| 2009 MAR. | -2.7               | -5.6              | -10.1                          | -        | -2.2                            | 12.7             | -2.3                        | -4.2              | -11.4                          | -        | 0.2                             | 5.0              |
| 2009 ABR. | -3.2               | -6.7              | -4.7                           | -        | -1.5                            | 10.5             | -2.5                        | -4.8              | -9.8                           | -        | -0.3                            | 6.3              |
| 2009 MAY. | -3.1               | -6.5              | -3.7                           | -        | -0.1                            | 7.7              | -2.7                        | -5.2              | -8.6                           | -        | -0.2                            | 6.6              |
| 2009 JUN. | -3.7               | -8.7              | -11.6                          | -        | 1.6                             | 12.6             | -2.8                        | -5.8              | -9.1                           | -        | 0.1                             | 7.6              |
| 2009 JUL. | -2.9               | -8.2              | -10.7                          | -        | 3.7                             | 12.9             | -2.8                        | -6.1              | -9.4                           | -        | 0.6                             | 8.4              |
| 2009 AGO. | -4.5               | -9.2              | -7.7                           | -        | -0.2                            | 10.7             | -3.0                        | -6.5              | -9.1                           | -        | 0.5                             | 8.7              |
| 2009 SET. | -3.6               | -6.5              | -9.0                           | -        | -2.7                            | 9.5              | -3.1                        | -6.5              | -9.1                           | -        | 0.1                             | 8.8              |
| 2009 OCT. | -2.9               | -5.2              | 2.5                            | -        | -1.3                            | 3.1              | -3.1                        | -6.4              | -8.1                           | -        | 0.0                             | 8.2              |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| 2010      | NOV.  | 0.6                | 0.6               | -2.5                           | -        | 0.1                             | 3.2              | -2.8                        | -5.8              | -7.6                           | -        | 0.0                             | 7.7              |
|           | DIC.  | -0.6               | -2.6              | -1.4                           | -        | 1.3                             | 6.2              | -2.6                        | -5.5              | -7.1                           | -        | 0.1                             | 7.6              |
|           | ENE.  | 0.6                | 0.4               | -10.3                          | -        | -1.0                            | 8.8              | 0.6                         | 0.4               | -10.3                          | -        | -1.0                            | 8.8              |
|           | FEB.  | 2.9                | 3.9               | -13.8                          | -        | 3.3                             | 5.9              | 1.7                         | 2.1               | -12.0                          | -        | 1.1                             | 7.3              |
|           | MAR.  | 5.2                | 6.4               | -24.8                          | -        | 10.3                            | 7.2              | 2.9                         | 3.5               | -16.4                          | -        | 4.1                             | 7.3              |
|           | ABR.  | 5.7                | 9.8               | -29.2                          | -        | 9.0                             | 1.7              | 3.6                         | 5.1               | -19.7                          | -        | 5.4                             | 5.9              |
|           | MAY.  | 8.7                | 9.4               | 4.7                            | -        | 14.2                            | 1.8              | 4.6                         | 5.9               | -14.7                          | -        | 7.2                             | 5.0              |
|           | JUN.  | 8.3                | 12.9              | -8.4                           | -        | 3.4                             | 5.9              | 5.2                         | 7.0               | -13.7                          | -        | 6.5                             | 5.2              |
|           | JUL.  | 10.5               | 11.9              | 0.0                            | -        | 11.3                            | 8.0              | 6.0                         | 7.7               | -11.7                          | -        | 7.2                             | 5.6              |
|           | AGO.  | 13.1               | 13.8              | 1.5                            | -        | 14.6                            | 12.7             | 6.9                         | 8.5               | -10.0                          | -        | 8.2                             | 6.5              |
|           | SET.  | 12.3               | 12.6              | -9.4                           | -        | 16.7                            | 14.6             | 7.5                         | 8.9               | -9.9                           | -        | 9.1                             | 7.4              |
|           | OCT.  | 11.2               | 10.2              | -22.0                          | -        | 16.5                            | 22.9             | 7.8                         | 9.0               | -11.2                          | -        | 9.9                             | 8.9              |
| 2011      | NOV.  | 10.3               | 9.5               | -23.3                          | -        | 15.5                            | 21.8             | 8.1                         | 9.1               | -12.2                          | -        | 10.4                            | 10.1             |
|           | DIC.  | 10.9               | 12.1              | -28.9                          | -        | 16.0                            | 18.2             | 8.3                         | 9.3               | -13.6                          | -        | 10.9                            | 10.8             |
|           | ENE.  | 12.7               | 14.1              | -19.3                          | -        | 18.6                            | 14.2             | 12.7                        | 14.1              | -19.3                          | -        | 18.6                            | 14.2             |
|           | FEB.  | 11.4               | 12.4              | -15.4                          | -        | 14.0                            | 15.9             | 12.0                        | 13.2              | -17.4                          | -        | 16.3                            | 15.0             |
|           | MAR.  | 11.1               | 12.4              | -11.9                          | -        | 11.5                            | 15.2             | 11.7                        | 13.0              | -15.7                          | -        | 14.6                            | 15.1             |
|           | ABR.  | 14.5               | 13.4              | 12.8                           | -        | 12.7                            | 23.3             | 12.4                        | 13.1              | -9.2                           | -        | 14.1                            | 17.1             |
|           | MAY.  | 10.8               | 12.4              | -15.6                          | -        | 3.2                             | 27.4             | 12.1                        | 12.9              | -10.8                          | -        | 11.7                            | 19.1             |
|           | JUN.  | 13.0               | 12.1              | 3.7                            | -        | 12.7                            | 20.3             | 12.2                        | 12.8              | -8.2                           | -        | 11.9                            | 19.3             |
|           | JUL.  | 13.1               | 15.8              | -4.6                           | -        | 2.7                             | 24.8             | 12.4                        | 13.2              | -7.6                           | -        | 10.5                            | 20.1             |
|           | AGO.  | 11.3               | 13.8              | -4.6                           | -        | 2.1                             | 21.3             | 12.2                        | 13.3              | -7.2                           | -        | 9.4                             | 20.3             |
|           | SET.  | 10.1               | 13.3              | 2.9                            | -        | 2.1                             | 12.4             | 12.0                        | 13.3              | -6.1                           | -        | 8.5                             | 19.3             |
|           | OCT.  | 13.0               | 17.3              | 14.6                           | -        | 3.2                             | 10.9             | 12.1                        | 13.7              | -4.2                           | -        | 8.0                             | 18.4             |
| 2012      | NOV.  | 8.0                | 12.2              | -10.5                          | -        | -0.7                            | 10.8             | 11.7                        | 13.6              | -4.7                           | -        | 7.1                             | 17.6             |
|           | DIC.  | 5.2                | 6.9               | -10.7                          | -        | 0.0                             | 9.7              | 11.1                        | 13.0              | -5.1                           | -        | 6.5                             | 16.9             |
|           | ENE.  | 2.6                | 3.9               | -28.9                          | -        | -0.1                            | 10.3             | 2.6                         | 3.9               | -28.9                          | -        | -0.1                            | 10.3             |
|           | FEB.  | 0.5                | 2.5               | -29.5                          | -        | -3.6                            | 6.9              | 1.6                         | 3.2               | -29.2                          | -        | -1.8                            | 8.6              |
|           | MAR.  | -0.5               | 1.2               | -15.1                          | -        | -7.1                            | 5.1              | 0.9                         | 2.5               | -24.7                          | -        | -3.6                            | 7.4              |
|           | ABR.  | -4.3               | -2.7              | -32.5                          | -        | -8.0                            | 3.5              | -0.5                        | 1.2               | -26.9                          | -        | -4.7                            | 6.4              |
|           | MAY.  | -4.7               | -3.2              | -36.4                          | -        | -6.1                            | 2.5              | -1.3                        | 0.3               | -29.2                          | -        | -5.0                            | 5.6              |
|           | JUN.  | -5.3               | -3.3              | -43.5                          | -        | -5.7                            | 1.1              | -2.0                        | -0.3              | -32.1                          | -        | -5.1                            | 4.8              |
|           | JUL.  | -8.6               | -7.7              | -45.0                          | -        | -6.3                            | -2.5             | -3.0                        | -1.4              | -34.3                          | -        | -5.3                            | 3.7              |
|           | AGO.  | -8.6               | -6.3              | -44.6                          | -        | -7.5                            | -5.1             | -3.7                        | -2.1              | -35.8                          | -        | -5.6                            | 2.5              |
|           | SET.  | -8.4               | -6.6              | -39.6                          | -        | -9.9                            | -1.7             | -4.3                        | -2.6              | -36.3                          | -        | -6.1                            | 2.0              |
|           | OCT.  | -10.5              | -10.1             | -40.5                          | -        | -10.1                           | -2.4             | -4.9                        | -3.4              | -36.7                          | -        | -6.5                            | 1.5              |
| 2013      | NOV.  | -7.5               | -7.0              | -36.0                          | -        | -7.5                            | -2.7             | -5.2                        | -3.7              | -36.7                          | -        | -6.6                            | 1.1              |
|           | DIC.  | -5.6               | -4.3              | -29.3                          | -        | -6.9                            | -3.8             | -5.2                        | -3.8              | -36.2                          | -        | -6.6                            | 0.7              |
|           | ENE.  | -4.5               | -4.3              | -13.2                          | -        | -3.5                            | -5.6             | -4.5                        | -4.3              | -13.2                          | -        | -3.5                            | -5.6             |
|           | FEB.  | -3.5               | -3.3              | -11.4                          | -        | -0.5                            | -7.2             | -4.0                        | -3.8              | -12.3                          | -        | -2.1                            | -6.4             |
|           | MAR.  | -4.8               | -6.3              | -13.9                          | -        | 0.8                             | -5.9             | -4.3                        | -4.6              | -12.9                          | -        | -1.1                            | -6.2             |
|           | ABR.  | -6.0               | -7.6              | -12.9                          | -        | -0.3                            | -7.0             | -4.7                        | -5.3              | -12.9                          | -        | -0.9                            | -6.4             |
|           | MAY.  | -7.0               | -8.0              | -15.5                          | -4.7     | -0.6                            | -10.1            | -5.2                        | -5.9              | -13.4                          | -0.9     | -0.9                            | -7.2             |
|           | JUN.  | -10.9              | -9.6              | -34.3                          | -17.2    | -7.5                            | -13.9            | -6.1                        | -6.5              | -16.9                          | -5.6     | -2.0                            | -8.3             |
|           | JUL.  | -11.4              | -10.3             | -34.1                          | -18.7    | -6.5                            | -14.8            | -6.9                        | -7.0              | -19.4                          | -8.0     | -2.6                            | -9.3             |
|           | AGO.  | -10.3              | -9.5              | -35.9                          | -17.7    | -4.1                            | -14.0            | -7.3                        | -7.3              | -21.5                          | -9.4     | -2.8                            | -9.9             |
|           | SET.  | -9.5               | -8.6              | -31.3                          | -12.6    | -3.7                            | -14.4            | -7.5                        | -7.5              | -22.6                          | -9.4     | -2.9                            | -10.4            |
|           | OCT.  | -10.5              | -8.7              | -31.2                          | -23.0    | -6.4                            | -14.8            | -7.8                        | -7.6              | -23.5                          | -10.5    | -3.2                            | -10.8            |
| 2014      | NOV.  | -5.6               | -8.5              | -15.0                          | -23.0    | -5.9                            | 6.0              | -7.6                        | -7.7              | -22.9                          | -11.4    | -3.5                            | -9.3             |
|           | DIC.  | -5.5               | -9.4              | -12.2                          | -24.1    | -6.9                            | 10.2             | -7.4                        | -7.8              | -22.1                          | -12.7    | -3.7                            | -7.7             |
|           | ENE.  | -5.1               | -1.5              | -16.3                          | -12.3    | -5.3                            | -13.2            | -5.1                        | -1.5              | -16.3                          | -12.3    | -5.3                            | -13.2            |
|           | FEB.  | -6.0               | -2.0              | -16.3                          | -12.3    | -7.7                            | -13.7            | -5.6                        | -1.8              | -16.3                          | -12.3    | -6.5                            | -13.4            |
|           | MAR.  | -5.1               | 0.6               | -21.0                          | -19.0    | -7.0                            | -15.2            | -5.4                        | -1.0              | -17.9                          | -14.5    | -6.7                            | -14.0            |
|           | ABR.  | -5.0               | -1.9              | -19.2                          | -14.2    | -6.2                            | -8.9             | -5.3                        | -1.2              | -18.3                          | -14.5    | -6.6                            | -12.8            |
|           | MAY.  | -5.7               | -1.7              | -20.2                          | -14.2    | -11.0                           | -7.4             | -5.4                        | -1.3              | -18.7                          | -14.4    | -7.5                            | -11.7            |
|           | JUN.  | -1.2               | -0.5              | 18.8                           | -6.5     | -5.0                            | -0.6             | -4.7                        | -1.2              | -13.7                          | -13.2    | -7.1                            | -9.9             |
|           | JUL.  | 0.0                | 1.5               | 21.0                           | -4.8     | -4.7                            | -1.1             | -4.1                        | -0.8              | -9.6                           | -12.1    | -6.8                            | -8.7             |
|           | AGO.  | 0.2                | 1.5               | 20.6                           | -10.2    | -4.0                            | -0.1             | -3.6                        | -0.6              | -6.5                           | -11.9    | -6.4                            | -7.7             |
|           | SET.  | -1.6               | -1.9              | 18.9                           | -2.4     | -4.2                            | 0.1              | -3.4                        | -0.7              | -3.9                           | -10.9    | -6.2                            | -6.9             |
|           | OCT.  | 0.0                | -0.7              | 19.1                           | 6.8      | -0.5                            | -0.2             | -3.0                        | -0.7              | -1.8                           | -9.5     | -5.7                            | -6.2             |
| 2015      | NOV.  | -4.5               | -1.7              | 25.9                           | 6.8      | -0.6                            | -18.4            | -3.2                        | -0.8              | 0.4                            | -8.2     | -5.2                            | -7.5             |
|           | DIC.  | -5.5               | -1.9              | 19.5                           | 1.9      | -1.0                            | -20.9            | -3.4                        | -0.9              | 1.9                            | -7.5     | -4.9                            | -8.8             |
|           | ENE.  | -5.7               | -9.1              | 24.1                           | -11.1    | -4.1                            | 1.0              | -5.7                        | -9.1              | 24.1                           | -11.1    | -4.1                            | 1.0              |
|           | FEB.  | -5.7               | -10.6             | 18.5                           | 52.6     | -5.8                            | -0.2             | -5.7                        | -9.8              | 21.3                           | 20.8     | -4.9                            | 0.5              |
|           | MAR.  | -8.3               | -13.8             | 26.8                           | 65.2     | -6.4                            | -5.5             | -6.6                        | -11.2             | 23.2                           | 34.8     | -5.4                            | -1.5             |
|           | ABR.  | -12.7              | -11.0             | 23.0                           | 3.2      | -21.3                           | -13.2            | -8.1                        | -11.1             | 23.1                           | 27.2     | -9.3                            | -4.5             |
|           | MAY.  | -12.7              | -10.5             | 25.2                           | -0.6     | -19.8                           | -16.4            | -9.0                        | -11.0             | 23.5                           | 21.9     | -11.3                           | -7.0             |
|           | JUN.  | -13.8              | -11.2             | 11.5                           | -0.6     | -19.7                           | -19.4            | -9.8                        | -11.0             | 21.3                           | 18.2     | -12.7                           | -9.2             |
| JUL.      | -14.4 | -11.7              | 8.0               | -6.4                           | -20.1    | -19.4                           | -10.4            | -11.1                       | 19.3              | 14.8                           | -13.7    | -10.7                           |                  |
| AGO.      | -15.9 | -13.8              | 27.6              | -4.7                           | -22.2    | -21.1                           | -11.1            | -11.5                       | 20.4              | 12.5                           | -14.7    | -12.1                           |                  |

**CIUDAD DE TALARA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2004 - NOVIEMBRE 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/ |
| 2016 SET. | -20.9              | -22.0             | 18.9                           | -16.6    | -23.0                           | -19.8            | -12.2                       | -12.6             | 20.2                           | 9.2      | -15.6                           | -12.9            |
| OCT.      | -23.7              | -26.5             | 20.0                           | -13.4    | -24.3                           | -20.5            | -13.3                       | -14.0             | 20.2                           | 7.0      | -16.5                           | -13.7            |
| NOV.      | -23.0              | -26.5             | 14.8                           | -17.8    | -24.5                           | -15.8            | -14.2                       | -15.1             | 19.6                           | 4.8      | -17.2                           | -13.9            |
| DIC.      | -22.9              | -26.8             | 14.8                           | -17.8    | -23.7                           | -14.9            | -14.9                       | -16.0             | 19.2                           | 2.9      | -17.8                           | -14.0            |
| ENE.      | -20.8              | -27.5             | 15.0                           | 91.4     | -23.9                           | -14.4            | -20.8                       | -27.5             | 15.0                           | 91.4     | -23.9                           | -14.4            |
| FEB.      | -19.6              | -25.7             | 18.9                           | 11.5     | -20.3                           | -10.7            | -20.2                       | -26.6             | 16.9                           | 40.9     | -22.2                           | -12.6            |
| MAR.      | -18.6              | -20.9             | 21.4                           | -29.5    | -20.6                           | -8.4             | -19.7                       | -24.8             | 18.5                           | 13.7     | -21.6                           | -11.3            |
| ABR.      | -12.8              | -20.9             | 21.6                           | 53.5     | -7.4                            | -6.0             | -18.1                       | -23.9             | 19.3                           | 21.4     | -18.6                           | -10.0            |
| MAY.      | -14.0              | -24.2             | 19.4                           | 56.8     | -4.5                            | -5.6             | -17.3                       | -23.9             | 19.3                           | 26.9     | -16.1                           | -9.2             |
| JUN.      | -14.3              | -23.2             | 22.1                           | 62.1     | -3.5                            | -12.6            | -16.8                       | -23.8             | 19.8                           | 31.7     | -14.3                           | -9.7             |
| JUL.      | -14.6              | -23.3             | 35.6                           | 86.7     | -3.2                            | -19.1            | -16.5                       | -23.7             | 22.0                           | 38.0     | -12.9                           | -11.0            |
| AGO.      | -13.5              | -22.3             | 17.2                           | 92.5     | -1.3                            | -17.0            | -16.2                       | -23.6             | 21.3                           | 43.4     | -11.6                           | -11.7            |
| SET.      | -12.2              | -24.4             | 23.6                           | 103.0    | -0.1                            | -13.4            | -15.8                       | -23.6             | 21.6                           | 48.5     | -10.4                           | -11.9            |
| OCT.      | -12.5              | -19.9             | 24.4                           | 96.9     | -14.4                           | -12.4            | -15.5                       | -23.3             | 21.9                           | 52.4     | -10.8                           | -11.9            |
| NOV.      | -13.1              | -18.3             | 25.2                           | 104.4    | -15.3                           | -18.7            | -15.3                       | -23.0             | 22.2                           | 56.0     | -11.2                           | -12.5            |
| 2017 DIC. | -12.5              | -17.6             | 24.5                           | 100.5    | -15.6                           | -17.1            | -15.1                       | -22.6             | 22.4                           | 58.9     | -11.5                           | -12.9            |
| ENE.      | -17.8              | -16.7             | 26.1                           | -12.5    | -16.8                           | -28.5            | -17.8                       | -16.7             | 26.1                           | -12.5    | -16.8                           | -28.5            |
| FEB.      | -17.2              | -16.6             | 27.8                           | -14.8    | -17.0                           | -25.3            | -17.5                       | -16.6             | 27.0                           | -13.7    | -16.9                           | -26.9            |
| MAR.      | -15.5              | -18.3             | 11.8                           | 39.2     | -16.1                           | -23.6            | -16.9                       | -17.2             | 21.5                           | -1.0     | -16.6                           | -25.9            |
| ABR.      | -17.9              | -15.9             | 8.9                            | 0.7      | -25.5                           | -23.7            | -17.1                       | -16.9             | 18.2                           | -0.6     | -18.8                           | -25.3            |
| MAY.      | -14.1              | -11.5             | 10.8                           | 6.8      | -25.2                           | -18.5            | -16.5                       | -15.8             | 16.7                           | 0.9      | -20.1                           | -24.0            |
| JUN.      | -12.3              | -10.6             | 8.4                            | 9.2      | -25.0                           | -12.3            | -15.9                       | -15.0             | 15.3                           | 2.2      | -20.9                           | -22.2            |
| JUL.      | -10.4              | -8.7              | -1.6                           | 3.6      | -24.6                           | -3.4             | -15.1                       | -14.1             | 12.6                           | 2.5      | -21.4                           | -19.9            |
| AGO.      | -15.9              | -11.4             | -9.8                           | 1.8      | -25.7                           | -20.7            | -15.2                       | -13.8             | 9.5                            | 2.4      | -22.0                           | -20.0            |
| SET.      | -10.7              | 4.4               | -16.5                          | 9.0      | -29.0                           | -24.6            | -14.7                       | -12.1             | 6.3                            | 3.2      | -22.7                           | -20.5            |
| OCT.      | -7.3               | 4.9               | -19.1                          | 12.4     | -17.9                           | -24.2            | -14.1                       | -10.6             | 3.4                            | 4.1      | -22.3                           | -20.8            |
| NOV.      | -7.6               | 4.2               | -22.2                          | 10.1     | -17.3                           | -23.9            | -13.5                       | -9.4              | 0.8                            | 4.7      | -21.9                           | -21.1            |
| 2018 DIC. | -7.2               | 5.8               | -22.3                          | 12.5     | -17.2                           | -25.6            | -13.1                       | -8.3              | -1.3                           | 5.3      | -21.6                           | -21.4            |
| ENE.      | -5.2               | 4.9               | -22.8                          | 13.4     | -15.5                           | -18.9            | -5.2                        | 4.9               | -22.8                          | 13.4     | -15.5                           | -18.9            |
| FEB.      | -6.6               | 5.0               | -25.9                          | 18.4     | -17.5                           | -24.3            | -5.9                        | 4.9               | -24.4                          | 15.8     | -16.5                           | -21.7            |
| MAR.      | -5.9               | 4.7               | -26.3                          | 14.6     | -16.7                           | -20.3            | -5.9                        | 4.9               | -25.0                          | 15.4     | -16.6                           | -21.2            |
| ABR.      | -2.4               | 4.9               | -22.8                          | 18.9     | -3.4                            | -20.0            | -5.0                        | 4.9               | -24.5                          | 16.3     | -13.6                           | -20.9            |
| MAY.      | -3.5               | 5.7               | -21.7                          | 9.5      | -3.9                            | -22.9            | -4.7                        | 5.0               | -23.9                          | 14.9     | -11.8                           | -21.3            |
| JUN.      | -4.7               | 3.7               | -22.8                          | 3.6      | -5.0                            | -21.3            | -4.7                        | 4.8               | -23.8                          | 12.9     | -10.8                           | -21.3            |
| JUL.      | -5.7               | 3.0               | -22.2                          | 1.7      | -4.4                            | -24.3            | -4.9                        | 4.6               | -23.5                          | 11.1     | -9.9                            | -21.8            |
| AGO.      | 0.2                | 5.9               | -18.1                          | 3.3      | -3.5                            | -8.0             | -4.3                        | 4.7               | -22.9                          | 10.1     | -9.1                            | -20.3            |
| SET.      | -0.7               | 3.2               | -19.1                          | -4.4     | 1.0                             | -6.4             | -3.9                        | 4.6               | -22.5                          | 8.3      | -8.1                            | -18.9            |
| OCT.      | -3.1               | -1.5              | -18.5                          | -4.4     | 1.1                             | -6.6             | -3.8                        | 3.9               | -22.2                          | 6.9      | -7.3                            | -17.8            |
| NOV.      | -3.1               | -1.8              | -20.5                          | -0.9     | 3.2                             | -9.2             | -3.7                        | 3.4               | -22.1                          | 6.1      | -6.4                            | -17.1            |
| 2019 DIC. | -4.4               | -4.7              | -20.0                          | 4.3      | 1.1                             | -8.8             | -3.8                        | 2.7               | -21.9                          | 6.0      | -5.8                            | -16.5            |
| ENE.      | -5.8               | -5.2              | -20.1                          | -3.2     | 0.7                             | -12.1            | -5.8                        | -5.2              | -20.1                          | -3.2     | 0.7                             | -12.1            |
| FEB.      | -4.6               | -2.4              | -16.1                          | -5.9     | 1.6                             | -16.0            | -5.2                        | -3.8              | -18.2                          | -4.6     | 1.1                             | -14.0            |
| MAR.      | -2.4               | 0.1               | -15.0                          | -7.3     | 1.8                             | -9.9             | -4.3                        | -2.5              | -17.1                          | -5.5     | 1.4                             | -12.6            |
| ABR.      | -3.3               | -0.3              | -18.3                          | -7.0     | 0.4                             | -11.8            | -4.0                        | -1.9              | -17.4                          | -5.9     | 1.1                             | -12.4            |
| MAY.      | -2.2               | -1.5              | -21.5                          | 0.3      | 0.6                             | -4.4             | -3.6                        | -1.9              | -18.2                          | -4.7     | 1.0                             | -10.8            |
| JUN.      | -2.9               | -2.6              | -21.6                          | -0.6     | 1.3                             | -4.9             | -3.5                        | -2.0              | -18.8                          | -4.0     | 1.1                             | -9.8             |
| JUL.      | -2.3               | -3.1              | -22.1                          | 4.6      | 0.0                             | -1.9             | -3.3                        | -2.2              | -19.3                          | -2.8     | 0.9                             | -8.7             |
| AGO.      | -2.4               | -2.8              | -22.1                          | 6.9      | -1.6                            | -3.2             | -3.2                        | -2.2              | -19.6                          | -1.6     | 0.6                             | -8.0             |
| SET.      | -2.1               | -3.7              | -18.3                          | 8.1      | -0.8                            | -0.6             | -3.1                        | -2.4              | -19.5                          | -0.5     | 0.4                             | -7.1             |
| OCT.      | -1.3               | -1.0              | -18.0                          | 6.9      | -1.3                            | -3.5             | -2.9                        | -2.3              | -19.3                          | 0.2      | 0.3                             | -6.8             |
| NOV. P/   | -0.4               | -2.3              | -14.2                          | 14.7     | -2.8                            | 2.7              | -2.7                        | -2.3              | -18.9                          | 1.5      | 0.0                             | -5.9             |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2004.

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 PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Paita |               |                            |          |                              |              |
|-----------|------|-------|---------------|----------------------------|----------|------------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria<br>manufacturera | Comercio | Transp., almac., y<br>comun. | Servicios 2/ |
| 2001      | ENE. | 97.8  | 1,539.6       | 107.5                      | 61.8     | 44.4                         | 64.6         |
|           | FEB. | 102.0 | 1,456.7       | 112.9                      | 68.1     | 43.8                         | 59.7         |
|           | MAR. | 105.3 | 1,194.7       | 116.6                      | 64.3     | 45.6                         | 70.9         |
|           | ABR. | 108.7 | 1,383.3       | 120.5                      | 60.5     | 46.0                         | 70.2         |
|           | MAY. | 109.4 | 1,480.4       | 120.9                      | 63.0     | 46.0                         | 73.7         |
|           | JUN. | 109.5 | 1,468.3       | 120.8                      | 64.3     | 48.5                         | 74.5         |
|           | JUL. | 112.3 | 1,480.1       | 124.1                      | 63.0     | 48.5                         | 75.6         |
|           | AGO. | 113.3 | 1,480.1       | 125.2                      | 64.3     | 48.5                         | 76.4         |
|           | SET. | 121.7 | 1,016.7       | 136.1                      | 63.0     | 48.5                         | 78.1         |
|           | OCT. | 85.8  | 995.5         | 91.9                       | 64.3     | 48.9                         | 77.7         |
|           | NOV. | 121.3 | 1,401.5       | 135.0                      | 66.8     | 49.2                         | 78.8         |
|           | DIC. | 118.6 | 1,401.5       | 131.7                      | 64.3     | 49.2                         | 79.7         |
| 2002      | ENE. | 89.1  | 1,519.4       | 97.2                       | 64.3     | 52.0                         | 53.3         |
|           | FEB. | 94.3  | 1,054.3       | 103.5                      | 64.3     | 53.1                         | 60.1         |
|           | MAR. | 123.2 | 1,150.1       | 139.2                      | 67.5     | 54.2                         | 58.7         |
|           | ABR. | 124.4 | 1,519.8       | 139.4                      | 67.5     | 48.6                         | 71.8         |
|           | MAY. | 133.0 | 1,533.5       | 150.2                      | 68.7     | 49.6                         | 69.7         |
|           | JUN. | 128.1 | 1,533.5       | 143.7                      | 68.7     | 49.4                         | 73.2         |
|           | JUL. | 128.7 | 1,547.2       | 144.3                      | 66.2     | 49.2                         | 74.2         |
|           | AGO. | 130.9 | 1,697.8       | 146.9                      | 66.2     | 49.5                         | 73.4         |
|           | SET. | 124.6 | 1,218.6       | 139.8                      | 64.9     | 49.2                         | 73.8         |
|           | OCT. | 108.5 | 1,218.6       | 119.9                      | 64.9     | 49.2                         | 74.4         |
|           | NOV. | 105.9 | 1,343.2       | 116.5                      | 63.6     | 49.0                         | 74.9         |
|           | DIC. | 108.5 | 1,467.8       | 119.4                      | 66.2     | 48.8                         | 75.3         |
| 2003      | ENE. | 94.3  | 1,467.8       | 103.5                      | 66.2     | 48.8                         | 57.9         |
|           | FEB. | 72.6  | 749.2         | 77.1                       | 63.6     | 50.7                         | 59.4         |
|           | MAR. | 77.1  | 71.4          | 82.7                       | 62.4     | 51.3                         | 62.3         |
|           | ABR. | 67.4  | 428.1         | 69.3                       | 63.6     | 51.3                         | 73.5         |
|           | MAY. | 80.2  | 107.0         | 85.2                       | 57.3     | 49.6                         | 75.8         |
|           | JUN. | 77.8  | 103.7         | 82.3                       | 57.3     | 49.4                         | 76.1         |
|           | JUL. | 79.2  | 107.0         | 84.0                       | 57.3     | 48.0                         | 78.3         |
|           | AGO. | 76.6  | 146.8         | 80.4                       | 57.3     | 48.5                         | 77.3         |
|           | SET. | 74.2  | 46.3          | 78.4                       | 61.1     | 49.8                         | 78.3         |
|           | OCT. | 70.1  | 87.0          | 72.7                       | 61.1     | 50.3                         | 80.2         |
|           | NOV. | 76.7  | 167.1         | 80.0                       | 61.1     | 50.3                         | 80.2         |
|           | DIC. | 77.0  | 116.0         | 80.9                       | 58.5     | 50.5                         | 80.4         |
| 2004      | ENE. | 83.9  | 116.0         | 91.0                       | 58.5     | 51.7                         | 63.0         |
|           | FEB. | 85.5  | 116.0         | 92.8                       | 55.4     | 53.0                         | 64.1         |
|           | MAR. | 85.5  | 30.8          | 91.8                       | 55.4     | 54.2                         | 83.8         |
|           | ABR. | 88.6  | 93.8          | 93.4                       | 55.4     | 54.4                         | 106.4        |
|           | MAY. | 80.9  | 91.7          | 83.8                       | 55.4     | 53.2                         | 108.2        |
|           | JUN. | 90.1  | 96.3          | 95.1                       | 55.4     | 53.0                         | 108.4        |
|           | JUL. | 86.8  | 169.0         | 89.8                       | 55.4     | 54.3                         | 113.6        |
|           | AGO. | 90.5  | 169.0         | 94.1                       | 55.4     | 55.0                         | 114.8        |
|           | SET. | 66.2  | 36.4          | 65.3                       | 53.5     | 58.7                         | 115.0        |
|           | OCT. | 66.7  | 36.4          | 66.2                       | 53.5     | 59.0                         | 111.1        |
|           | NOV. | 80.6  | 142.9         | 82.6                       | 49.8     | 59.2                         | 110.5        |
|           | DIC. | 80.3  | 127.3         | 82.2                       | 49.8     | 59.7                         | 110.7        |
| 2005      | ENE. | 74.7  | 127.3         | 76.7                       | 57.2     | 59.5                         | 95.6         |
|           | FEB. | 72.7  | 84.1          | 73.6                       | 57.2     | 70.2                         | 96.4         |
|           | MAR. | 79.3  | 64.9          | 81.9                       | 57.2     | 73.1                         | 95.1         |
|           | ABR. | 79.8  | 77.6          | 80.3                       | 60.9     | 73.1                         | 114.6        |
|           | MAY. | 83.2  | 143.9         | 83.5                       | 60.9     | 72.1                         | 117.5        |
|           | JUN. | 77.7  | 100.0         | 77.1                       | 60.9     | 70.8                         | 117.3        |
|           | JUL. | 77.0  | 37.9          | 77.6                       | 60.9     | 73.1                         | 113.2        |
|           | AGO. | 74.5  | 88.3          | 73.7                       | 62.7     | 73.1                         | 112.7        |
|           | SET. | 75.5  | 61.2          | 75.6                       | 62.7     | 74.1                         | 114.3        |
|           | OCT. | 80.6  | 66.2          | 81.7                       | 62.7     | 74.5                         | 114.6        |
|           | NOV. | 83.0  | 71.3          | 84.6                       | 62.7     | 76.6                         | 113.0        |
|           | DIC. | 82.2  | 92.2          | 82.9                       | 62.7     | 77.3                         | 113.7        |
| 2006      | ENE. | 80.1  | 54.7          | 82.6                       | 62.7     | 77.5                         | 99.6         |
|           | FEB. | 82.9  | 54.7          | 85.9                       | 62.7     | 77.0                         | 101.8        |

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DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAR.      | 86.0  | 56.2          | 90.3                    | 62.7     | 75.2                      | 98.2         |
| ABR.      | 89.4  | 77.0          | 91.8                    | 64.6     | 77.7                      | 118.0        |
| MAY.      | 85.6  | 71.3          | 86.6                    | 62.7     | 78.9                      | 122.9        |
| JUN.      | 85.3  | 102.5         | 85.8                    | 62.7     | 79.4                      | 118.4        |
| JUL.      | 85.1  | 101.7         | 85.6                    | 59.8     | 81.3                      | 117.3        |
| AGO.      | 88.8  | 86.7          | 90.5                    | 61.3     | 81.3                      | 114.7        |
| SET.      | 87.4  | 83.8          | 89.8                    | 62.7     | 80.8                      | 101.4        |
| OCT.      | 88.7  | 91.2          | 91.2                    | 64.2     | 79.7                      | 101.6        |
| NOV.      | 86.0  | 58.3          | 88.6                    | 68.6     | 80.5                      | 100.2        |
| DIC.      | 83.6  | 118.3         | 84.7                    | 68.6     | 81.3                      | 99.4         |
| 2007 ENE. | 83.3  | 146.2         | 85.2                    | 65.7     | 81.6                      | 75.3         |
| FEB.      | 74.7  | 113.3         | 75.6                    | 68.5     | 85.0                      | 75.3         |
| MAR.      | 79.5  | 104.4         | 81.2                    | 68.5     | 85.3                      | 78.7         |
| ABR.      | 86.6  | 84.3          | 88.4                    | 68.5     | 85.0                      | 107.5        |
| MAY.      | 88.9  | 112.2         | 90.3                    | 70.1     | 84.2                      | 106.7        |
| JUN.      | 95.1  | 116.4         | 97.5                    | 68.5     | 83.5                      | 107.8        |
| JUL.      | 92.3  | 112.2         | 94.5                    | 70.1     | 82.7                      | 106.7        |
| AGO.      | 96.9  | 121.1         | 99.5                    | 68.5     | 84.5                      | 107.8        |
| SET.      | 97.1  | 111.9         | 99.9                    | 68.5     | 84.7                      | 107.0        |
| OCT.      | 87.0  | 83.8          | 88.8                    | 68.5     | 85.7                      | 105.6        |
| NOV.      | 86.8  | 123.3         | 87.3                    | 68.5     | 87.2                      | 106.1        |
| DIC.      | 98.5  | 164.9         | 100.1                   | 68.5     | 87.7                      | 108.3        |
| 2008 ENE. | 95.0  | 156.2         | 98.1                    | 70.1     | 89.9                      | 73.6         |
| FEB.      | 104.8 | 150.7         | 109.3                   | 71.7     | 90.9                      | 77.4         |
| MAR.      | 99.0  | 133.7         | 102.8                   | 74.9     | 91.2                      | 76.2         |
| ABR.      | 98.7  | 94.9          | 101.3                   | 76.5     | 89.2                      | 106.9        |
| MAY.      | 113.5 | 120.1         | 117.9                   | 74.9     | 88.5                      | 110.7        |
| JUN.      | 112.5 | 121.3         | 116.8                   | 73.3     | 88.7                      | 110.2        |
| JUL.      | 112.0 | 121.3         | 116.5                   | 74.9     | 91.2                      | 102.7        |
| AGO.      | 112.4 | 126.9         | 116.7                   | 72.3     | 97.8                      | 100.0        |
| SET.      | 110.4 | 97.3          | 115.1                   | 74.9     | 88.9                      | 101.9        |
| OCT.      | 109.3 | 107.5         | 113.7                   | 78.8     | 89.4                      | 101.4        |
| NOV.      | 108.5 | 130.6         | 112.3                   | 78.8     | 91.7                      | 101.9        |
| DIC.      | 100.5 | 116.7         | 103.1                   | 83.9     | 90.2                      | 102.9        |
| 2009 ENE. | 95.7  | 117.6         | 99.2                    | 78.8     | 94.5                      | 70.7         |
| FEB.      | 98.8  | 129.7         | 102.4                   | 78.8     | 92.5                      | 75.6         |
| MAR.      | 99.3  | 89.9          | 103.9                   | 76.2     | 86.6                      | 76.2         |
| ABR.      | 107.7 | 106.3         | 111.8                   | 89.1     | 86.6                      | 101.6        |
| MAY.      | 102.9 | 127.2         | 106.0                   | 90.4     | 83.8                      | 102.1        |
| JUN.      | 101.6 | 129.1         | 104.3                   | 89.1     | 84.9                      | 104.8        |
| JUL.      | 109.3 | 120.0         | 113.6                   | 87.8     | 83.8                      | 102.1        |
| AGO.      | 113.2 | 136.3         | 117.8                   | 89.1     | 85.3                      | 103.3        |
| SET.      | 104.4 | 100.9         | 107.8                   | 90.4     | 89.5                      | 102.8        |
| OCT.      | 99.1  | 79.6          | 101.8                   | 89.1     | 94.1                      | 101.6        |
| NOV.      | 109.1 | 85.4          | 113.0                   | 89.1     | 99.8                      | 104.3        |
| DIC.      | 110.0 | 92.7          | 113.5                   | 87.8     | 101.1                     | 102.8        |
| 2010 ENE. | 102.0 | 105.5         | 104.7                   | 88.6     | 88.9                      | 81.0         |
| FEB.      | 103.1 | 103.5         | 106.1                   | 89.0     | 92.3                      | 78.0         |
| MAR.      | 113.6 | 102.1         | 118.8                   | 93.7     | 99.6                      | 78.0         |
| ABR.      | 113.9 | 102.1         | 117.9                   | 99.2     | 99.7                      | 97.2         |
| MAY.      | 118.5 | 105.0         | 123.0                   | 107.5    | 100.0                     | 100.0        |
| JUN.      | 131.0 | 110.7         | 138.3                   | 108.6    | 100.4                     | 100.5        |
| JUL.      | 123.2 | 109.1         | 128.5                   | 112.8    | 99.1                      | 100.2        |
| AGO.      | 117.1 | 109.1         | 120.7                   | 110.9    | 98.5                      | 101.6        |
| SET.      | 116.2 | 108.6         | 119.4                   | 109.4    | 101.0                     | 101.4        |
| OCT.      | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 90.3  | 101.1         | 87.1                    | 102.6    | 102.4                     | 98.7         |
| DIC.      | 106.0 | 109.3         | 105.0                   | 117.7    | 112.5                     | 99.6         |
| 2011 ENE. | 97.4  | 114.6         | 95.9                    | 119.1    | 109.5                     | 75.7         |
| FEB.      | 106.1 | 116.1         | 107.3                   | 129.7    | 109.0                     | 60.4         |
| MAR.      | 113.4 | 117.3         | 114.3                   | 144.3    | 110.7                     | 76.8         |
| ABR.      | 119.2 | 100.4         | 121.2                   | 147.2    | 108.2                     | 93.2         |

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DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAY.      | 112.5 | 95.6          | 112.9                   | 151.5    | 107.1                     | 95.3         |
| JUN.      | 121.4 | 116.9         | 122.9                   | 154.1    | 107.1                     | 96.5         |
| JUL.      | 121.1 | 118.8         | 122.2                   | 154.8    | 108.6                     | 98.1         |
| AGO.      | 118.1 | 116.6         | 118.4                   | 161.4    | 108.7                     | 98.5         |
| SET.      | 120.4 | 107.8         | 121.6                   | 158.2    | 108.9                     | 98.5         |
| OCT.      | 113.6 | 95.1          | 113.9                   | 151.7    | 108.7                     | 100.6        |
| NOV.      | 102.9 | 94.8          | 100.9                   | 141.7    | 110.1                     | 102.0        |
| DIC.      | 108.6 | 119.6         | 106.7                   | 133.5    | 113.7                     | 104.6        |
| 2012 ENE. | 102.6 | 111.7         | 101.4                   | 129.4    | 114.4                     | 77.5         |
| FEB.      | 100.2 | 77.0          | 99.5                    | 134.3    | 114.7                     | 79.3         |
| MAR.      | 96.3  | 79.5          | 93.9                    | 148.2    | 115.7                     | 77.0         |
| ABR.      | 98.3  | 70.7          | 95.2                    | 147.1    | 118.5                     | 99.9         |
| MAY.      | 99.6  | 70.1          | 96.8                    | 151.9    | 117.6                     | 98.5         |
| JUN.      | 105.5 | 92.5          | 102.6                   | 168.2    | 115.0                     | 102.3        |
| JUL.      | 100.9 | 91.5          | 97.0                    | 173.9    | 111.1                     | 102.1        |
| AGO.      | 102.2 | 86.1          | 98.9                    | 161.3    | 115.2                     | 102.8        |
| SET.      | 103.0 | 82.9          | 99.7                    | 160.6    | 119.9                     | 101.4        |
| OCT.      | 103.1 | 59.4          | 100.5                   | 162.5    | 121.2                     | 103.5        |
| NOV.      | 101.3 | 61.5          | 97.9                    | 162.5    | 123.2                     | 105.0        |
| DIC.      | 104.6 | 82.9          | 100.4                   | 166.0    | 132.0                     | 102.1        |
| 2013 ENE. | 94.5  | 68.1          | 90.4                    | 164.1    | 129.1                     | 77.5         |
| FEB.      | 98.1  | 83.2          | 94.4                    | 164.1    | 130.3                     | 74.1         |
| MAR.      | 100.9 | 78.5          | 97.6                    | 169.8    | 132.3                     | 73.5         |
| ABR.      | 100.8 | 73.2          | 95.6                    | 169.2    | 139.9                     | 97.3         |
| MAY.      | 96.6  | 66.0          | 91.2                    | 164.4    | 137.3                     | 95.7         |
| JUN.      | 96.6  | 86.8          | 90.3                    | 169.8    | 136.6                     | 95.9         |
| JUL.      | 94.2  | 77.8          | 87.7                    | 173.7    | 136.0                     | 94.4         |
| AGO.      | 97.5  | 80.5          | 91.8                    | 171.1    | 135.9                     | 93.5         |
| SET.      | 98.1  | 79.8          | 92.4                    | 169.5    | 138.0                     | 93.3         |
| OCT.      | 93.7  | 64.9          | 87.3                    | 168.9    | 141.5                     | 93.5         |
| NOV.      | 91.9  | 64.9          | 85.0                    | 166.7    | 142.8                     | 93.5         |
| DIC.      | 94.2  | 88.3          | 86.6                    | 167.6    | 144.2                     | 97.3         |
| 2014 ENE. | 84.6  | 83.3          | 76.7                    | 161.6    | 143.6                     | 72.4         |
| FEB.      | 93.3  | 82.6          | 87.5                    | 160.6    | 143.5                     | 71.2         |
| MAR.      | 96.3  | 78.7          | 90.5                    | 152.4    | 143.3                     | 96.3         |
| ABR.      | 98.0  | 74.2          | 92.5                    | 151.2    | 144.0                     | 99.6         |
| MAY.      | 100.4 | 84.4          | 95.2                    | 153.2    | 144.3                     | 96.1         |
| JUN.      | 101.4 | 76.2          | 96.6                    | 150.0    | 142.3                     | 104.7        |
| JUL.      | 89.2  | 75.5          | 81.8                    | 152.1    | 139.4                     | 100.7        |
| AGO.      | 93.2  | 67.9          | 86.9                    | 150.5    | 141.8                     | 101.9        |
| SET.      | 97.3  | 72.6          | 91.7                    | 152.8    | 142.3                     | 101.0        |
| OCT.      | 96.3  | 77.8          | 89.8                    | 148.1    | 150.1                     | 101.4        |
| NOV.      | 94.8  | 63.3          | 88.2                    | 149.6    | 153.8                     | 99.3         |
| DIC.      | 98.5  | 71.7          | 92.2                    | 149.8    | 156.7                     | 99.1         |
| 2015 ENE. | 91.4  | 71.4          | 84.7                    | 150.3    | 155.8                     | 75.1         |
| FEB.      | 101.9 | 72.3          | 97.3                    | 157.5    | 157.2                     | 73.7         |
| MAR.      | 106.9 | 72.3          | 103.4                   | 159.7    | 156.0                     | 75.6         |
| ABR.      | 106.8 | 71.7          | 102.0                   | 161.8    | 154.2                     | 101.3        |
| MAY.      | 107.5 | 78.6          | 102.7                   | 166.2    | 149.9                     | 102.7        |
| JUN.      | 103.4 | 69.1          | 97.7                    | 166.2    | 152.1                     | 103.0        |
| JUL.      | 95.4  | 74.7          | 88.0                    | 160.8    | 150.9                     | 99.9         |
| AGO.      | 93.8  | 85.8          | 85.8                    | 158.9    | 150.2                     | 99.4         |
| SET.      | 91.9  | 74.1          | 83.7                    | 160.3    | 148.8                     | 103.7        |
| OCT.      | 92.3  | 64.4          | 84.5                    | 158.7    | 150.5                     | 103.9        |
| NOV.      | 88.5  | 64.2          | 79.9                    | 150.0    | 155.0                     | 104.4        |
| DIC.      | 92.9  | 86.9          | 84.5                    | 146.9    | 157.2                     | 104.1        |
| 2016 ENE. | 89.4  | 79.1          | 82.4                    | 140.5    | 155.0                     | 77.1         |
| FEB.      | 89.1  | 77.7          | 81.9                    | 142.0    | 156.9                     | 77.1         |
| MAR.      | 86.4  | 77.7          | 78.3                    | 149.7    | 152.8                     | 78.4         |
| ABR.      | 86.2  | 76.8          | 76.1                    | 148.6    | 149.4                     | 122.4        |
| MAY.      | 83.6  | 78.0          | 73.2                    | 149.3    | 144.5                     | 123.5        |
| JUN.      | 81.2  | 78.6          | 70.5                    | 145.1    | 144.8                     | 121.3        |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| JUL.      | 80.9  | 78.0          | 69.5                    | 153.0    | 146.7                     | 121.1        |
| AGO.      | 78.3  | 77.4          | 66.9                    | 143.1    | 148.1                     | 118.8        |
| SET.      | 81.1  | 77.7          | 70.3                    | 138.1    | 151.2                     | 119.6        |
| OCT.      | 82.7  | 63.3          | 71.5                    | 138.7    | 163.7                     | 123.2        |
| NOV.      | 81.0  | 64.6          | 69.1                    | 139.8    | 170.7                     | 117.3        |
| DIC.      | 84.8  | 73.8          | 72.7                    | 140.6    | 174.7                     | 123.7        |
| 2017 ENE. | 79.9  | 77.2          | 67.8                    | 140.0    | 177.9                     | 97.2         |
| FEB.      | 84.7  | 73.8          | 74.1                    | 140.0    | 176.8                     | 94.6         |
| MAR.      | 85.9  | 68.8          | 76.1                    | 137.9    | 174.4                     | 92.9         |
| ABR.      | 89.4  | 67.7          | 80.5                    | 141.1    | 171.6                     | 92.6         |
| MAY.      | 90.8  | 76.2          | 80.8                    | 140.4    | 171.1                     | 116.1        |
| JUN.      | 89.5  | 76.2          | 79.2                    | 145.9    | 167.6                     | 115.5        |
| JUL.      | 88.8  | 72.6          | 78.6                    | 144.6    | 166.9                     | 116.1        |
| AGO.      | 87.2  | 74.1          | 76.2                    | 148.0    | 166.8                     | 119.3        |
| SET.      | 84.3  | 73.2          | 72.2                    | 150.6    | 167.6                     | 121.9        |
| OCT.      | 74.4  | 60.3          | 59.9                    | 150.0    | 173.8                     | 123.2        |
| NOV.      | 73.0  | 74.7          | 57.2                    | 148.7    | 178.8                     | 123.4        |
| DIC.      | 80.7  | 74.7          | 66.4                    | 150.4    | 183.3                     | 123.0        |
| 2018 ENE. | 77.3  | 73.8          | 63.9                    | 148.7    | 180.5                     | 97.3         |
| FEB.      | 81.4  | 74.7          | 69.6                    | 143.0    | 176.4                     | 96.0         |
| MAR.      | 87.4  | 77.3          | 76.6                    | 147.6    | 177.2                     | 95.8         |
| ABR.      | 89.3  | 74.7          | 77.5                    | 151.0    | 174.3                     | 124.6        |
| MAY.      | 93.6  | 77.6          | 83.0                    | 151.7    | 173.1                     | 121.4        |
| JUN.      | 99.4  | 77.3          | 88.0                    | 163.7    | 187.9                     | 126.7        |
| JUL.      | 97.0  | 78.2          | 85.0                    | 164.5    | 186.9                     | 126.5        |
| AGO.      | 99.4  | 80.5          | 87.3                    | 166.6    | 190.5                     | 128.6        |
| SET.      | 96.1  | 65.9          | 83.5                    | 166.8    | 194.5                     | 128.8        |
| OCT.      | 91.4  | 66.2          | 77.2                    | 168.5    | 199.8                     | 128.6        |
| NOV.      | 98.1  | 73.8          | 84.0                    | 170.8    | 212.1                     | 128.4        |
| DIC.      | 98.0  | 75.9          | 83.1                    | 174.9    | 219.0                     | 127.3        |
| 2019 ENE. | 95.6  | 75.0          | 81.3                    | 182.1    | 217.9                     | 101.8        |
| FEB.      | 112.4 | 75.9          | 96.8                    | 275.8    | 216.7                     | 101.1        |
| MAR.      | 116.5 | 81.7          | 96.8                    | 362.8    | 214.0                     | 103.9        |
| ABR.      | 118.1 | 81.0          | 113.8                   | 84.1     | 207.1                     | 125.4        |
| MAY.      | 115.4 | 82.1          | 110.7                   | 78.7     | 207.7                     | 125.4        |
| JUN.      | 112.8 | 85.0          | 107.2                   | 80.3     | 208.7                     | 125.0        |
| JUL.      | 108.2 | 78.5          | 101.8                   | 81.2     | 209.0                     | 124.8        |
| AGO.      | 111.0 | 84.1          | 104.5                   | 82.0     | 209.3                     | 132.4        |
| SET.      | 110.2 | 80.6          | 103.7                   | 82.0     | 208.1                     | 132.2        |
| OCT.      | 109.4 | 54.5          | 102.9                   | 85.1     | 214.1                     | 132.8        |
| NOV. P/   | 104.2 | 67.6          | 95.2                    | 89.6     | 220.0                     | 132.4        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2001.

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 PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2001 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |      | Paita |               |                         |          |                           |              |
|-----------|------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2001      | ENE. | 53.7  | 722.8         | 65.9                    | 73.4     | 50.6                      | 87.8         |
|           | FEB. | 49.0  | 711.3         | 65.9                    | 80.9     | 47.2                      | 62.7         |
|           | MAR. | 63.5  | 756.9         | 96.2                    | 76.4     | 54.0                      | 61.6         |
|           | ABR. | 61.5  | 711.3         | 91.9                    | 71.9     | 54.0                      | 62.1         |
|           | MAY. | 65.5  | 746.9         | 92.5                    | 74.9     | 54.0                      | 74.5         |
|           | JUN. | 65.8  | 723.2         | 91.3                    | 76.4     | 61.9                      | 73.9         |
|           | JUL. | 64.0  | 734.5         | 84.0                    | 74.9     | 61.9                      | 74.5         |
|           | AGO. | 64.0  | 734.5         | 82.3                    | 76.4     | 61.2                      | 76.5         |
|           | SET. | 64.0  | 734.5         | 83.1                    | 74.9     | 61.2                      | 76.0         |
|           | OCT. | 60.9  | 719.2         | 72.5                    | 76.4     | 62.7                      | 75.5         |
|           | NOV. | 65.1  | 765.1         | 83.1                    | 79.4     | 63.5                      | 77.0         |
|           | DIC. | 65.5  | 765.1         | 84.8                    | 76.4     | 63.5                      | 77.6         |
| 2002      | ENE. | 55.9  | 811.0         | 86.4                    | 76.4     | 65.8                      | 33.9         |
|           | FEB. | 54.4  | 393.9         | 86.4                    | 76.4     | 71.4                      | 33.2         |
|           | MAR. | 58.2  | 757.5         | 91.7                    | 80.2     | 70.8                      | 31.2         |
|           | ABR. | 66.2  | 803.0         | 91.7                    | 80.2     | 70.1                      | 53.2         |
|           | MAY. | 67.5  | 818.1         | 91.1                    | 81.7     | 77.9                      | 52.1         |
|           | JUN. | 67.7  | 818.1         | 92.9                    | 81.7     | 77.3                      | 52.1         |
|           | JUL. | 67.1  | 803.0         | 93.5                    | 78.6     | 74.0                      | 52.8         |
|           | AGO. | 68.0  | 818.1         | 97.0                    | 78.6     | 74.0                      | 52.8         |
|           | SET. | 67.9  | 848.4         | 96.4                    | 77.1     | 74.0                      | 52.8         |
|           | OCT. | 67.2  | 848.4         | 94.7                    | 77.1     | 73.4                      | 52.4         |
|           | NOV. | 64.6  | 575.7         | 94.7                    | 75.6     | 72.7                      | 52.1         |
|           | DIC. | 65.2  | 712.1         | 91.2                    | 78.6     | 72.7                      | 52.4         |
| 2003      | ENE. | 57.5  | 712.1         | 91.7                    | 78.6     | 72.7                      | 28.2         |
|           | FEB. | 57.7  | 615.8         | 91.2                    | 75.6     | 77.9                      | 28.2         |
|           | MAR. | 55.1  | 58.7          | 90.2                    | 74.1     | 77.9                      | 28.6         |
|           | ABR. | 65.5  | 351.9         | 94.7                    | 75.6     | 76.3                      | 47.3         |
|           | MAY. | 62.4  | 88.0          | 93.2                    | 68.1     | 71.3                      | 49.7         |
|           | JUN. | 61.8  | 85.3          | 91.7                    | 68.1     | 71.3                      | 49.7         |
|           | JUL. | 61.6  | 88.0          | 92.2                    | 68.1     | 71.3                      | 48.2         |
|           | AGO. | 64.4  | 120.7         | 96.2                    | 68.1     | 71.9                      | 46.9         |
|           | SET. | 59.5  | 38.0          | 96.2                    | 72.6     | 74.4                      | 48.0         |
|           | OCT. | 62.4  | 71.5          | 96.2                    | 72.6     | 75.7                      | 49.3         |
|           | NOV. | 66.1  | 137.4         | 93.7                    | 72.6     | 75.7                      | 49.1         |
|           | DIC. | 63.2  | 95.3          | 93.7                    | 69.6     | 76.1                      | 48.9         |
| 2004      | ENE. | 56.9  | 95.3          | 97.6                    | 69.6     | 78.8                      | 30.5         |
|           | FEB. | 58.2  | 95.3          | 100.6                   | 65.8     | 82.4                      | 31.2         |
|           | MAR. | 63.4  | 25.3          | 102.5                   | 65.8     | 85.1                      | 52.8         |
|           | ABR. | 75.1  | 77.1          | 95.7                    | 65.8     | 84.7                      | 97.2         |
|           | MAY. | 75.4  | 75.4          | 96.5                    | 65.8     | 82.5                      | 100.8        |
|           | JUN. | 75.7  | 79.1          | 96.5                    | 65.8     | 81.5                      | 102.0        |
|           | JUL. | 80.7  | 138.9         | 96.5                    | 65.8     | 85.0                      | 102.6        |
|           | AGO. | 81.7  | 138.9         | 97.8                    | 65.8     | 86.5                      | 103.8        |
|           | SET. | 72.5  | 29.9          | 94.4                    | 63.6     | 85.8                      | 104.4        |
|           | OCT. | 69.5  | 29.9          | 84.2                    | 63.6     | 86.5                      | 105.0        |
|           | NOV. | 72.3  | 117.4         | 81.1                    | 59.2     | 86.5                      | 101.4        |
|           | DIC. | 71.5  | 104.6         | 81.1                    | 59.2     | 87.9                      | 99.6         |
| 2005      | ENE. | 60.7  | 104.6         | 77.5                    | 68.0     | 87.2                      | 50.1         |
|           | FEB. | 60.7  | 69.1          | 81.8                    | 68.0     | 90.8                      | 50.7         |
|           | MAR. | 59.8  | 53.3          | 79.9                    | 68.0     | 100.1                     | 49.2         |
|           | ABR. | 76.1  | 63.8          | 85.3                    | 72.4     | 101.0                     | 95.1         |
|           | MAY. | 87.2  | 118.3         | 96.1                    | 72.4     | 100.1                     | 101.4        |
|           | JUN. | 84.5  | 82.2          | 96.7                    | 72.4     | 99.1                      | 102.0        |
|           | JUL. | 75.1  | 31.1          | 96.2                    | 72.4     | 95.5                      | 102.5        |
|           | AGO. | 77.7  | 72.6          | 85.0                    | 74.6     | 94.3                      | 99.4         |
|           | SET. | 76.2  | 50.3          | 99.5                    | 74.6     | 96.7                      | 98.8         |
|           | OCT. | 93.2  | 54.5          | 158.1                   | 74.6     | 99.1                      | 98.8         |
|           | NOV. | 78.5  | 58.6          | 92.5                    | 74.6     | 101.5                     | 97.8         |
|           | DIC. | 99.6  | 75.8          | 160.0                   | 74.6     | 101.5                     | 94.6         |
| 2006      | ENE. | 65.7  | 45.0          | 100.2                   | 74.6     | 101.5                     | 50.7         |
|           | FEB. | 74.1  | 45.0          | 134.9                   | 74.6     | 103.9                     | 50.7         |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2001 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES |       | Paita |               |                         |          |                           |              |
|-----------|-------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           |       | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2007      | MAR.  | 70.6  | 46.2          | 131.9                   | 74.6     | 101.5                     | 41.1         |
|           | ABR.  | 90.5  | 63.3          | 133.9                   | 76.7     | 95.5                      | 86.3         |
|           | MAY.  | 94.5  | 58.6          | 133.9                   | 74.6     | 100.3                     | 102.2        |
|           | JUN.  | 101.6 | 84.3          | 133.1                   | 74.6     | 103.6                     | 102.2        |
|           | JUL.  | 102.6 | 83.6          | 137.3                   | 71.1     | 106.0                     | 102.9        |
|           | AGO.  | 96.2  | 71.3          | 139.8                   | 72.8     | 104.4                     | 91.1         |
|           | SET.  | 95.4  | 68.9          | 135.6                   | 74.6     | 104.4                     | 93.2         |
|           | OCT.  | 95.2  | 75.0          | 126.5                   | 76.3     | 103.6                     | 93.9         |
|           | NOV.  | 88.8  | 47.9          | 125.6                   | 81.5     | 103.6                     | 93.2         |
|           | DIC.  | 99.7  | 97.3          | 125.6                   | 81.5     | 103.6                     | 90.0         |
|           | ENE.  | 91.3  | 142.6         | 129.8                   | 78.0     | 102.9                     | 41.8         |
|           | FEB.  | 84.3  | 96.8          | 126.5                   | 81.4     | 106.7                     | 41.8         |
| 2008      | MAR.  | 82.5  | 83.3          | 127.3                   | 81.4     | 106.7                     | 43.2         |
|           | ABR.  | 92.7  | 55.2          | 109.0                   | 81.4     | 107.7                     | 110.3        |
|           | MAY.  | 99.8  | 84.4          | 110.3                   | 83.3     | 102.9                     | 110.3        |
|           | JUN.  | 101.0 | 89.9          | 108.3                   | 81.4     | 100.9                     | 113.5        |
|           | JUL.  | 101.1 | 85.5          | 114.8                   | 83.3     | 100.2                     | 112.9        |
|           | AGO.  | 104.3 | 94.9          | 118.0                   | 81.4     | 101.6                     | 112.2        |
|           | SET.  | 101.4 | 85.6          | 114.1                   | 81.4     | 100.9                     | 112.2        |
|           | OCT.  | 90.9  | 55.7          | 100.0                   | 81.4     | 101.6                     | 112.2        |
|           | NOV.  | 102.5 | 97.8          | 101.7                   | 81.4     | 104.3                     | 113.8        |
|           | DIC.  | 112.0 | 156.1         | 103.3                   | 81.4     | 105.6                     | 116.8        |
|           | ENE.  | 90.2  | 149.5         | 102.3                   | 83.3     | 105.6                     | 43.6         |
|           | FEB.  | 90.7  | 144.1         | 104.9                   | 85.2     | 104.3                     | 45.3         |
| 2009      | MAR.  | 86.8  | 118.8         | 103.3                   | 89.0     | 103.6                     | 43.0         |
|           | ABR.  | 98.6  | 68.0          | 102.3                   | 90.9     | 103.6                     | 107.0        |
|           | MAY.  | 110.3 | 117.5         | 116.1                   | 89.0     | 102.3                     | 114.6        |
|           | JUN.  | 110.0 | 120.0         | 116.7                   | 87.1     | 102.9                     | 112.1        |
|           | JUL.  | 109.7 | 121.2         | 104.6                   | 89.0     | 108.3                     | 118.2        |
|           | AGO.  | 110.9 | 126.8         | 101.8                   | 85.9     | 133.0                     | 112.3        |
|           | SET.  | 106.2 | 97.2          | 103.4                   | 89.0     | 114.5                     | 116.3        |
|           | OCT.  | 109.8 | 107.3         | 107.1                   | 93.6     | 117.3                     | 115.8        |
|           | NOV.  | 112.9 | 130.5         | 104.9                   | 93.6     | 125.5                     | 114.6        |
|           | DIC.  | 115.8 | 116.6         | 117.4                   | 99.7     | 116.2                     | 115.8        |
|           | ENE.  | 100.8 | 117.5         | 116.7                   | 93.6     | 130.6                     | 47.6         |
|           | FEB.  | 95.3  | 129.6         | 101.9                   | 93.6     | 118.3                     | 50.7         |
| 2010      | MAR.  | 95.7  | 89.8          | 114.5                   | 90.5     | 124.5                     | 50.1         |
|           | ABR.  | 113.2 | 106.2         | 117.0                   | 105.9    | 122.4                     | 98.8         |
|           | MAY.  | 117.4 | 127.1         | 121.4                   | 107.4    | 120.3                     | 97.4         |
|           | JUN.  | 112.3 | 128.9         | 104.5                   | 105.9    | 120.3                     | 102.1        |
|           | JUL.  | 112.1 | 119.9         | 110.0                   | 104.3    | 114.2                     | 101.6        |
|           | AGO.  | 114.0 | 136.2         | 108.3                   | 105.9    | 113.2                     | 102.6        |
|           | SET.  | 109.8 | 100.8         | 111.4                   | 107.4    | 114.2                     | 100.7        |
|           | OCT.  | 105.4 | 79.5          | 109.3                   | 105.9    | 116.0                     | 99.3         |
|           | NOV.  | 105.8 | 106.9         | 99.3                    | 105.9    | 115.1                     | 100.2        |
|           | DIC.  | 104.9 | 119.2         | 94.5                    | 104.3    | 113.4                     | 99.7         |
|           | ENE.  | 96.7  | 147.6         | 91.9                    | 104.3    | 101.4                     | 57.8         |
|           | FEB.  | 95.9  | 138.3         | 94.3                    | 106.0    | 102.4                     | 55.4         |
| 2011      | MAR.  | 94.7  | 133.7         | 93.5                    | 107.5    | 102.4                     | 54.2         |
|           | ABR.  | 98.0  | 107.4         | 92.7                    | 108.3    | 103.8                     | 88.2         |
|           | MAY.  | 100.3 | 116.3         | 92.5                    | 105.2    | 105.3                     | 92.3         |
|           | JUN.  | 103.7 | 135.6         | 93.0                    | 100.7    | 105.8                     | 94.8         |
|           | JUL.  | 103.0 | 130.2         | 94.0                    | 100.7    | 102.4                     | 97.0         |
|           | AGO.  | 103.4 | 130.2         | 94.5                    | 102.8    | 101.4                     | 97.9         |
|           | SET.  | 104.6 | 128.5         | 98.4                    | 100.0    | 101.4                     | 100.4        |
|           | OCT.  | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
|           | NOV.  | 99.1  | 103.2         | 96.2                    | 101.4    | 99.5                      | 98.0         |
|           | DIC.  | 108.4 | 132.5         | 101.4                   | 120.1    | 102.8                     | 99.2         |
|           | ENE.  | 97.2  | 110.6         | 97.3                    | 122.1    | 104.7                     | 63.0         |
|           | FEB.  | 92.5  | 112.3         | 97.6                    | 119.5    | 110.4                     | 37.6         |
| MAR.      | 97.3  | 109.2 | 97.1          | 120.8                   | 108.5    | 59.0                      |              |
| ABR.      | 100.5 | 89.1  | 98.7          | 120.8                   | 107.1    | 89.1                      |              |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2001 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2012 MAY. | 101.0 | 83.5          | 101.7                   | 128.0    | 101.8                     | 92.7         |
| JUN.      | 105.5 | 107.4         | 100.3                   | 123.4    | 104.5                     | 94.7         |
| JUL.      | 109.9 | 109.6         | 113.5                   | 123.4    | 105.4                     | 93.9         |
| AGO.      | 110.3 | 107.2         | 117.0                   | 119.5    | 106.9                     | 95.1         |
| SET.      | 107.6 | 97.1          | 119.4                   | 115.1    | 104.5                     | 94.7         |
| OCT.      | 104.6 | 82.6          | 123.3                   | 110.7    | 97.3                      | 99.1         |
| NOV.      | 102.5 | 71.1          | 125.1                   | 108.8    | 98.7                      | 99.5         |
| DIC.      | 105.9 | 97.4          | 115.8                   | 106.3    | 99.1                      | 100.7        |
| 2012 ENE. | 92.2  | 88.2          | 110.5                   | 99.5     | 102.2                     | 55.4         |
| FEB.      | 89.4  | 68.1          | 116.3                   | 99.0     | 102.6                     | 58.5         |
| MAR.      | 91.0  | 70.9          | 115.5                   | 101.6    | 106.1                     | 58.1         |
| ABR.      | 99.7  | 61.1          | 120.0                   | 112.1    | 106.1                     | 95.4         |
| MAY.      | 98.6  | 60.5          | 121.7                   | 111.1    | 101.7                     | 93.9         |
| JUN.      | 106.5 | 86.4          | 124.9                   | 108.2    | 106.5                     | 101.3        |
| JUL.      | 106.7 | 85.2          | 127.3                   | 110.6    | 103.9                     | 100.9        |
| AGO.      | 104.5 | 79.1          | 125.7                   | 106.0    | 105.2                     | 100.2        |
| SET.      | 103.2 | 75.4          | 124.4                   | 108.0    | 104.8                     | 98.3         |
| OCT.      | 103.2 | 59.8          | 129.5                   | 112.4    | 106.1                     | 102.1        |
| NOV.      | 104.0 | 62.0          | 129.5                   | 112.9    | 108.3                     | 102.1        |
| DIC.      | 108.7 | 83.5          | 129.7                   | 114.3    | 109.6                     | 100.6        |
| 2013 ENE. | 127.4 | 68.7          | 252.1                   | 112.4    | 111.7                     | 60.3         |
| FEB.      | 132.3 | 83.9          | 252.8                   | 113.3    | 115.2                     | 58.1         |
| MAR.      | 131.5 | 79.1          | 253.5                   | 114.8    | 117.4                     | 57.0         |
| ABR.      | 139.2 | 73.8          | 230.8                   | 117.7    | 119.1                     | 97.3         |
| MAY.      | 135.9 | 66.5          | 227.4                   | 117.3    | 117.8                     | 96.9         |
| JUN.      | 141.3 | 87.5          | 222.2                   | 123.1    | 115.7                     | 96.9         |
| JUL.      | 137.8 | 78.4          | 215.7                   | 126.5    | 113.5                     | 96.2         |
| AGO.      | 138.1 | 81.1          | 213.2                   | 125.6    | 114.3                     | 96.2         |
| SET.      | 139.9 | 80.4          | 228.0                   | 121.2    | 116.8                     | 95.4         |
| OCT.      | 135.9 | 65.4          | 224.0                   | 124.1    | 116.8                     | 95.8         |
| NOV.      | 139.1 | 65.4          | 234.8                   | 125.1    | 120.4                     | 97.0         |
| DIC.      | 144.2 | 89.0          | 226.3                   | 126.5    | 120.0                     | 96.2         |
| 2014 ENE. | 125.6 | 84.0          | 204.7                   | 118.2    | 116.8                     | 52.5         |
| FEB.      | 127.2 | 83.3          | 209.7                   | 118.2    | 122.7                     | 50.0         |
| MAR.      | 136.5 | 79.3          | 208.0                   | 115.3    | 125.9                     | 92.4         |
| ABR.      | 136.5 | 74.7          | 218.5                   | 109.9    | 124.3                     | 96.4         |
| MAY.      | 138.0 | 85.1          | 209.2                   | 108.9    | 128.7                     | 93.6         |
| JUN.      | 138.6 | 76.8          | 210.5                   | 108.9    | 128.3                     | 104.4        |
| JUL.      | 138.7 | 76.1          | 209.6                   | 110.3    | 130.3                     | 103.2        |
| AGO.      | 136.9 | 68.4          | 204.4                   | 110.3    | 136.3                     | 103.2        |
| SET.      | 139.2 | 73.2          | 211.0                   | 112.1    | 134.7                     | 101.2        |
| OCT.      | 140.4 | 78.4          | 206.5                   | 111.7    | 137.5                     | 100.0        |
| NOV.      | 136.8 | 63.8          | 206.5                   | 111.7    | 143.8                     | 97.6         |
| DIC.      | 139.0 | 72.3          | 203.5                   | 108.9    | 146.5                     | 97.6         |
| 2015 ENE. | 127.7 | 72.0          | 198.7                   | 110.8    | 142.0                     | 55.8         |
| FEB.      | 129.6 | 72.9          | 198.7                   | 114.9    | 146.5                     | 54.1         |
| MAR.      | 134.9 | 72.9          | 225.6                   | 112.1    | 148.0                     | 57.1         |
| ABR.      | 143.8 | 72.3          | 209.7                   | 115.4    | 149.8                     | 100.9        |
| MAY.      | 145.9 | 79.2          | 207.1                   | 116.3    | 149.4                     | 103.3        |
| JUN.      | 147.8 | 69.6          | 212.7                   | 121.8    | 156.2                     | 106.5        |
| JUL.      | 146.3 | 75.3          | 208.6                   | 114.0    | 155.4                     | 103.3        |
| AGO.      | 150.3 | 86.5          | 209.7                   | 117.7    | 155.4                     | 100.9        |
| SET.      | 145.8 | 74.7          | 197.8                   | 123.7    | 150.9                     | 106.1        |
| OCT.      | 141.3 | 64.9          | 199.4                   | 121.8    | 145.0                     | 107.3        |
| NOV.      | 140.0 | 64.7          | 175.0                   | 121.8    | 153.9                     | 110.2        |
| DIC.      | 141.4 | 87.6          | 163.5                   | 114.5    | 152.8                     | 107.6        |
| 2016 ENE. | 127.0 | 79.7          | 166.2                   | 108.4    | 146.8                     | 64.9         |
| FEB.      | 127.6 | 78.3          | 164.0                   | 113.7    | 148.0                     | 65.2         |
| MAR.      | 126.9 | 78.3          | 159.2                   | 114.1    | 147.6                     | 66.8         |
| ABR.      | 136.2 | 77.4          | 160.4                   | 114.9    | 148.7                     | 104.3        |
| MAY.      | 137.4 | 78.6          | 166.3                   | 117.0    | 145.8                     | 103.6        |
| JUN.      | 137.4 | 79.2          | 168.9                   | 115.3    | 146.1                     | 101.5        |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA,  
ENERO 2001 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017 JUL. | 136.9 | 78.6          | 164.6                   | 116.5    | 148.3                     | 100.9        |
| AGO.      | 135.7 | 78.0          | 153.6                   | 119.0    | 151.5                     | 101.9        |
| SET.      | 137.0 | 78.3          | 157.1                   | 117.0    | 153.0                     | 104.0        |
| OCT.      | 135.9 | 63.8          | 156.4                   | 117.0    | 162.7                     | 107.8        |
| NOV.      | 135.7 | 65.1          | 159.4                   | 118.5    | 163.9                     | 99.8         |
| DIC.      | 140.1 | 74.4          | 163.7                   | 118.1    | 168.2                     | 100.5        |
| ENE.      | 131.1 | 77.8          | 163.0                   | 114.7    | 169.8                     | 60.9         |
| FEB.      | 130.7 | 74.4          | 161.1                   | 113.2    | 176.9                     | 60.1         |
| MAR.      | 129.3 | 69.4          | 160.7                   | 112.8    | 179.4                     | 59.1         |
| ABR.      | 128.8 | 68.2          | 160.0                   | 112.4    | 178.1                     | 60.1         |
| MAY.      | 142.4 | 76.7          | 161.1                   | 114.8    | 184.0                     | 98.7         |
| JUN.      | 142.8 | 76.7          | 162.5                   | 114.8    | 185.0                     | 98.4         |
| JUL.      | 137.4 | 73.2          | 149.4                   | 111.4    | 181.3                     | 98.7         |
| AGO.      | 139.9 | 74.7          | 150.1                   | 112.9    | 185.9                     | 101.9        |
| SET.      | 142.0 | 73.8          | 155.1                   | 114.8    | 187.6                     | 103.6        |
| OCT.      | 138.3 | 60.8          | 153.2                   | 113.0    | 188.0                     | 106.0        |
| NOV.      | 140.7 | 75.3          | 148.8                   | 110.7    | 188.4                     | 106.0        |
| DIC.      | 142.1 | 75.3          | 147.2                   | 114.1    | 194.4                     | 106.0        |
| 2018 ENE. | 128.0 | 74.4          | 137.4                   | 110.7    | 189.7                     | 63.3         |
| FEB.      | 126.1 | 75.3          | 132.1                   | 112.2    | 186.5                     | 61.1         |
| MAR.      | 128.1 | 77.9          | 134.4                   | 111.8    | 189.7                     | 61.5         |
| ABR.      | 138.7 | 75.3          | 137.3                   | 113.0    | 189.3                     | 107.3        |
| MAY.      | 138.5 | 78.2          | 135.7                   | 113.0    | 187.1                     | 106.3        |
| JUN.      | 137.7 | 77.9          | 129.7                   | 113.3    | 192.2                     | 105.3        |
| JUL.      | 137.4 | 78.8          | 128.1                   | 113.3    | 191.4                     | 105.3        |
| AGO.      | 139.5 | 81.2          | 127.2                   | 113.7    | 196.5                     | 108.4        |
| SET.      | 134.4 | 66.4          | 124.3                   | 114.4    | 194.2                     | 108.4        |
| OCT.      | 136.2 | 66.7          | 130.3                   | 115.8    | 192.6                     | 108.8        |
| NOV.      | 142.1 | 74.4          | 128.1                   | 116.5    | 216.5                     | 109.6        |
| DIC.      | 144.3 | 76.5          | 131.4                   | 117.6    | 222.0                     | 107.5        |
| 2019 ENE. | 129.2 | 75.6          | 117.1                   | 118.7    | 214.8                     | 59.5         |
| FEB.      | 127.3 | 76.5          | 119.5                   | 105.5    | 217.8                     | 59.0         |
| MAR.      | 128.4 | 82.4          | 119.5                   | 99.8     | 218.4                     | 61.7         |
| ABR.      | 138.7 | 81.6          | 120.9                   | 101.6    | 218.4                     | 97.1         |
| MAY.      | 137.6 | 82.7          | 121.5                   | 93.4     | 222.8                     | 96.8         |
| JUN.      | 138.7 | 85.7          | 122.1                   | 94.7     | 223.4                     | 95.5         |
| JUL.      | 137.4 | 79.2          | 123.3                   | 96.2     | 225.3                     | 94.1         |
| AGO.      | 142.1 | 84.8          | 120.9                   | 99.1     | 225.3                     | 105.9        |
| SET.      | 139.1 | 81.2          | 115.0                   | 100.1    | 220.3                     | 105.9        |
| OCT.      | 132.9 | 55.0          | 113.1                   | 103.7    | 215.9                     | 107.2        |
| NOV. P/   | 140.0 | 68.1          | 113.6                   | 112.0    | 223.4                     | 107.2        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2003.

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 PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2001 ENE. | 103.8 | 14.7          | 111.4                   | -        | 44.0                      | 73.1         |
| FEB.      | 109.4 | 13.4          | 117.3                   | -        | 44.0                      | 88.5         |
| MAR.      | 110.7 | 6.8           | 119.1                   | -        | 44.0                      | 99.1         |
| ABR.      | 114.8 | 11.8          | 123.3                   | -        | 44.6                      | 96.6         |
| MAY.      | 115.1 | 12.9          | 123.7                   | -        | 44.6                      | 91.6         |
| JUN.      | 115.2 | 13.1          | 123.7                   | -        | 44.6                      | 94.1         |
| JUL.      | 118.6 | 13.1          | 127.4                   | -        | 44.6                      | 96.0         |
| AGO.      | 119.7 | 13.1          | 128.7                   | -        | 44.9                      | 96.0         |
| SET.      | 129.3 | 6.3           | 140.2                   | -        | 44.9                      | 100.1        |
| OCT.      | 88.7  | 6.3           | 93.8                    | -        | 44.9                      | 99.7         |
| NOV.      | 128.6 | 12.5          | 139.0                   | -        | 44.9                      | 100.6        |
| DIC.      | 125.6 | 12.5          | 135.4                   | -        | 44.9                      | 102.0        |
| 2002 ENE. | 93.3  | 13.8          | 98.7                    | -        | 48.1                      | 86.2         |
| FEB.      | 99.8  | 11.2          | 105.9                   | -        | 47.5                      | 100.6        |
| MAR.      | 132.5 | 7.4           | 143.7                   | -        | 49.4                      | 99.7         |
| ABR.      | 132.8 | 12.7          | 143.9                   | -        | 41.1                      | 102.9        |
| MAY.      | 142.4 | 12.7          | 155.3                   | -        | 38.8                      | 99.2         |
| JUN.      | 136.7 | 12.7          | 148.4                   | -        | 38.8                      | 107.6        |
| JUL.      | 137.5 | 13.1          | 149.0                   | -        | 40.2                      | 108.9        |
| AGO.      | 139.9 | 15.3          | 151.7                   | -        | 40.6                      | 107.1        |
| SET.      | 132.7 | 7.2           | 144.2                   | -        | 40.2                      | 108.0        |
| OCT.      | 114.4 | 7.2           | 123.2                   | -        | 40.6                      | 109.9        |
| NOV.      | 111.8 | 13.3          | 119.6                   | -        | 40.6                      | 111.7        |
| DIC.      | 114.7 | 13.3          | 122.8                   | -        | 40.2                      | 112.2        |
| 2003 ENE. | 99.5  | 13.3          | 105.9                   | -        | 40.2                      | 101.5        |
| FEB.      | 74.4  | 3.8           | 77.8                    | -        | 40.2                      | 105.2        |
| MAR.      | 79.9  | -             | 83.7                    | -        | 41.2                      | 111.7        |
| ABR.      | 67.4  | -             | 69.4                    | -        | 41.9                      | 110.8        |
| MAY.      | 82.6  | -             | 86.3                    | -        | 41.9                      | 111.6        |
| JUN.      | 79.9  | -             | 83.3                    | -        | 41.6                      | 112.4        |
| JUL.      | 81.6  | -             | 85.1                    | -        | 39.2                      | 123.6        |
| AGO.      | 78.0  | -             | 81.0                    | -        | 39.7                      | 124.4        |
| SET.      | 76.1  | -             | 78.9                    | -        | 40.3                      | 124.4        |
| OCT.      | 70.6  | -             | 72.9                    | -        | 40.3                      | 126.9        |
| NOV.      | 77.8  | -             | 80.8                    | -        | 40.3                      | 127.7        |
| DIC.      | 78.8  | -             | 81.7                    | -        | 40.3                      | 129.3        |
| 2004 ENE. | 88.3  | -             | 92.3                    | -        | 40.3                      | 130.1        |
| FEB.      | 89.9  | -             | 94.0                    | -        | 39.2                      | 131.7        |
| MAR.      | 88.8  | -             | 92.8                    | -        | 39.2                      | 130.1        |
| ABR.      | 90.5  | -             | 94.8                    | -        | 40.3                      | 125.3        |
| MAY.      | 81.6  | -             | 84.5                    | -        | 39.7                      | 126.3        |
| JUN.      | 92.1  | -             | 96.6                    | -        | 40.3                      | 125.9        |
| JUL.      | 87.6  | -             | 91.0                    | -        | 39.7                      | 134.3        |
| AGO.      | 91.7  | -             | 95.5                    | -        | 39.7                      | 135.7        |
| SET.      | 65.3  | -             | 65.0                    | -        | 47.2                      | 135.7        |
| OCT.      | 66.3  | -             | 66.5                    | -        | 47.2                      | 128.7        |
| NOV.      | 81.9  | -             | 84.3                    | -        | 47.8                      | 129.8        |
| DIC.      | 81.6  | -             | 83.9                    | -        | 47.8                      | 131.2        |
| 2005 ENE. | 76.8  | -             | 78.2                    | -        | 47.8                      | 134.0        |
| FEB.      | 74.5  | -             | 74.6                    | -        | 62.2                      | 135.0        |
| MAR.      | 82.1  | -             | 83.5                    | -        | 62.2                      | 133.8        |
| ABR.      | 80.7  | -             | 81.5                    | -        | 61.9                      | 138.0        |
| MAY.      | 83.2  | -             | 84.5                    | -        | 60.8                      | 139.2        |
| JUN.      | 77.4  | -             | 77.9                    | -        | 59.5                      | 138.6        |
| JUL.      | 77.7  | -             | 78.4                    | -        | 62.9                      | 131.4        |
| AGO.      | 74.6  | -             | 74.7                    | -        | 63.2                      | 132.3        |
| SET.      | 76.0  | -             | 76.1                    | -        | 63.7                      | 135.3        |
| OCT.      | 79.6  | -             | 80.3                    | -        | 63.7                      | 135.9        |
| NOV.      | 83.9  | -             | 85.3                    | -        | 65.5                      | 133.8        |
| DIC.      | 80.5  | -             | 81.1                    | -        | 66.3                      | 136.8        |
| 2006 ENE. | 82.0  | -             | 82.7                    | -        | 66.6                      | 138.3        |
| FEB.      | 84.1  | -             | 85.1                    | -        | 65.5                      | 141.9        |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| MAR.      | 87.9  | -             | 89.7                    | -        | 63.9                      | 141.0        |
| ABR.      | 89.8  | -             | 91.2                    | -        | 68.2                      | 147.6        |
| MAY.      | 85.3  | -             | 85.8                    | -        | 68.4                      | 147.6        |
| JUN.      | 84.3  | -             | 85.1                    | -        | 67.6                      | 139.4        |
| JUL.      | 84.0  | -             | 84.7                    | -        | 69.2                      | 136.8        |
| AGO.      | 88.7  | -             | 89.8                    | -        | 70.1                      | 140.9        |
| SET.      | 87.3  | -             | 89.1                    | -        | 69.2                      | 115.1        |
| OCT.      | 88.7  | -             | 90.7                    | -        | 68.0                      | 115.1        |
| NOV.      | 86.3  | -             | 88.1                    | -        | 69.2                      | 113.0        |
| DIC.      | 82.7  | 28.0          | 84.1                    | -        | 70.5                      | 114.1        |
| 2007 ENE. | 83.0  | 28.0          | 84.6                    | -        | 71.3                      | 107.8        |
| FEB.      | 74.2  | 28.0          | 74.7                    | -        | 74.5                      | 107.8        |
| MAR.      | 79.6  | 28.5          | 80.5                    | -        | 74.9                      | 113.0        |
| ABR.      | 86.5  | 28.5          | 88.2                    | -        | 74.1                      | 113.0        |
| MAY.      | 88.3  | 28.5          | 90.1                    | -        | 75.7                      | 111.5        |
| JUN.      | 95.0  | 27.5          | 97.5                    | -        | 75.7                      | 110.9        |
| JUL.      | 92.0  | 27.5          | 94.3                    | -        | 74.9                      | 109.4        |
| AGO.      | 96.7  | 27.5          | 99.4                    | -        | 76.9                      | 112.0        |
| SET.      | 97.1  | 26.6          | 99.8                    | -        | 77.8                      | 110.4        |
| OCT.      | 87.1  | 26.6          | 88.8                    | -        | 79.0                      | 107.8        |
| NOV.      | 85.7  | 25.2          | 87.3                    | -        | 79.8                      | 107.3        |
| DIC.      | 97.6  | 22.8          | 100.4                   | -        | 79.8                      | 108.9        |
| 2008 ENE. | 95.8  | 20.9          | 98.3                    | -        | 83.4                      | 110.4        |
| FEB.      | 106.6 | 20.9          | 109.8                   | -        | 85.9                      | 116.7        |
| MAR.      | 100.6 | 21.9          | 103.2                   | -        | 86.7                      | 116.1        |
| ABR.      | 99.1  | 22.3          | 101.7                   | -        | 83.4                      | 115.6        |
| MAY.      | 114.2 | 22.6          | 118.4                   | -        | 83.0                      | 115.6        |
| JUN.      | 113.1 | 22.6          | 117.2                   | -        | 83.0                      | 117.2        |
| JUL.      | 112.7 | 22.3          | 117.3                   | -        | 83.9                      | 95.3         |
| AGO.      | 112.9 | -             | 117.6                   | -        | 84.5                      | 95.3         |
| SET.      | 111.2 | -             | 115.9                   | -        | 78.9                      | 95.3         |
| OCT.      | 109.6 | -             | 114.3                   | -        | 78.6                      | 94.8         |
| NOV.      | 108.4 | -             | 112.9                   | -        | 78.9                      | 96.9         |
| DIC.      | 99.2  | -             | 102.6                   | -        | 79.9                      | 97.9         |
| 2009 ENE. | 95.5  | -             | 98.5                    | -        | 80.9                      | 96.4         |
| FEB.      | 99.5  | -             | 102.7                   | -        | 82.2                      | 103.1        |
| MAR.      | 99.9  | -             | 103.6                   | -        | 72.6                      | 104.7        |
| ABR.      | 107.4 | -             | 111.8                   | -        | 73.3                      | 104.7        |
| MAY.      | 101.6 | -             | 105.5                   | -        | 70.3                      | 107.3        |
| JUN.      | 100.7 | -             | 104.4                   | -        | 71.6                      | 107.8        |
| JUL.      | 109.3 | -             | 113.9                   | -        | 72.3                      | 102.6        |
| AGO.      | 113.4 | -             | 118.3                   | -        | 74.6                      | 104.2        |
| SET.      | 104.0 | -             | 107.7                   | -        | 79.9                      | 105.2        |
| OCT.      | 98.6  | 75.4          | 101.6                   | -        | 85.5                      | 104.2        |
| NOV.      | 109.6 | 75.4          | 113.7                   | -        | 93.4                      | 108.9        |
| DIC.      | 110.7 | 81.0          | 114.6                   | 70.5     | 95.6                      | 106.3        |
| 2010 ENE. | 102.7 | 87.6          | 105.3                   | 72.1     | 83.4                      | 111.5        |
| FEB.      | 104.1 | 88.5          | 106.7                   | 71.3     | 87.8                      | 107.8        |
| MAR.      | 116.3 | 88.5          | 120.2                   | 79.5     | 98.3                      | 109.4        |
| ABR.      | 116.2 | 100.0         | 119.3                   | 90.2     | 97.8                      | 108.3        |
| MAY.      | 121.2 | 100.0         | 124.7                   | 110.7    | 97.6                      | 109.4        |
| JUN.      | 134.9 | 100.0         | 140.9                   | 118.0    | 98.0                      | 107.3        |
| JUL.      | 126.1 | 100.0         | 130.4                   | 127.0    | 97.6                      | 104.2        |
| AGO.      | 119.0 | 100.0         | 122.1                   | 120.5    | 97.2                      | 106.3        |
| SET.      | 117.8 | 100.0         | 120.6                   | 120.5    | 100.9                     | 102.6        |
| OCT.      | 100.0 | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 89.0  | 100.0         | 86.6                    | 104.1    | 103.7                     | 99.5         |
| DIC.      | 105.6 | 100.0         | 105.2                   | 114.8    | 117.0                     | 100.0        |
| 2011 ENE. | 97.4  | 12.0          | 95.8                    | 115.6    | 111.8                     | 91.1         |
| FEB.      | 108.4 | 12.0          | 107.8                   | 142.6    | 108.5                     | 91.7         |
| MAR.      | 116.1 | 14.2          | 115.4                   | 173.8    | 111.8                     | 96.4         |
| ABR.      | 122.4 | 14.2          | 122.5                   | 180.3    | 108.8                     | 94.3         |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paita |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2012 MAY. | 114.5 | 14.2          | 113.6                   | 181.1    | 109.6                     | 94.3         |
| JUN.      | 124.1 | 14.7          | 124.3                   | 192.6    | 108.3                     | 94.3         |
| JUL.      | 123.1 | 14.7          | 122.9                   | 194.3    | 110.1                     | 99.0         |
| AGO.      | 119.6 | 14.7          | 118.6                   | 213.9    | 109.6                     | 98.4         |
| SET.      | 122.6 | 14.7          | 121.9                   | 212.3    | 110.9                     | 99.0         |
| OCT.      | 115.3 | 14.7          | 113.7                   | 203.3    | 113.9                     | 97.9         |
| NOV.      | 103.3 | 21.2          | 100.1                   | 182.8    | 115.2                     | 100.5        |
| DIC.      | 109.3 | 22.6          | 106.5                   | 167.2    | 120.3                     | 104.7        |
| 2013 ENE. | 104.4 | 22.6          | 101.2                   | 167.2    | 119.9                     | 102.6        |
| FEB.      | 102.1 | 11.3          | 99.0                    | 180.3    | 120.1                     | 102.6        |
| MAR.      | 97.3  | 11.3          | 93.3                    | 215.6    | 119.9                     | 97.9         |
| ABR.      | 98.2  | 11.3          | 94.5                    | 191.0    | 124.0                     | 99.0         |
| MAY.      | 99.9  | 11.3          | 96.1                    | 204.9    | 124.8                     | 97.9         |
| JUN.      | 105.5 | 11.3          | 101.9                   | 252.5    | 118.6                     | 96.4         |
| JUL.      | 100.1 | 11.3          | 96.1                    | 263.1    | 114.1                     | 96.4         |
| AGO.      | 102.0 | 11.3          | 98.1                    | 238.5    | 119.5                     | 99.0         |
| SET.      | 103.2 | 11.3          | 99.0                    | 233.5    | 126.8                     | 98.4         |
| OCT.      | 103.3 | 4.5           | 99.6                    | 231.1    | 128.0                     | 97.9         |
| NOV.      | 101.1 | -             | 96.9                    | 230.3    | 130.0                     | 101.6        |
| DIC.      | 104.1 | -             | 99.5                    | 236.8    | 142.4                     | 96.9         |
| 2014 ENE. | 89.4  | -             | 83.6                    | 235.2    | 137.0                     | 96.9         |
| FEB.      | 92.8  | -             | 87.4                    | 233.5    | 137.0                     | 92.2         |
| MAR.      | 95.9  | -             | 90.5                    | 245.9    | 139.0                     | 92.2         |
| ABR.      | 94.9  | -             | 89.0                    | 239.3    | 149.4                     | 90.1         |
| MAY.      | 90.7  | -             | 84.8                    | 227.8    | 146.2                     | 87.0         |
| JUN.      | 90.0  | -             | 84.0                    | 231.9    | 146.2                     | 87.5         |
| JUL.      | 87.8  | -             | 81.6                    | 236.0    | 146.5                     | 84.9         |
| AGO.      | 91.4  | -             | 85.7                    | 231.1    | 145.8                     | 82.8         |
| SET.      | 91.8  | -             | 86.0                    | 234.4    | 147.7                     | 83.3         |
| OCT.      | 87.5  | -             | 81.0                    | 227.8    | 153.3                     | 83.3         |
| NOV.      | 85.1  | -             | 78.5                    | 220.4    | 153.1                     | 81.8         |
| DIC.      | 87.0  | -             | 80.2                    | 220.4    | 155.4                     | 91.1         |
| 2015 ENE. | 78.7  | -             | 71.0                    | 218.7    | 156.3                     | 92.7         |
| FEB.      | 88.0  | -             | 81.5                    | 216.3    | 152.9                     | 93.2         |
| MAR.      | 90.3  | -             | 84.5                    | 202.0    | 150.9                     | 93.8         |
| ABR.      | 92.1  | -             | 86.3                    | 205.1    | 152.9                     | 95.8         |
| MAY.      | 94.6  | -             | 89.1                    | 210.2    | 150.9                     | 91.7         |
| JUN.      | 95.6  | -             | 90.5                    | 203.6    | 148.2                     | 96.9         |
| JUL.      | 82.1  | -             | 75.8                    | 206.6    | 142.6                     | 89.6         |
| AGO.      | 86.7  | -             | 81.0                    | 203.0    | 143.0                     | 92.2         |
| SET.      | 91.0  | -             | 85.7                    | 206.1    | 144.7                     | 92.7         |
| OCT.      | 89.8  | -             | 83.8                    | 196.4    | 155.0                     | 95.3         |
| NOV.      | 88.5  | -             | 82.3                    | 199.5    | 157.2                     | 93.8         |
| DIC.      | 92.4  | -             | 86.4                    | 203.0    | 160.2                     | 93.2         |
| 2016 ENE. | 85.9  | -             | 79.0                    | 202.0    | 161.4                     | 94.3         |
| FEB.      | 97.3  | -             | 91.4                    | 213.2    | 161.0                     | 93.2         |
| MAR.      | 102.1 | -             | 96.8                    | 220.8    | 158.2                     | 93.8         |
| ABR.      | 101.1 | -             | 95.8                    | 221.8    | 154.4                     | 94.3         |
| MAY.      | 101.6 | -             | 96.6                    | 230.4    | 147.9                     | 94.3         |
| JUN.      | 96.8  | -             | 91.5                    | 224.3    | 147.5                     | 90.6         |
| JUL.      | 88.1  | -             | 82.0                    | 221.3    | 146.0                     | 88.0         |
| AGO.      | 85.9  | -             | 79.8                    | 213.2    | 145.0                     | 90.1         |
| SET.      | 84.3  | -             | 78.0                    | 209.7    | 145.4                     | 92.7         |
| OCT.      | 85.2  | -             | 78.8                    | 208.2    | 151.4                     | 91.7         |
| NOV.      | 81.3  | -             | 74.8                    | 189.0    | 153.3                     | 89.1         |
| DIC.      | 86.0  | -             | 79.6                    | 191.0    | 157.4                     | 92.2         |
| 2017 ENE. | 83.8  | -             | 77.5                    | 184.2    | 157.4                     | 89.1         |
| FEB.      | 83.5  | -             | 77.1                    | 181.2    | 159.7                     | 88.5         |
| MAR.      | 80.4  | -             | 73.6                    | 197.9    | 153.5                     | 89.6         |
| ABR.      | 79.0  | -             | 71.3                    | 194.5    | 147.5                     | 139.7        |
| MAY.      | 76.0  | -             | 68.2                    | 193.5    | 141.5                     | 143.3        |
| JUN.      | 73.2  | -             | 65.4                    | 186.1    | 141.7                     | 141.3        |

**CIUDAD DE PAITA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2001 -  
NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Paíta |               |                         |          |                           |              |
|-----------|-------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017 JUL. | 72.9  | -             | 64.6                    | 202.4    | 143.5                     | 141.8        |
| AGO.      | 70.2  | -             | 62.3                    | 177.3    | 143.7                     | 134.6        |
| SET.      | 73.2  | -             | 65.6                    | 168.4    | 147.7                     | 133.6        |
| OCT.      | 75.1  | -             | 66.9                    | 169.9    | 161.7                     | 136.7        |
| NOV.      | 73.3  | -             | 64.4                    | 170.4    | 171.7                     | 134.1        |
| DIC.      | 76.9  | -             | 67.8                    | 172.8    | 175.6                     | 148.4        |
| ENE.      | 72.7  | -             | 62.9                    | 175.7    | 179.6                     | 143.3        |
| FEB.      | 78.1  | -             | 69.3                    | 177.7    | 174.6                     | 138.2        |
| MAR.      | 79.5  | -             | 71.4                    | 173.3    | 169.8                     | 135.6        |
| ABR.      | 83.5  | -             | 75.9                    | 181.1    | 166.4                     | 133.6        |
| MAY.      | 83.4  | -             | 76.0                    | 176.7    | 163.2                     | 133.1        |
| JUN.      | 81.9  | -             | 74.4                    | 189.5    | 157.8                     | 132.0        |
| JUL.      | 81.8  | -             | 74.2                    | 191.0    | 158.4                     | 133.1        |
| AGO.      | 79.7  | -             | 71.8                    | 196.9    | 156.1                     | 136.1        |
| SET.      | 76.1  | -             | 67.6                    | 200.3    | 156.6                     | 139.7        |
| OCT.      | 65.4  | -             | 55.1                    | 201.3    | 165.5                     | 139.2        |
| NOV.      | 63.5  | -             | 52.6                    | 201.3    | 172.7                     | 139.7        |
| DIC.      | 72.0  | -             | 61.9                    | 200.8    | 176.4                     | 138.7        |
| 2018 ENE. | 70.1  | -             | 59.8                    | 201.3    | 174.5                     | 140.2        |
| FEB.      | 74.9  | -             | 65.8                    | 186.1    | 170.0                     | 140.2        |
| MAR.      | 81.4  | -             | 72.8                    | 197.4    | 169.8                     | 139.2        |
| ABR.      | 82.2  | -             | 73.7                    | 203.8    | 165.8                     | 140.2        |
| MAY.      | 87.1  | -             | 79.3                    | 205.3    | 164.9                     | 134.1        |
| JUN.      | 93.7  | -             | 84.6                    | 232.8    | 184.4                     | 148.2        |
| JUL.      | 91.0  | -             | 81.6                    | 234.8    | 183.3                     | 147.7        |
| AGO.      | 93.4  | -             | 84.0                    | 239.2    | 186.2                     | 148.2        |
| SET.      | 90.4  | -             | 80.3                    | 238.7    | 192.9                     | 148.7        |
| OCT.      | 85.0  | -             | 73.6                    | 240.7    | 200.9                     | 147.8        |
| NOV.      | 91.7  | -             | 80.6                    | 245.1    | 208.5                     | 146.5        |
| DIC.      | 91.3  | -             | 79.5                    | 253.5    | 215.8                     | 146.5        |
| 2019 ENE. | 90.5  | -             | 78.3                    | 269.2    | 216.6                     | 144.0        |
| FEB.      | 109.4 | -             | 94.1                    | 510.4    | 214.2                     | 143.1        |
| MAR.      | 113.8 | -             | 94.1                    | 725.5    | 210.5                     | 145.7        |
| ABR.      | 114.3 | -             | 111.3                   | 59.6     | 201.6                     | 146.1        |
| MAY.      | 111.5 | -             | 108.2                   | 58.4     | 201.0                     | 146.5        |
| JUN.      | 108.5 | -             | 104.6                   | 60.7     | 202.1                     | 147.4        |
| JUL.      | 103.5 | -             | 99.0                    | 60.7     | 201.9                     | 148.7        |
| AGO.      | 106.1 | -             | 101.9                   | 57.8     | 202.3                     | 150.0        |
| SET.      | 105.5 | -             | 101.3                   | 56.0     | 202.3                     | 149.6        |
| OCT.      | 105.4 | -             | 100.5                   | 58.4     | 211.4                     | 149.1        |
| NOV. P/   | 98.7  | -             | 92.7                    | 56.6     | 216.8                     | 148.3        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2001.

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 PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2002 ENE. | -8.9               | -1.3              | -9.6                         | 4.1      | 17.3                            | -17.5            | -8.9                        | -1.3              | -9.6                         | 4.1      | 17.3                            | -17.5            |
| FEB.      | -7.5               | -27.6             | -8.3                         | -5.6     | 21.2                            | 0.7              | -8.2                        | -14.1             | -8.9                         | -1.0     | 19.2                            | -8.8             |
| MAR.      | 17.0               | -3.7              | 19.3                         | 4.9      | 18.7                            | -17.3            | 0.5                         | -11.1             | 0.9                          | 1.0      | 19.1                            | -11.8            |
| ABR.      | 14.5               | 9.9               | 15.7                         | 11.5     | 5.6                             | 2.3              | 4.2                         | -5.9              | 4.8                          | 3.5      | 15.6                            | -8.1             |
| MAY.      | 21.6               | 3.6               | 24.3                         | 9.0      | 7.8                             | -5.5             | 7.8                         | -3.9              | 8.8                          | 4.6      | 14.0                            | -7.5             |
| JUN.      | 17.0               | 4.4               | 18.9                         | 6.9      | 1.9                             | -1.8             | 9.4                         | -2.5              | 10.6                         | 5.0      | 11.9                            | -6.5             |
| JUL.      | 14.6               | 4.5               | 16.3                         | 5.0      | 1.5                             | -1.9             | 10.2                        | -1.5              | 11.4                         | 5.0      | 10.3                            | -5.8             |
| AGO.      | 15.5               | 14.7              | 17.3                         | 2.9      | 2.0                             | -4.0             | 10.9                        | 0.6               | 12.2                         | 4.7      | 9.2                             | -5.5             |
| SET.      | 2.3                | 19.9              | 2.7                          | 3.0      | 1.5                             | -5.6             | 9.8                         | 2.2               | 11.0                         | 4.5      | 8.3                             | -5.5             |
| OCT.      | 26.5               | 22.4              | 30.4                         | 1.0      | 0.6                             | -4.3             | 11.2                        | 3.7               | 12.5                         | 4.2      | 7.5                             | -5.4             |
| NOV.      | -12.7              | -4.2              | -13.7                        | -4.8     | -0.3                            | -4.9             | 8.7                         | 2.9               | 9.8                          | 3.3      | 6.8                             | -5.4             |
| DIC.      | -8.6               | 4.7               | -9.4                         | 2.9      | -0.7                            | -5.4             | 7.2                         | 3.1               | 8.1                          | 3.3      | 6.1                             | -5.4             |
| 2003 ENE. | 5.7                | -3.4              | 6.5                          | 2.9      | -6.1                            | 8.6              | 5.7                         | -3.4              | 6.5                          | 2.9      | -6.1                            | 8.6              |
| FEB.      | -23.0              | -28.9             | -25.5                        | -1.0     | -4.6                            | -1.1             | -9.1                        | -13.9             | -10.0                        | 1.0      | -5.4                            | 3.5              |
| MAR.      | -37.4              | -93.8             | -40.6                        | -7.5     | -5.2                            | 6.1              | -20.5                       | -38.5             | -22.5                        | -2.0     | -5.3                            | 4.4              |
| ABR.      | -45.9              | -71.8             | -50.3                        | -5.7     | 5.6                             | 2.4              | -27.8                       | -48.2             | -30.6                        | -2.9     | -2.8                            | 3.8              |
| MAY.      | -39.7              | -93.0             | -43.2                        | -16.7    | 0.0                             | 8.8              | -30.6                       | -58.3             | -33.6                        | -5.8     | -2.2                            | 4.9              |
| JUN.      | -39.3              | -93.2             | -42.7                        | -16.7    | 0.0                             | 3.9              | -32.2                       | -64.8             | -35.3                        | -7.6     | -1.9                            | 4.7              |
| JUL.      | -38.4              | -93.1             | -41.8                        | -13.5    | -2.5                            | 5.6              | -33.2                       | -69.2             | -36.3                        | -8.5     | -2.0                            | 4.9              |
| AGO.      | -41.5              | -91.4             | -45.3                        | -13.5    | -2.0                            | 5.3              | -34.3                       | -72.5             | -37.6                        | -9.1     | -2.0                            | 4.9              |
| SET.      | -40.4              | -96.2             | -43.9                        | -5.9     | 1.1                             | 6.2              | -35.0                       | -74.7             | -38.3                        | -8.7     | -1.6                            | 5.1              |
| OCT.      | -35.4              | -92.9             | -39.4                        | -5.9     | 2.1                             | 7.9              | -35.1                       | -76.3             | -38.4                        | -8.5     | -1.3                            | 5.4              |
| NOV.      | -27.5              | -87.6             | -31.3                        | -4.0     | 2.5                             | 7.0              | -34.5                       | -77.3             | -37.8                        | -8.1     | -0.9                            | 5.5              |
| DIC.      | -29.0              | -92.1             | -32.2                        | -11.5    | 3.4                             | 6.8              | -34.0                       | -78.6             | -37.4                        | -8.4     | -0.6                            | 5.7              |
| 2004 ENE. | -11.0              | -92.1             | -12.1                        | -11.5    | 6.0                             | 8.8              | -11.0                       | -92.1             | -12.1                        | -11.5    | 6.0                             | 8.8              |
| FEB.      | 17.7               | -84.5             | 20.3                         | -13.0    | 4.5                             | 7.9              | 1.5                         | -89.5             | 1.8                          | -12.3    | 5.2                             | 8.4              |
| MAR.      | 10.9               | -56.8             | 11.1                         | -11.2    | 5.6                             | 34.6             | 4.5                         | -88.5             | 4.7                          | -11.9    | 5.3                             | 17.5             |
| ABR.      | 31.5               | -78.1             | 34.7                         | -13.0    | 6.0                             | 44.7             | 10.3                        | -86.9             | 10.9                         | -12.2    | 5.5                             | 25.4             |
| MAY.      | 0.9                | -14.3             | -1.7                         | -3.4     | 7.2                             | 42.8             | 8.4                         | -84.1             | 8.3                          | -10.6    | 5.8                             | 29.4             |
| JUN.      | 15.8               | -7.2              | 15.5                         | -3.4     | 7.2                             | 42.6             | 9.6                         | -81.4             | 9.5                          | -9.5     | 6.1                             | 31.9             |
| JUL.      | 9.6                | 57.9              | 6.8                          | -3.4     | 13.3                            | 45.0             | 9.6                         | -76.5             | 9.1                          | -8.6     | 7.1                             | 34.0             |
| AGO.      | 18.1               | 15.1              | 17.1                         | -3.4     | 13.5                            | 48.5             | 10.7                        | -72.3             | 10.1                         | -8.0     | 7.8                             | 36.0             |
| SET.      | -10.8              | -21.4             | -16.7                        | -12.4    | 17.9                            | 46.8             | 8.4                         | -71.5             | 7.3                          | -8.5     | 9.0                             | 37.3             |
| OCT.      | -4.8               | -58.2             | -8.9                         | -12.4    | 17.3                            | 38.5             | 7.2                         | -71.2             | 5.8                          | -8.9     | 9.8                             | 37.4             |
| NOV.      | 5.1                | -14.5             | 3.2                          | -18.5    | 17.8                            | 37.7             | 7.0                         | -68.5             | 5.6                          | -9.8     | 10.5                            | 37.5             |
| DIC.      | 4.3                | 9.8               | 1.5                          | -14.9    | 18.3                            | 37.6             | 6.8                         | -65.9             | 5.3                          | -10.2    | 11.2                            | 37.5             |
| 2005 ENE. | -11.0              | 9.8               | -15.8                        | -2.3     | 15.0                            | 51.6             | -11.0                       | 9.8               | -15.8                        | -2.3     | 15.0                            | 51.6             |
| FEB.      | -14.9              | -27.5             | -20.7                        | 3.3      | 32.5                            | 50.3             | -13.0                       | -8.9              | -18.2                        | 0.4      | 23.9                            | 50.9             |
| MAR.      | -7.2               | 110.6             | -10.8                        | 3.3      | 34.9                            | 13.5             | -11.0                       | 5.1               | -15.8                        | 1.4      | 27.6                            | 36.1             |
| ABR.      | -10.0              | -17.3             | -14.0                        | 10.0     | 34.4                            | 7.7              | -10.7                       | -0.8              | -15.3                        | 3.5      | 29.4                            | 26.6             |
| MAY.      | 2.9                | 56.9              | -0.3                         | 10.0     | 35.5                            | 8.5              | -8.2                        | 11.0              | -12.6                        | 4.8      | 30.6                            | 22.0             |
| JUN.      | -13.7              | 3.9               | -18.9                        | 10.0     | 33.6                            | 8.2              | -9.1                        | 9.8               | -13.6                        | 5.7      | 31.1                            | 19.2             |
| JUL.      | -11.3              | -77.6             | -13.6                        | 10.0     | 34.6                            | -0.3             | -9.4                        | -10.9             | -13.6                        | 6.3      | 31.6                            | 15.8             |
| AGO.      | -17.6              | -47.7             | -21.7                        | 13.3     | 33.0                            | -1.9             | -10.5                       | -18.0             | -14.7                        | 7.1      | 31.8                            | 13.1             |
| SET.      | 14.1               | 68.3              | 15.7                         | 17.2     | 26.2                            | -0.6             | -8.4                        | -14.6             | -12.2                        | 8.2      | 31.1                            | 11.3             |
| OCT.      | 20.9               | 82.1              | 23.4                         | 17.2     | 26.4                            | 3.2              | -6.0                        | -10.9             | -9.5                         | 9.1      | 30.6                            | 10.4             |
| NOV.      | 2.9                | -50.1             | 2.4                          | 25.9     | 29.3                            | 2.3              | -5.2                        | -16.0             | -8.4                         | 10.5     | 30.5                            | 9.6              |
| DIC.      | 2.3                | -27.6             | 0.9                          | 25.9     | 29.5                            | 2.7              | -4.6                        | -17.2             | -7.7                         | 11.7     | 30.4                            | 9.0              |
| 2006 ENE. | 7.2                | -57.0             | 7.7                          | 9.7      | 30.3                            | 4.3              | 7.2                         | -57.0             | 7.7                          | 9.7      | 30.3                            | 4.3              |
| FEB.      | 13.9               | -34.9             | 16.7                         | 9.7      | 9.8                             | 5.6              | 10.5                        | -48.2             | 12.1                         | 9.7      | 19.2                            | 5.0              |
| MAR.      | 8.4                | -13.4             | 10.3                         | 9.7      | 2.8                             | 3.2              | 9.8                         | -40.1             | 11.5                         | 9.7      | 13.3                            | 4.4              |
| ABR.      | 12.1               | -0.7              | 14.4                         | 6.1      | 6.3                             | 2.9              | 10.4                        | -31.4             | 12.2                         | 8.7      | 11.4                            | 4.0              |
| MAY.      | 2.8                | -50.5             | 3.7                          | 3.0      | 9.4                             | 4.6              | 8.8                         | -36.9             | 10.4                         | 7.5      | 11.0                            | 4.1              |
| JUN.      | 9.8                | 2.5               | 11.3                         | 3.0      | 12.1                            | 0.9              | 8.9                         | -30.3             | 10.5                         | 6.8      | 11.2                            | 3.5              |
| JUL.      | 10.5               | 168.7             | 10.2                         | -1.8     | 11.2                            | 3.6              | 9.2                         | -18.5             | 10.5                         | 5.5      | 11.2                            | 3.5              |
| AGO.      | 19.1               | -1.9              | 22.8                         | -2.3     | 11.2                            | 1.8              | 10.4                        | -16.4             | 12.0                         | 4.5      | 11.2                            | 3.3              |
| SET.      | 15.7               | 36.9              | 18.9                         | 0.0      | 9.1                             | -11.3            | 10.9                        | -12.3             | 12.7                         | 4.0      | 11.0                            | 1.6              |
| OCT.      | 10.0               | 37.7              | 11.6                         | 2.3      | 7.0                             | -11.3            | 10.8                        | -8.4              | 12.6                         | 3.8      | 10.5                            | 0.2              |
| NOV.      | 3.6                | -18.2             | 4.8                          | 9.3      | 5.1                             | -11.3            | 10.1                        | -9.2              | 11.8                         | 4.3      | 10.0                            | -0.8             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2007      | DIC. | 1.7                | 28.4              | 2.1                            | 9.3      | 5.2                             | -12.6            | 9.4                         | -5.7              | 11.0                           | 4.7      | 9.6                             | -1.9             |
|           | ENE. | 4.0                | 167.1             | 3.2                            | 4.7      | 5.2                             | -24.4            | 4.0                         | 167.1             | 3.2                            | 4.7      | 5.2                             | -24.4            |
|           | FEB. | -9.9               | 107.1             | -12.0                          | 9.2      | 10.3                            | -26.0            | -3.1                        | 137.1             | -4.5                           | 6.9      | 7.7                             | -25.2            |
|           | MAR. | -7.6               | 85.9              | -10.1                          | 9.2      | 13.4                            | -19.8            | -4.6                        | 119.7             | -6.5                           | 7.7      | 9.6                             | -23.5            |
|           | ABR. | -3.1               | 9.4               | -3.7                           | 6.1      | 9.3                             | -8.8             | -4.2                        | 84.7              | -5.8                           | 7.3      | 9.5                             | -19.3            |
|           | MAY. | 3.9                | 57.4              | 4.3                            | 11.7     | 6.8                             | -13.2            | -2.6                        | 78.5              | -3.8                           | 8.2      | 8.9                             | -17.9            |
|           | JUN. | 11.5               | 13.5              | 13.6                           | 9.2      | 5.1                             | -8.9             | -0.2                        | 62.5              | -0.9                           | 8.3      | 8.3                             | -16.3            |
|           | JUL. | 8.6                | 10.3              | 10.4                           | 17.2     | 1.7                             | -9.0             | 1.0                         | 52.2              | 0.7                            | 9.5      | 7.3                             | -15.2            |
|           | AGO. | 9.2                | 39.7              | 9.9                            | 11.8     | 3.9                             | -6.0             | 2.1                         | 50.4              | 1.9                            | 9.8      | 6.9                             | -14.0            |
|           | SET. | 11.0               | 33.5              | 11.2                           | 9.2      | 4.9                             | 5.5              | 3.1                         | 48.4              | 2.9                            | 9.8      | 6.6                             | -12.0            |
| 2008      | OCT. | -1.9               | -8.2              | -2.7                           | 6.7      | 7.5                             | 3.9              | 2.6                         | 41.8              | 2.3                            | 9.4      | 6.7                             | -10.6            |
|           | NOV. | 1.0                | 111.3             | -1.4                           | -0.1     | 8.3                             | 5.8              | 2.4                         | 46.6              | 2.0                            | 8.5      | 6.9                             | -9.2             |
|           | DIC. | 17.9               | 39.4              | 18.3                           | -0.1     | 7.9                             | 9.0              | 3.7                         | 45.7              | 3.3                            | 7.7      | 7.0                             | -7.8             |
|           | ENE. | 14.1               | 6.9               | 15.1                           | 6.8      | 10.3                            | -2.2             | 14.1                        | 6.9               | 15.1                           | 6.8      | 10.3                            | -2.2             |
|           | FEB. | 40.4               | 32.9              | 44.7                           | 4.7      | 7.0                             | 2.8              | 26.5                        | 18.3              | 29.0                           | 5.7      | 8.6                             | 0.3              |
|           | MAR. | 24.6               | 28.1              | 26.6                           | 9.3      | 7.0                             | -3.2             | 25.9                        | 21.1              | 28.2                           | 6.9      | 8.1                             | -0.9             |
|           | ABR. | 13.9               | 12.6              | 14.7                           | 11.6     | 5.0                             | -0.6             | 22.7                        | 19.5              | 24.6                           | 8.1      | 7.3                             | -0.8             |
|           | MAY. | 27.7               | 7.1               | 30.7                           | 6.8      | 5.0                             | 3.7              | 23.8                        | 17.0              | 25.9                           | 7.8      | 6.8                             | 0.3              |
|           | JUN. | 18.3               | 4.3               | 19.8                           | 7.0      | 6.3                             | 2.2              | 22.8                        | 14.8              | 24.7                           | 7.7      | 6.7                             | 0.7              |
|           | JUL. | 21.3               | 8.2               | 23.3                           | 6.8      | 10.3                            | -3.7             | 22.5                        | 13.9              | 24.5                           | 7.6      | 7.2                             | -0.1             |
| 2009      | AGO. | 16.0               | 4.8               | 17.3                           | 5.5      | 15.8                            | -7.2             | 21.6                        | 12.7              | 23.5                           | 7.3      | 8.3                             | -1.1             |
|           | SET. | 13.7               | -13.1             | 15.3                           | 9.3      | 5.0                             | -4.8             | 20.7                        | 9.8               | 22.5                           | 7.5      | 7.9                             | -1.5             |
|           | OCT. | 25.7               | 28.3              | 28.1                           | 15.0     | 4.3                             | -4.0             | 21.2                        | 11.2              | 23.1                           | 8.3      | 7.6                             | -1.8             |
|           | NOV. | 25.0               | 6.0               | 28.6                           | 15.0     | 5.2                             | -4.0             | 21.5                        | 10.7              | 23.5                           | 8.9      | 7.4                             | -2.0             |
|           | DIC. | 2.0                | -29.2             | 3.0                            | 22.5     | 2.8                             | -5.0             | 19.7                        | 6.0               | 21.6                           | 10.0     | 7.0                             | -2.3             |
|           | ENE. | 0.7                | -24.7             | 1.1                            | 12.3     | 5.1                             | -3.9             | 0.7                         | -24.7             | 1.1                            | 12.3     | 5.1                             | -3.9             |
|           | FEB. | -5.8               | -13.9             | -6.3                           | 9.8      | 1.7                             | -2.3             | -2.7                        | -19.4             | -2.8                           | 11.1     | 3.4                             | -3.1             |
|           | MAR. | 0.2                | -32.8             | 1.1                            | 1.7      | -5.0                            | 0.0              | -1.7                        | -23.5             | -1.5                           | 7.8      | 0.6                             | -2.1             |
|           | ABR. | 9.1                | 12.1              | 10.4                           | 16.5     | -2.9                            | -5.0             | 1.0                         | -17.2             | 1.4                            | 10.1     | -0.3                            | -3.0             |
|           | MAY. | -9.3               | 5.9               | -10.1                          | 20.7     | -5.2                            | -7.8             | -1.3                        | -12.9             | -1.2                           | 12.3     | -1.3                            | -4.2             |
| 2010      | JUN. | -9.7               | 6.4               | -10.7                          | 21.6     | -4.3                            | -4.9             | -2.8                        | -9.9              | -2.9                           | 13.8     | -1.8                            | -4.3             |
|           | JUL. | -2.4               | -1.1              | -2.5                           | 17.2     | -8.1                            | -0.6             | -2.8                        | -8.7              | -2.8                           | 14.3     | -2.7                            | -3.7             |
|           | AGO. | 0.7                | 7.4               | 0.9                            | 23.2     | -12.8                           | 3.3              | -2.3                        | -6.7              | -2.3                           | 15.4     | -4.0                            | -2.8             |
|           | SET. | -5.4               | 3.7               | -6.4                           | 20.7     | 0.6                             | 0.9              | -2.7                        | -5.8              | -2.8                           | 16.0     | -3.5                            | -2.4             |
|           | OCT. | -9.4               | -26.0             | -10.5                          | 13.1     | 5.3                             | 0.2              | -3.3                        | -7.6              | -3.6                           | 15.7     | -2.7                            | -2.1             |
|           | NOV. | 0.5                | -34.6             | 0.6                            | 13.1     | 8.8                             | 2.4              | -3.0                        | -10.2             | -3.2                           | 15.4     | -1.6                            | -1.7             |
|           | DIC. | 9.5                | -20.6             | 10.1                           | 4.6      | 12.1                            | -0.1             | -2.0                        | -11.0             | -2.2                           | 14.4     | -0.5                            | -1.5             |
|           | ENE. | 6.5                | -10.3             | 5.6                            | 12.5     | -5.9                            | 14.4             | 6.5                         | -10.3             | 5.6                            | 12.5     | -5.9                            | 14.4             |
|           | FEB. | 4.3                | -20.2             | 3.6                            | 13.1     | -0.2                            | 3.1              | 5.4                         | -15.5             | 4.6                            | 12.8     | -3.1                            | 8.6              |
|           | MAR. | 14.4               | 13.6              | 14.4                           | 23.1     | 14.9                            | 2.4              | 8.4                         | -7.7              | 7.9                            | 16.1     | 2.6                             | 6.5              |
| 2011      | ABR. | 5.8                | -4.0              | 5.4                            | 11.4     | 15.1                            | -4.3             | 7.7                         | -6.8              | 7.2                            | 14.8     | 5.6                             | 3.1              |
|           | MAY. | 15.2               | -17.5             | 16.0                           | 18.9     | 19.3                            | -2.0             | 9.2                         | -9.2              | 9.0                            | 15.7     | 8.2                             | 1.9              |
|           | JUN. | 28.9               | -14.2             | 32.7                           | 22.0     | 18.4                            | -4.1             | 12.5                        | -10.1             | 12.9                           | 16.8     | 9.8                             | 0.7              |
|           | JUL. | 12.7               | -9.0              | 13.1                           | 28.5     | 18.2                            | -1.8             | 12.6                        | -10.0             | 13.0                           | 18.6     | 11.0                            | 0.3              |
|           | AGO. | 3.4                | -19.9             | 2.5                            | 24.5     | 15.5                            | -1.6             | 11.3                        | -11.4             | 11.5                           | 19.3     | 11.5                            | 0.0              |
|           | SET. | 11.3               | 7.7               | 10.8                           | 21.1     | 12.9                            | -1.4             | 11.3                        | -9.6              | 11.4                           | 19.5     | 11.7                            | -0.2             |
|           | OCT. | 0.9                | 25.7              | -1.8                           | 12.3     | 6.2                             | -1.5             | 10.3                        | -7.1              | 10.2                           | 18.8     | 11.1                            | -0.3             |
|           | NOV. | -17.2              | 18.4              | -22.9                          | 15.2     | 2.6                             | -5.4             | 7.7                         | -5.3              | 7.0                            | 18.5     | 10.2                            | -0.8             |
|           | DIC. | -3.6               | 18.0              | -7.5                           | 34.0     | 11.2                            | -3.2             | 6.7                         | -3.7              | 5.7                            | 19.8     | 10.3                            | -1.0             |
|           | ENE. | -4.5               | 8.7               | -8.4                           | 34.4     | 23.1                            | -6.5             | -4.5                        | 8.7               | -8.4                           | 34.4     | 23.1                            | -6.5             |
| 2011      | FEB. | 2.9                | 12.2              | 1.1                            | 45.7     | 18.2                            | -22.6            | -0.8                        | 10.4              | -3.6                           | 40.1     | 20.6                            | -14.4            |
|           | MAR. | -0.2               | 14.9              | -3.8                           | 53.9     | 11.2                            | -1.5             | -0.6                        | 11.9              | -3.7                           | 44.8     | 17.3                            | -10.1            |
|           | ABR. | 4.6                | -1.7              | 2.8                            | 48.3     | 8.5                             | -4.1             | 0.8                         | 8.5               | -2.0                           | 45.8     | 15.0                            | -8.4             |
|           | MAY. | -5.1               | -8.9              | -8.2                           | 41.0     | 7.1                             | -4.7             | -0.5                        | 5.0               | -3.3                           | 44.7     | 13.3                            | -7.5             |
|           | JUN. | -7.3               | 5.5               | -11.2                          | 41.8     | 6.7                             | -4.0             | -1.8                        | 5.1               | -4.9                           | 44.2     | 12.2                            | -6.9             |
|           | JUL. | -1.7               | 8.8               | -4.9                           | 37.3     | 9.6                             | -2.2             | -1.8                        | 5.6               | -4.9                           | 43.1     | 11.8                            | -6.1             |
|           | AGO. | 0.9                | 6.9               | -1.9                           | 45.5     | 10.4                            | -3.1             | -1.4                        | 5.8               | -4.5                           | 43.4     | 11.6                            | -5.7             |
|           | SET. | 3.6                | -0.8              | 1.8                            | 44.6     | 7.8                             | -2.8             | -0.9                        | 5.0               | -3.8                           | 43.5     | 11.2                            | -5.3             |
|           | OCT. | 13.6               | -4.9              | 13.9                           | 51.7     | 8.7                             | 0.6              | 0.4                         | 4.1               | -2.3                           | 44.3     | 10.9                            | -4.7             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2012      | NOV. | 14.0               | -6.2              | 15.8                           | 38.1     | 7.5                             | 3.4              | 1.4                         | 3.2               | -1.0                           | 43.8     | 10.6                            | -3.9             |
|           | DIC. | 2.4                | 9.4               | 1.7                            | 13.5     | 1.1                             | 5.0              | 1.5                         | 3.7               | -0.8                           | 40.9     | 9.7                             | -3.2             |
|           | ENE. | 5.4                | -2.6              | 5.7                            | 8.7      | 4.5                             | 2.3              | 5.4                         | -2.6              | 5.7                            | 8.7      | 4.5                             | 2.3              |
|           | FEB. | -5.5               | -33.7             | -7.2                           | 3.6      | 5.2                             | 31.3             | -0.3                        | -18.3             | -1.1                           | 6.0      | 4.9                             | 15.2             |
|           | MAR. | -15.0              | -32.2             | -17.8                          | 2.8      | 4.6                             | 0.3              | -5.6                        | -23.0             | -7.1                           | 4.8      | 4.8                             | 9.8              |
|           | ABR. | -17.5              | -29.6             | -21.4                          | -0.1     | 9.5                             | 7.1              | -8.8                        | -24.5             | -11.1                          | 3.5      | 5.9                             | 9.0              |
|           | MAY. | -11.4              | -26.7             | -14.2                          | 0.2      | 9.8                             | 3.4              | -9.4                        | -24.8             | -11.7                          | 2.8      | 6.7                             | 7.7              |
|           | JUN. | -13.1              | -20.8             | -16.5                          | 9.2      | 7.4                             | 6.1              | -10.0                       | -24.1             | -12.6                          | 3.9      | 6.8                             | 7.4              |
|           | JUL. | -16.7              | -23.0             | -20.6                          | 12.3     | 2.3                             | 4.1              | -11.1                       | -24.0             | -13.8                          | 5.2      | 6.2                             | 6.8              |
|           | AGO. | -13.5              | -26.1             | -16.5                          | -0.1     | 5.9                             | 4.3              | -11.4                       | -24.2             | -14.2                          | 4.5      | 6.1                             | 6.5              |
| 2013      | SET. | -14.4              | -23.1             | -18.0                          | 1.5      | 10.1                            | 2.9              | -11.7                       | -24.1             | -14.6                          | 4.1      | 6.6                             | 6.0              |
|           | OCT. | -9.2               | -37.6             | -11.8                          | 7.1      | 11.5                            | 2.8              | -11.5                       | -25.3             | -14.3                          | 4.5      | 7.1                             | 5.7              |
|           | NOV. | -1.6               | -35.1             | -3.0                           | 14.7     | 12.0                            | 3.0              | -10.7                       | -26.1             | -13.4                          | 5.3      | 7.5                             | 5.4              |
|           | DIC. | -3.7               | -30.7             | -6.0                           | 24.3     | 16.1                            | -2.3             | -10.1                       | -26.5             | -12.8                          | 6.8      | 8.3                             | 4.7              |
|           | ENE. | -7.9               | -39.0             | -10.8                          | 26.8     | 12.8                            | 0.0              | -7.9                        | -39.0             | -10.8                          | 26.8     | 12.8                            | 0.0              |
|           | FEB. | -2.1               | 8.2               | -5.2                           | 22.2     | 13.6                            | -6.5             | -5.0                        | -19.8             | -8.0                           | 24.4     | 13.2                            | -3.3             |
|           | MAR. | 4.8                | -1.2              | 3.9                            | 14.6     | 14.3                            | -4.6             | -1.9                        | -14.3             | -4.2                           | 20.9     | 13.6                            | -3.7             |
|           | ABR. | 2.5                | 3.6               | 0.4                            | 15.0     | 18.1                            | -2.6             | -0.8                        | -10.5             | -3.1                           | 19.3     | 14.7                            | -3.4             |
|           | MAY. | -3.1               | -5.9              | -5.8                           | 8.3      | 16.8                            | -2.8             | -1.2                        | -9.7              | -3.6                           | 17.0     | 15.1                            | -3.3             |
|           | JUN. | -8.5               | -6.2              | -12.0                          | 1.0      | 18.8                            | -6.2             | -2.5                        | -9.1              | -5.1                           | 13.9     | 15.7                            | -3.8             |
| 2014      | JUL. | -6.7               | -15.0             | -9.7                           | -0.1     | 22.4                            | -7.6             | -3.1                        | -10.0             | -5.7                           | 11.6     | 16.7                            | -4.4             |
|           | AGO. | -4.6               | -6.5              | -7.2                           | 6.1      | 18.0                            | -9.0             | -3.3                        | -9.6              | -5.9                           | 10.9     | 16.8                            | -5.1             |
|           | SET. | -4.8               | -3.7              | -7.3                           | 5.5      | 15.1                            | -8.1             | -3.5                        | -8.9              | -6.1                           | 10.2     | 16.6                            | -5.4             |
|           | OCT. | -9.1               | 9.3               | -13.2                          | 3.9      | 16.8                            | -9.6             | -4.0                        | -7.6              | -6.8                           | 9.6      | 16.6                            | -5.9             |
|           | NOV. | -9.3               | 5.5               | -13.2                          | 2.5      | 15.8                            | -11.0            | -4.5                        | -6.7              | -7.4                           | 8.9      | 16.6                            | -6.4             |
|           | DIC. | -9.9               | 6.6               | -13.7                          | 1.0      | 9.2                             | -4.8             | -5.0                        | -5.5              | -7.9                           | 8.2      | 15.9                            | -6.3             |
|           | ENE. | -10.5              | 22.3              | -15.1                          | -1.6     | 11.2                            | -6.5             | -10.5                       | 22.3              | -15.1                          | -1.6     | 11.2                            | -6.5             |
|           | FEB. | -4.9               | -0.7              | -7.3                           | -2.1     | 10.1                            | -3.9             | -7.6                        | 9.6               | -11.1                          | -1.8     | 10.7                            | -5.3             |
|           | MAR. | -4.5               | 0.3               | -7.3                           | -10.3    | 8.3                             | 31.0             | -6.6                        | 6.4               | -9.8                           | -4.7     | 9.9                             | 6.6              |
|           | ABR. | -2.8               | 1.3               | -3.2                           | -10.6    | 2.9                             | 2.4              | -5.6                        | 5.2               | -8.1                           | -6.2     | 8.0                             | 5.3              |
| 2015      | MAY. | 3.9                | 27.9              | 4.4                            | -6.9     | 5.1                             | 0.3              | -3.7                        | 9.3               | -5.7                           | -6.3     | 7.4                             | 4.2              |
|           | JUN. | 5.0                | -12.2             | 7.0                            | -11.7    | 4.2                             | 9.1              | -2.3                        | 5.2               | -3.7                           | -7.2     | 6.9                             | 5.1              |
|           | JUL. | -5.3               | -2.9              | -6.6                           | -12.4    | 2.5                             | 6.7              | -2.7                        | 4.0               | -4.1                           | -8.0     | 6.2                             | 5.4              |
|           | AGO. | -4.4               | -15.7             | -5.3                           | -12.1    | 4.3                             | 9.0              | -2.9                        | 1.4               | -4.2                           | -8.5     | 6.0                             | 5.8              |
|           | SET. | -0.8               | -9.0              | -0.7                           | -9.8     | 3.1                             | 8.3              | -2.7                        | 0.2               | -3.8                           | -8.7     | 5.7                             | 6.1              |
|           | OCT. | 2.8                | 19.9              | 2.9                            | -12.3    | 6.0                             | 8.5              | -2.2                        | 1.9               | -3.2                           | -9.0     | 5.7                             | 6.4              |
|           | NOV. | 3.2                | -2.5              | 3.8                            | -10.3    | 7.7                             | 6.2              | -1.7                        | 1.6               | -2.6                           | -9.1     | 5.9                             | 6.4              |
|           | DIC. | 4.6                | -18.8             | 6.6                            | -10.6    | 8.7                             | 1.9              | -1.2                        | -0.4              | -1.9                           | -9.3     | 6.1                             | 6.0              |
|           | ENE. | 8.0                | -14.3             | 10.4                           | -7.0     | 8.5                             | 3.8              | 8.0                         | -14.3             | 10.4                           | -7.0     | 8.5                             | 3.8              |
|           | FEB. | 9.2                | -12.5             | 11.2                           | -1.9     | 9.6                             | 3.5              | 8.6                         | -13.4             | 10.8                           | -4.5     | 9.0                             | 3.6              |
| 2016      | MAR. | 10.9               | -8.2              | 14.2                           | 4.7      | 8.8                             | -21.5            | 9.4                         | -11.7             | 12.0                           | -1.5     | 9.0                             | -6.4             |
|           | ABR. | 9.0                | -3.3              | 10.3                           | 7.0      | 7.1                             | 1.7              | 9.3                         | -9.8              | 11.6                           | 0.5      | 8.5                             | -4.0             |
|           | MAY. | 7.2                | -6.9              | 7.9                            | 8.5      | 3.9                             | 6.9              | 8.9                         | -9.1              | 10.8                           | 2.1      | 7.6                             | -1.6             |
|           | JUN. | 2.0                | -9.3              | 1.1                            | 10.8     | 6.9                             | -1.7             | 7.7                         | -9.2              | 9.1                            | 3.5      | 7.5                             | -1.6             |
|           | JUL. | 6.9                | -1.1              | 7.6                            | 5.7      | 8.2                             | -0.8             | 7.6                         | -8.1              | 8.9                            | 3.8      | 7.6                             | -1.5             |
|           | AGO. | 0.7                | 26.4              | -1.2                           | 5.6      | 5.9                             | -2.4             | 6.7                         | -4.3              | 7.6                            | 4.0      | 7.4                             | -1.6             |
|           | SET. | -5.6               | 2.0               | -8.8                           | 4.9      | 4.6                             | 2.7              | 5.3                         | -3.7              | 5.7                            | 4.1      | 7.1                             | -1.1             |
|           | OCT. | -4.2               | -17.2             | -5.8                           | 7.1      | 0.3                             | 2.4              | 4.3                         | -5.0              | 4.6                            | 4.4      | 6.3                             | -0.7             |
|           | NOV. | -6.6               | 1.3               | -9.4                           | 0.3      | 0.8                             | 5.1              | 3.4                         | -4.5              | 3.3                            | 4.0      | 5.8                             | -0.2             |
|           | DIC. | -5.7               | 21.2              | -8.4                           | -1.9     | 0.4                             | 5.1              | 2.6                         | -2.5              | 2.3                            | 3.6      | 5.3                             | 0.3              |
| 2016      | ENE. | -2.3               | 10.8              | -2.7                           | -6.5     | -0.5                            | 2.5              | -2.3                        | 10.8              | -2.7                           | -6.5     | -0.5                            | 2.5              |
|           | FEB. | -12.5              | 7.4               | -15.8                          | -9.8     | -0.2                            | 4.6              | -7.7                        | 9.1               | -9.7                           | -8.2     | -0.4                            | 3.5              |
|           | MAR. | -19.2              | 7.4               | -24.2                          | -6.2     | -2.0                            | 3.7              | -11.8                       | 8.5               | -15.0                          | -7.5     | -0.9                            | 3.6              |
|           | ABR. | -19.3              | 7.1               | -25.4                          | -8.1     | -3.1                            | 20.8             | -13.8                       | 8.2               | -17.7                          | -7.7     | -1.4                            | 8.9              |
|           | MAY. | -22.3              | -0.8              | -28.8                          | -10.2    | -3.6                            | 20.2             | -15.5                       | 6.3               | -20.0                          | -8.2     | -1.9                            | 11.6             |
|           | JUN. | -21.5              | 13.7              | -27.9                          | -12.7    | -4.8                            | 17.8             | -16.5                       | 7.4               | -21.3                          | -9.0     | -2.3                            | 12.8             |
|           | JUL. | -15.2              | 4.4               | -21.0                          | -4.8     | -2.8                            | 21.2             | -16.4                       | 7.0               | -21.3                          | -8.4     | -2.4                            | 14.2             |
|           | AGO. | -16.6              | -9.8              | -22.1                          | -9.9     | -1.4                            | 19.5             | -16.4                       | 4.6               | -21.4                          | -8.6     | -2.3                            | 14.9             |
|           | SET. | -11.7              | 4.9               | -16.0                          | -13.9    | 1.6                             | 15.4             | -15.9                       | 4.6               | -20.9                          | -9.2     | -1.9                            | 14.9             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2017      | OCT.    | -10.4              | -1.7              | -15.4                        | -12.6    | 8.8                             | 18.6             | -15.4                       | 4.1               | -20.4                        | -9.5     | -0.8                            | 15.4             |
|           | NOV.    | -8.5               | 0.7               | -13.5                        | -6.8     | 10.1                            | 12.4             | -14.8                       | 3.8               | -19.8                        | -9.3     | 0.2                             | 15.1             |
|           | DIC.    | -8.8               | -15.1             | -14.0                        | -4.2     | 11.1                            | 18.7             | -14.3                       | 1.9               | -19.4                        | -8.9     | 1.1                             | 15.4             |
|           | ENE.    | -10.6              | -2.4              | -17.8                        | -0.4     | 14.8                            | 26.1             | -10.6                       | -2.4              | -17.8                        | -0.4     | 14.8                            | 26.1             |
|           | FEB.    | -4.9               | -5.0              | -9.6                         | -1.4     | 12.7                            | 22.8             | -7.8                        | -3.7              | -13.7                        | -0.9     | 13.7                            | 24.4             |
|           | MAR.    | -0.6               | -11.4             | -2.9                         | -7.9     | 14.1                            | 18.4             | -5.4                        | -6.2              | -10.2                        | -3.3     | 13.9                            | 22.4             |
|           | ABR.    | 3.7                | -11.9             | 5.9                          | -5.1     | 14.8                            | -24.3            | -3.2                        | -7.6              | -6.4                         | -3.8     | 14.1                            | 6.3              |
|           | MAY.    | 8.7                | -2.3              | 10.4                         | -5.9     | 18.4                            | -5.9             | -0.9                        | -6.6              | -3.2                         | -4.2     | 14.9                            | 3.1              |
|           | JUN.    | 10.3               | -3.1              | 12.4                         | 0.6      | 15.7                            | -4.8             | 0.9                         | -6.0              | -0.8                         | -3.4     | 15.0                            | 1.5              |
|           | JUL.    | 9.9                | -6.9              | 13.0                         | -5.5     | 13.8                            | -4.1             | 2.1                         | -6.1              | 1.0                          | -3.7     | 14.9                            | 0.6              |
| 2018      | AGO.    | 11.4               | -4.3              | 13.9                         | 3.4      | 12.6                            | 0.5              | 3.2                         | -5.9              | 2.4                          | -2.9     | 14.6                            | 0.6              |
|           | SET.    | 3.9                | -5.8              | 2.7                          | 9.1      | 10.9                            | 1.9              | 3.3                         | -5.9              | 2.4                          | -1.6     | 14.2                            | 0.7              |
|           | OCT.    | -10.0              | -4.7              | -16.2                        | 8.1      | 6.2                             | -0.1             | 2.0                         | -5.8              | 0.6                          | -0.7     | 13.3                            | 0.6              |
|           | NOV.    | -9.9               | 15.6              | -17.2                        | 6.4      | 4.8                             | 5.2              | 0.9                         | -4.1              | -0.9                         | -0.1     | 12.4                            | 1.1              |
|           | DIC.    | -4.8               | 1.2               | -8.7                         | 6.9      | 4.9                             | -0.6             | 0.4                         | -3.7              | -1.5                         | 0.5      | 11.7                            | 0.9              |
|           | ENE.    | -3.3               | -4.4              | -5.7                         | 6.2      | 1.4                             | 0.2              | -3.3                        | -4.4              | -5.7                         | 6.2      | 1.4                             | 0.2              |
|           | FEB.    | -4.0               | 1.2               | -6.0                         | 2.1      | -0.3                            | 1.5              | -3.7                        | -1.7              | -5.9                         | 4.2      | 0.6                             | 0.8              |
|           | MAR.    | 1.8                | 12.3              | 0.6                          | 7.1      | 1.6                             | 3.2              | -1.8                        | 2.7               | -3.6                         | 5.1      | 0.9                             | 1.6              |
|           | ABR.    | -0.1               | 10.4              | -3.7                         | 7.1      | 1.6                             | 34.4             | -1.4                        | 4.5               | -3.6                         | 5.6      | 1.1                             | 9.7              |
|           | MAY.    | 3.1                | 1.9               | 2.8                          | 8.0      | 1.1                             | 4.5              | -0.4                        | 4.0               | -2.3                         | 6.1      | 1.1                             | 8.5              |
| 2019      | JUN.    | 11.0               | 1.5               | 11.1                         | 12.2     | 12.1                            | 9.7              | 1.6                         | 3.5               | 0.0                          | 7.1      | 2.9                             | 8.7              |
|           | JUL.    | 9.1                | 7.7               | 8.1                          | 13.8     | 12.0                            | 8.9              | 2.7                         | 4.1               | 1.2                          | 8.1      | 4.1                             | 8.7              |
|           | AGO.    | 13.9               | 8.7               | 14.6                         | 12.6     | 14.3                            | 7.7              | 4.1                         | 4.7               | 2.9                          | 8.7      | 5.4                             | 8.6              |
|           | SET.    | 14.0               | -10.0             | 15.6                         | 10.8     | 16.1                            | 5.7              | 5.1                         | 3.1               | 4.2                          | 8.9      | 6.5                             | 8.2              |
|           | OCT.    | 22.9               | 9.7               | 28.9                         | 12.3     | 15.0                            | 4.4              | 6.7                         | 3.6               | 6.2                          | 9.3      | 7.4                             | 7.8              |
|           | NOV.    | 34.4               | -1.2              | 46.9                         | 14.8     | 18.6                            | 4.0              | 8.9                         | 3.2               | 9.1                          | 9.8      | 8.4                             | 7.4              |
|           | DIC.    | 21.4               | 1.6               | 25.2                         | 16.3     | 19.5                            | 3.5              | 9.9                         | 3.0               | 10.3                         | 10.4     | 9.4                             | 7.0              |
|           | ENE.    | 23.7               | 1.6               | 27.3                         | 22.5     | 20.7                            | 4.5              | 23.7                        | 1.6               | 27.3                         | 22.5     | 20.7                            | 4.5              |
|           | FEB.    | 38.2               | 1.6               | 39.1                         | 92.9     | 22.9                            | 5.3              | 31.1                        | 1.6               | 33.4                         | 57.0     | 21.8                            | 4.9              |
|           | MAR.    | 33.3               | 5.7               | 26.4                         | 145.7    | 20.8                            | 8.4              | 31.9                        | 3.0               | 30.9                         | 86.8     | 21.4                            | 6.1              |
| 2019      | ABR.    | 32.2               | 8.5               | 46.7                         | -44.3    | 18.8                            | 0.6              | 32.0                        | 4.3               | 35.1                         | 53.3     | 20.8                            | 4.4              |
|           | MAY.    | 23.3               | 5.7               | 33.4                         | -48.1    | 20.0                            | 3.3              | 30.1                        | 4.6               | 34.8                         | 32.5     | 20.6                            | 4.2              |
|           | JUN.    | 13.5               | 9.9               | 21.9                         | -50.9    | 11.1                            | -1.3             | 27.0                        | 5.5               | 32.3                         | 17.5     | 19.0                            | 3.1              |
|           | JUL.    | 11.6               | 0.4               | 19.8                         | -50.7    | 11.8                            | -1.3             | 24.6                        | 4.8               | 30.3                         | 7.0      | 17.9                            | 2.4              |
|           | AGO.    | 11.8               | 4.5               | 19.7                         | -50.8    | 9.8                             | 3.0              | 22.8                        | 4.7               | 28.9                         | -0.8     | 16.8                            | 2.5              |
|           | SET.    | 14.7               | 22.3              | 24.2                         | -50.8    | 7.0                             | 2.7              | 21.9                        | 6.4               | 28.3                         | -6.7     | 15.7                            | 2.5              |
|           | OCT.    | 19.7               | -17.6             | 33.2                         | -49.5    | 7.2                             | 3.3              | 21.7                        | 4.3               | 28.8                         | -11.3    | 14.7                            | 2.6              |
|           | NOV. P/ | 6.2                | -8.4              | 13.3                         | -47.5    | 3.8                             | 3.1              | 20.2                        | 3.2               | 27.3                         | -14.9    | 13.6                            | 2.6              |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2002.

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 PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2002 ENE. | 4.1                | 12.2              | 31.1                           | 4.1      | 30.0                            | -61.4            | 4.1                         | 12.2              | 31.1                           | 4.1      | 30.0                            | -61.4            |
| FEB.      | 11.1               | -44.6             | 31.1                           | -5.6     | 51.3                            | -47.0            | 7.5                         | -16.0             | 31.1                           | -1.0     | 40.3                            | -55.4            |
| MAR.      | -8.3               | 0.1               | -4.7                           | 4.9      | 31.2                            | -49.4            | 1.4                         | -10.4             | 16.0                           | 1.0      | 37.0                            | -53.7            |
| ABR.      | 7.6                | 12.9              | -0.2                           | 11.5     | 30.0                            | -14.3            | 3.1                         | -4.7              | 11.3                           | 3.5      | 35.2                            | -44.8            |
| MAY.      | 3.0                | 9.5               | -1.5                           | 9.0      | 44.4                            | -30.1            | 3.1                         | -1.8              | 8.5                            | 4.6      | 37.1                            | -41.6            |
| JUN.      | 2.9                | 13.1              | 1.7                            | 6.9      | 24.9                            | -29.5            | 3.1                         | 0.7               | 7.2                            | 5.0      | 34.8                            | -39.5            |
| JUL.      | 4.8                | 9.3               | 11.3                           | 5.0      | 19.7                            | -29.1            | 3.3                         | 1.9               | 7.8                            | 5.0      | 32.3                            | -37.9            |
| AGO.      | 6.2                | 11.4              | 17.9                           | 2.9      | 20.9                            | -31.0            | 3.7                         | 3.1               | 9.1                            | 4.7      | 30.8                            | -37.0            |
| SET.      | 6.0                | 15.5              | 16.0                           | 3.0      | 20.9                            | -30.5            | 4.0                         | 4.5               | 9.8                            | 4.5      | 29.6                            | -36.3            |
| OCT.      | 10.4               | 18.0              | 30.5                           | 1.0      | 17.0                            | -30.6            | 4.6                         | 5.8               | 11.6                           | 4.2      | 28.2                            | -35.7            |
| NOV.      | -0.8               | -24.8             | 13.9                           | -4.8     | 14.6                            | -32.4            | 4.1                         | 2.9               | 11.8                           | 3.3      | 26.8                            | -35.4            |
| DIC.      | -0.4               | -6.9              | 7.6                            | 2.9      | 14.6                            | -32.4            | 3.7                         | 2.1               | 11.5                           | 3.3      | 25.7                            | -35.1            |
| 2003 ENE. | 2.7                | -12.2             | 6.1                            | 2.9      | 10.6                            | -16.7            | 2.7                         | -12.2             | 6.1                            | 2.9      | 10.6                            | -16.7            |
| FEB.      | 6.0                | 56.3              | 5.6                            | -1.0     | 9.0                             | -15.0            | 4.4                         | 10.2              | 5.8                            | 1.0      | 9.8                             | -15.9            |
| MAR.      | -5.3               | -92.3             | -1.6                           | -7.5     | 10.0                            | -8.4             | 1.0                         | -29.3             | 3.3                            | -2.0     | 9.8                             | -13.5            |
| ABR.      | -1.0               | -56.2             | 3.3                            | -5.7     | 8.8                             | -11.0            | 0.4                         | -37.1             | 3.3                            | -2.9     | 9.6                             | -12.6            |
| MAY.      | -7.6               | -89.2             | 2.3                            | -16.7    | -8.5                            | -4.4             | -1.3                        | -49.0             | 3.1                            | -5.8     | 5.6                             | -10.5            |
| JUN.      | -8.7               | -89.6             | -1.3                           | -16.7    | -7.8                            | -4.4             | -2.7                        | -56.6             | 2.3                            | -7.6     | 3.2                             | -9.3             |
| JUL.      | -8.2               | -89.0             | -1.4                           | -13.5    | -3.7                            | -8.7             | -3.5                        | -61.6             | 1.8                            | -8.5     | 2.2                             | -9.2             |
| AGO.      | -5.3               | -85.3             | -0.9                           | -13.5    | -2.9                            | -11.2            | -3.8                        | -64.8             | 1.4                            | -9.1     | 1.6                             | -9.5             |
| SET.      | -12.4              | -95.5             | -0.3                           | -5.9     | 0.5                             | -9.1             | -4.8                        | -68.6             | 1.2                            | -8.7     | 1.4                             | -9.4             |
| OCT.      | -7.2               | -91.6             | 1.6                            | -5.9     | 3.1                             | -5.9             | -5.0                        | -71.1             | 1.3                            | -8.5     | 1.6                             | -9.0             |
| NOV.      | 2.4                | -76.1             | -1.0                           | -4.0     | 4.0                             | -5.7             | -4.4                        | -71.5             | 1.1                            | -8.1     | 1.8                             | -8.7             |
| DIC.      | -3.0               | -86.6             | 2.7                            | -11.5    | 4.6                             | -6.8             | -4.2                        | -72.7             | 1.2                            | -8.4     | 2.1                             | -8.5             |
| 2004 ENE. | -1.0               | -86.6             | 6.5                            | -11.5    | 8.4                             | 7.9              | -1.0                        | -86.6             | 6.5                            | -11.5    | 8.4                             | 7.9              |
| FEB.      | 0.9                | -84.5             | 10.2                           | -13.0    | 5.9                             | 10.4             | 0.0                         | -85.6             | 8.4                            | -12.3    | 7.1                             | 9.1              |
| MAR.      | 15.1               | -56.8             | 13.6                           | -11.2    | 9.3                             | 85.1             | 4.8                         | -84.4             | 10.1                           | -11.9    | 7.8                             | 34.6             |
| ABR.      | 14.6               | -78.1             | 1.0                            | -13.0    | 11.0                            | 105.5            | 7.6                         | -83.1             | 7.8                            | -12.2    | 8.6                             | 60.0             |
| MAY.      | 20.9               | -14.3             | 3.5                            | -3.4     | 15.7                            | 102.6            | 10.4                        | -79.8             | 6.9                            | -10.6    | 10.0                            | 71.6             |
| JUN.      | 22.4               | -7.2              | 5.2                            | -3.4     | 14.4                            | 105.1            | 12.4                        | -76.6             | 6.6                            | -9.5     | 10.7                            | 78.8             |
| JUL.      | 30.9               | 57.9              | 4.7                            | -3.4     | 19.2                            | 112.9            | 15.1                        | -70.7             | 6.4                            | -8.6     | 11.8                            | 84.7             |
| AGO.      | 26.8               | 15.1              | 1.7                            | -3.4     | 20.3                            | 121.4            | 16.7                        | -65.8             | 5.7                            | -8.0     | 12.9                            | 89.9             |
| SET.      | 22.0               | -21.4             | -1.9                           | -12.4    | 15.3                            | 117.6            | 17.3                        | -65.0             | 4.9                            | -8.5     | 13.1                            | 93.5             |
| OCT.      | 11.3               | -58.2             | -12.4                          | -12.4    | 14.3                            | 113.0            | 16.6                        | -64.8             | 3.1                            | -8.9     | 13.3                            | 95.8             |
| NOV.      | 9.4                | -14.5             | -13.4                          | -18.5    | 14.3                            | 106.6            | 15.9                        | -61.9             | 1.6                            | -9.8     | 13.4                            | 96.9             |
| DIC.      | 13.1               | 9.8               | -13.4                          | -14.9    | 15.5                            | 103.8            | 15.7                        | -59.1             | 0.3                            | -10.2    | 13.5                            | 97.5             |
| 2005 ENE. | 6.7                | 9.8               | -20.6                          | -2.3     | 10.6                            | 64.5             | 6.7                         | 9.8               | -20.6                          | -2.3     | 10.6                            | 64.5             |
| FEB.      | 4.3                | -27.5             | -18.6                          | 3.3      | 10.1                            | 62.7             | 5.5                         | -8.9              | -19.6                          | 0.4      | 10.4                            | 63.6             |
| MAR.      | -5.6               | 110.6             | -22.1                          | 3.3      | 17.6                            | -6.9             | 1.5                         | 5.1               | -20.4                          | 1.4      | 12.9                            | 31.0             |
| ABR.      | 1.3                | -17.3             | -10.8                          | 10.0     | 19.3                            | -2.1             | 1.5                         | -0.8              | -18.1                          | 3.5      | 14.5                            | 15.8             |
| MAY.      | 15.5               | 56.9              | -0.4                           | 10.0     | 21.3                            | 0.6              | 4.7                         | 11.0              | -14.7                          | 4.8      | 15.9                            | 10.9             |
| JUN.      | 11.6               | 3.9               | 0.2                            | 10.0     | 21.6                            | 0.0              | 6.0                         | 9.8               | -12.2                          | 5.7      | 16.8                            | 8.2              |
| JUL.      | -6.9               | -77.6             | -0.3                           | 10.0     | 12.4                            | -0.1             | 3.9                         | -10.9             | -10.5                          | 6.3      | 16.2                            | 6.6              |
| AGO.      | -4.8               | -47.7             | -13.1                          | 13.3     | 9.1                             | -4.3             | 2.6                         | -18.0             | -10.8                          | 7.1      | 15.2                            | 4.7              |
| SET.      | 5.0                | 68.3              | 5.4                            | 17.2     | 12.8                            | -5.4             | 2.9                         | -14.6             | -9.1                           | 8.2      | 15.0                            | 3.3              |
| OCT.      | 34.1               | 82.1              | 87.7                           | 17.2     | 14.6                            | -5.9             | 5.9                         | -10.9             | -0.6                           | 9.1      | 14.9                            | 2.1              |
| NOV.      | 8.6                | -50.1             | 14.1                           | 25.9     | 17.4                            | -3.6             | 6.2                         | -16.0             | 0.5                            | 10.5     | 15.2                            | 1.5              |
| DIC.      | 39.3               | -27.6             | 97.3                           | 25.9     | 15.5                            | -5.0             | 9.0                         | -17.2             | 7.5                            | 11.7     | 15.2                            | 0.9              |
| 2006 ENE. | 8.2                | -57.0             | 29.3                           | 9.7      | 16.4                            | 1.2              | 8.2                         | -57.0             | 29.3                           | 9.7      | 16.4                            | 1.2              |
| FEB.      | 22.1               | -34.9             | 64.8                           | 9.7      | 14.4                            | 0.0              | 15.1                        | -48.2             | 47.5                           | 9.7      | 15.4                            | 0.6              |
| MAR.      | 18.0               | -13.4             | 65.2                           | 9.7      | 1.4                             | -16.4            | 16.1                        | -40.1             | 53.4                           | 9.7      | 10.4                            | -4.9             |
| ABR.      | 19.0               | -0.7              | 57.0                           | 6.1      | -5.4                            | -9.2             | 17.0                        | -31.4             | 54.4                           | 8.7      | 6.2                             | -6.6             |
| MAY.      | 8.4                | -50.5             | 39.3                           | 3.0      | 0.2                             | 0.8              | 14.8                        | -36.9             | 50.9                           | 7.5      | 4.9                             | -4.5             |
| JUN.      | 20.3               | 2.5               | 37.6                           | 3.0      | 4.5                             | 0.2              | 15.9                        | -30.3             | 48.4                           | 6.8      | 4.9                             | -3.4             |
| JUL.      | 36.6               | 168.7             | 42.7                           | -1.8     | 11.0                            | 0.4              | 19.0                        | -18.5             | 47.5                           | 5.5      | 5.7                             | -2.7             |
| AGO.      | 23.7               | -1.9              | 64.5                           | -2.3     | 10.7                            | -8.3             | 19.6                        | -16.4             | 49.6                           | 4.5      | 6.3                             | -3.5             |
| SET.      | 25.2               | 36.9              | 36.3                           | 0.0      | 7.9                             | -5.7             | 20.2                        | -12.3             | 47.9                           | 4.0      | 6.5                             | -3.8             |
| OCT.      | 2.2                | 37.7              | -20.0                          | 2.3      | 4.6                             | -5.0             | 18.0                        | -8.4              | 36.7                           | 3.8      | 6.3                             | -4.0             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2007      | NOV. | 13.0               | -18.2             | 35.8                         | 9.3      | 2.1                             | -4.7             | 17.5                        | -9.2              | 36.6                         | 4.3      | 5.9                             | -4.0             |
|           | DIC. | 0.2                | 28.4              | -21.5                        | 9.3      | 2.1                             | -5.0             | 15.7                        | -5.7              | 28.9                         | 4.7      | 5.6                             | -4.1             |
|           | ENE. | 39.1               | 217.1             | 29.5                         | 4.7      | 1.4                             | -17.7            | 39.1                        | 217.1             | 29.5                         | 4.7      | 1.4                             | -17.7            |
|           | FEB. | 13.8               | 115.3             | -6.3                         | 9.2      | 2.7                             | -17.7            | 25.7                        | 166.2             | 9.0                          | 6.9      | 2.0                             | -17.7            |
|           | MAR. | 16.8               | 80.4              | -3.5                         | 9.2      | 5.1                             | 5.0              | 22.7                        | 137.1             | 4.5                          | 7.7      | 3.0                             | -11.1            |
|           | ABR. | 2.4                | -12.9             | -18.6                        | 6.1      | 12.7                            | 27.7             | 16.6                        | 89.5              | -1.7                         | 7.3      | 5.3                             | 3.5              |
|           | MAY. | 5.6                | 44.1              | -17.7                        | 11.7     | 2.6                             | 7.9              | 13.9                        | 79.2              | -5.1                         | 8.2      | 4.8                             | 4.9              |
|           | JUN. | -0.6               | 6.7               | -18.6                        | 9.2      | -2.6                            | 11.1             | 11.0                        | 61.3              | -7.4                         | 8.3      | 3.5                             | 6.3              |
|           | JUL. | -1.4               | 2.3               | -16.4                        | 17.2     | -5.5                            | 9.7              | 8.8                         | 49.7              | -8.8                         | 9.5      | 2.2                             | 7.0              |
| 2008      | AGO. | 8.4                | 33.2              | -15.6                        | 11.8     | -2.7                            | 23.2             | 8.8                         | 47.4              | -9.7                         | 9.8      | 1.6                             | 9.3              |
|           | SET. | 6.4                | 24.2              | -15.8                        | 9.2      | -3.4                            | 20.5             | 8.5                         | 44.6              | -10.4                        | 9.8      | 1.0                             | 10.8             |
|           | OCT. | -4.5               | -25.7             | -21.0                        | 6.7      | -2.0                            | 19.6             | 7.1                         | 36.3              | -11.4                        | 9.4      | 0.7                             | 11.8             |
|           | NOV. | 15.4               | 104.0             | -19.1                        | -0.1     | 0.6                             | 22.1             | 7.9                         | 41.0              | -12.1                        | 8.5      | 0.7                             | 12.9             |
|           | DIC. | 12.3               | 60.5              | -17.7                        | -0.1     | 1.9                             | 29.9             | 8.3                         | 43.4              | -12.5                        | 7.7      | 0.8                             | 14.4             |
|           | ENE. | -1.2               | 4.8               | -21.2                        | 6.8      | 2.7                             | 4.3              | -1.2                        | 4.8               | -21.2                        | 6.8      | 2.7                             | 4.3              |
|           | FEB. | 7.5                | 48.9              | -17.1                        | 4.7      | -2.2                            | 8.4              | 3.0                         | 22.6              | -19.1                        | 5.7      | 0.2                             | 6.4              |
|           | MAR. | 5.3                | 42.6              | -18.8                        | 9.3      | -2.9                            | -0.5             | 3.7                         | 27.8              | -19.0                        | 6.9      | -0.8                            | 4.0              |
|           | ABR. | 6.4                | 23.3              | -6.1                         | 11.6     | -3.8                            | -3.0             | 4.4                         | 27.1              | -16.2                        | 8.1      | -1.6                            | 0.8              |
| 2009      | MAY. | 10.5               | 39.2              | 5.3                          | 6.8      | -0.6                            | 4.0              | 5.8                         | 29.3              | -12.3                        | 7.8      | -1.4                            | 1.8              |
|           | JUN. | 8.9                | 33.4              | 7.7                          | 7.0      | 2.0                             | -1.3             | 6.4                         | 30.0              | -9.2                         | 7.7      | -0.9                            | 1.0              |
|           | JUL. | 8.5                | 41.7              | -8.9                         | 6.8      | 8.1                             | 4.7              | 6.7                         | 31.6              | -9.2                         | 7.6      | 0.4                             | 1.7              |
|           | AGO. | 6.3                | 33.6              | -13.7                        | 5.5      | 31.0                            | 0.1              | 6.6                         | 31.8              | -9.7                         | 7.3      | 4.1                             | 1.5              |
|           | SET. | 4.6                | 13.5              | -9.4                         | 9.3      | 13.5                            | 3.7              | 6.4                         | 29.9              | -9.7                         | 7.5      | 5.1                             | 1.8              |
|           | OCT. | 20.8               | 92.9              | 7.1                          | 15.0     | 15.5                            | 3.2              | 7.8                         | 33.9              | -8.3                         | 8.3      | 6.2                             | 2.0              |
|           | NOV. | 10.2               | 33.4              | 3.2                          | 15.0     | 20.3                            | 0.8              | 8.0                         | 33.9              | -7.3                         | 8.9      | 7.5                             | 1.8              |
|           | DIC. | 3.4                | -25.3             | 13.6                         | 22.5     | 10.0                            | -0.9             | 7.6                         | 25.7              | -5.7                         | 10.0     | 7.7                             | 1.5              |
|           | ENE. | 11.7               | -21.4             | 14.0                         | 12.3     | 23.6                            | 9.2              | 11.7                        | -21.4             | 14.0                         | 12.3     | 23.6                            | 9.2              |
| 2010      | FEB. | 5.1                | -10.1             | -2.8                         | 9.8      | 13.4                            | 12.1             | 8.4                         | -15.8             | 5.5                          | 11.1     | 18.6                            | 10.7             |
|           | MAR. | 10.2               | -24.4             | 10.8                         | 1.7      | 20.1                            | 16.6             | 9.0                         | -18.3             | 7.3                          | 7.8      | 19.1                            | 12.6             |
|           | ABR. | 14.7               | 56.1              | 14.3                         | 16.5     | 18.1                            | -7.6             | 10.5                        | -7.8              | 9.0                          | 10.1     | 18.9                            | 3.5              |
|           | MAY. | 6.4                | 8.2               | 4.6                          | 20.7     | 17.7                            | -15.1            | 9.6                         | -4.6              | 8.0                          | 12.3     | 18.6                            | -2.5             |
|           | JUN. | 2.1                | 7.5               | -10.5                        | 21.6     | 16.9                            | -8.9             | 8.2                         | -2.6              | 4.7                          | 13.8     | 18.3                            | -4.0             |
|           | JUL. | 2.2                | -1.1              | 5.2                          | 17.2     | 5.4                             | -14.0            | 7.2                         | -2.4              | 4.8                          | 14.3     | 16.4                            | -6.1             |
|           | AGO. | 2.8                | 7.4               | 6.3                          | 23.2     | -14.9                           | -8.7             | 6.6                         | -1.1              | 5.0                          | 15.4     | 11.6                            | -6.5             |
|           | SET. | 3.5                | 3.7               | 7.8                          | 20.7     | -0.3                            | -13.5            | 6.3                         | -0.7              | 5.3                          | 16.0     | 10.2                            | -7.5             |
|           | OCT. | -4.0               | -26.0             | 2.1                          | 13.1     | -1.0                            | -14.3            | 5.2                         | -3.0              | 4.9                          | 15.7     | 9.0                             | -8.3             |
| 2011      | NOV. | -6.3               | -18.1             | -5.4                         | 13.1     | -8.3                            | -12.6            | 4.0                         | -4.5              | 4.0                          | 15.4     | 7.2                             | -8.8             |
|           | DIC. | -9.4               | 2.2               | -19.5                        | 4.6      | -2.4                            | -13.9            | 2.8                         | -3.9              | 1.9                          | 14.4     | 6.4                             | -9.3             |
|           | ENE. | -4.1               | 25.6              | -21.2                        | 11.5     | -22.4                           | 21.5             | -4.1                        | 25.6              | -21.2                        | 11.5     | -22.4                           | 21.5             |
|           | FEB. | 0.5                | 6.8               | -7.5                         | 13.3     | -13.4                           | 9.1              | -1.8                        | 15.7              | -14.8                        | 12.4     | -18.1                           | 15.1             |
|           | MAR. | -1.0               | 48.9              | -18.3                        | 18.8     | -17.7                           | 8.1              | -1.6                        | 24.6              | -16.0                        | 14.5     | -18.0                           | 12.8             |
|           | ABR. | -13.4              | 1.1               | -20.8                        | 2.3      | -15.2                           | -10.7            | -4.9                        | 18.9              | -17.3                        | 11.1     | -17.3                           | 3.4              |
|           | MAY. | -14.6              | -8.5              | -23.8                        | -2.0     | -12.5                           | -5.2             | -7.1                        | 12.8              | -18.7                        | 8.2      | -16.4                           | 0.9              |
|           | JUN. | -7.7               | 5.2               | -11.0                        | -4.9     | -12.1                           | -7.1             | -7.2                        | 11.4              | -17.5                        | 5.9      | -15.7                           | -0.9             |
|           | JUL. | -8.1               | 8.7               | -14.5                        | -3.5     | -10.3                           | -4.6             | -7.3                        | 11.0              | -17.1                        | 4.5      | -14.9                           | -1.6             |
| 2011      | AGO. | -9.3               | -4.4              | -12.7                        | -2.9     | -10.4                           | -4.6             | -7.6                        | 8.8               | -16.5                        | 3.5      | -14.4                           | -2.1             |
|           | SET. | -4.7               | 27.5              | -11.7                        | -6.9     | -11.1                           | -0.3             | -7.2                        | 10.6              | -16.0                        | 2.3      | -14.1                           | -1.8             |
|           | OCT. | -5.1               | 25.8              | -8.5                         | -5.5     | -13.8                           | 0.8              | -7.0                        | 11.7              | -15.3                        | 1.5      | -14.0                           | -1.5             |
|           | NOV. | -6.4               | -3.4              | -3.1                         | -4.2     | -13.5                           | -2.2             | -7.0                        | 10.4              | -14.3                        | 1.0      | -14.0                           | -1.6             |
|           | DIC. | 3.3                | 11.1              | 7.3                          | 15.2     | -9.4                            | -0.5             | -6.1                        | 10.4              | -12.7                        | 2.2      | -13.6                           | -1.5             |
|           | ENE. | 0.5                | -25.1             | 5.9                          | 17.0     | 3.2                             | 8.9              | 0.5                         | -25.1             | 5.9                          | 17.0     | 3.2                             | 8.9              |
|           | FEB. | -3.5               | -18.8             | 3.5                          | 12.7     | 7.8                             | -32.1            | -1.5                        | -22.0             | 4.7                          | 14.9     | 5.5                             | -11.2            |
|           | MAR. | 2.7                | -18.3             | 3.9                          | 12.4     | 6.0                             | 8.9              | -0.1                        | -20.8             | 4.4                          | 14.0     | 5.7                             | -4.7             |
|           | ABR. | 2.6                | -17.0             | 6.5                          | 11.6     | 3.1                             | 1.0              | 0.6                         | -20.1             | 4.9                          | 13.4     | 5.0                             | -2.7             |
| 2011      | MAY. | 0.8                | -28.2             | 10.0                         | 21.6     | -3.4                            | 0.4              | 0.6                         | -21.5             | 5.9                          | 15.0     | 3.3                             | -1.9             |
|           | JUN. | 1.7                | -20.8             | 7.9                          | 22.6     | -1.2                            | -0.2             | 0.8                         | -21.4             | 6.3                          | 16.2     | 2.5                             | -1.5             |
|           | JUL. | 6.7                | -15.8             | 20.8                         | 22.6     | 2.9                             | -3.2             | 1.7                         | -20.6             | 8.4                          | 17.1     | 2.6                             | -1.8             |
|           | AGO. | 6.7                | -17.7             | 23.8                         | 16.3     | 5.3                             | -2.8             | 2.4                         | -20.2             | 10.3                         | 17.0     | 2.9                             | -2.0             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| SET.      | 2.8                | -24.4             | 21.4                           | 15.1     | 3.0                             | -5.7             | 2.4                         | -20.7             | 11.6                           | 16.8     | 2.9                             | -2.5             |
| OCT.      | 4.6                | -17.4             | 23.3                           | 10.7     | -2.7                            | -0.9             | 2.6                         | -20.4             | 12.8                           | 16.2     | 2.4                             | -2.3             |
| NOV.      | 3.4                | -31.1             | 30.1                           | 7.4      | -0.9                            | 1.5              | 2.7                         | -21.2             | 14.4                           | 15.4     | 2.1                             | -1.9             |
| DIC.      | -2.3               | -26.5             | 14.3                           | -11.5    | -3.6                            | 1.5              | 2.3                         | -21.7             | 14.4                           | 12.8     | 1.6                             | -1.6             |
| 2012 ENE. | -5.2               | -20.2             | 13.5                           | -18.5    | -2.4                            | -12.1            | -5.2                        | -20.2             | 13.5                           | -18.5    | -2.4                            | -12.1            |
| FEB.      | -3.3               | -39.4             | 19.2                           | -17.1    | -7.1                            | 55.7             | -4.3                        | -29.9             | 16.4                           | -17.8    | -4.8                            | 13.2             |
| MAR.      | -6.5               | -35.1             | 19.0                           | -15.9    | -2.2                            | -1.5             | -5.0                        | -31.6             | 17.2                           | -17.2    | -3.9                            | 7.8              |
| ABR.      | -0.9               | -31.4             | 21.5                           | -7.2     | -0.9                            | 7.1              | -4.0                        | -31.6             | 18.3                           | -14.7    | -3.2                            | 7.5              |
| MAY.      | -2.4               | -27.6             | 19.7                           | -13.2    | 0.0                             | 1.3              | -3.6                        | -30.9             | 18.6                           | -14.4    | -2.6                            | 5.8              |
| JUN.      | 1.0                | -19.5             | 24.5                           | -12.3    | 1.9                             | 7.0              | -2.8                        | -28.9             | 19.6                           | -14.0    | -1.8                            | 6.1              |
| JUL.      | -2.9               | -22.3             | 12.1                           | -10.4    | -1.4                            | 7.5              | -2.8                        | -27.9             | 18.4                           | -13.5    | -1.8                            | 6.4              |
| AGO.      | -5.3               | -26.2             | 7.4                            | -11.3    | -1.5                            | 5.4              | -3.2                        | -27.7             | 16.8                           | -13.2    | -1.7                            | 6.2              |
| SET.      | -4.1               | -22.4             | 4.1                            | -6.2     | 0.3                             | 3.9              | -3.3                        | -27.1             | 15.2                           | -12.5    | -1.5                            | 5.9              |
| OCT.      | -1.4               | -27.5             | 5.0                            | 1.5      | 9.1                             | 3.0              | -3.1                        | -27.2             | 14.0                           | -11.2    | -0.5                            | 5.6              |
| NOV.      | 1.5                | -12.8             | 3.5                            | 3.7      | 9.7                             | 2.6              | -2.7                        | -26.2             | 12.9                           | -10.0    | 0.3                             | 5.2              |
| DIC.      | 2.6                | -14.3             | 12.0                           | 7.5      | 10.5                            | -0.1             | -2.2                        | -25.2             | 12.9                           | -8.7     | 1.1                             | 4.7              |
| 2013 ENE. | 38.2               | -22.2             | 128.2                          | 12.9     | 9.4                             | 8.9              | 38.2                        | -22.2             | 128.2                          | 12.9     | 9.4                             | 8.9              |
| FEB.      | 47.9               | 23.2              | 117.3                          | 14.5     | 12.3                            | -0.7             | 43.0                        | -2.4              | 122.6                          | 13.7     | 10.8                            | 4.0              |
| MAR.      | 44.6               | 11.6              | 119.4                          | 13.0     | 10.7                            | -1.9             | 43.5                        | 2.0               | 121.5                          | 13.4     | 10.8                            | 2.0              |
| ABR.      | 39.7               | 20.8              | 92.4                           | 5.0      | 12.3                            | 2.0              | 42.5                        | 6.0               | 114.0                          | 11.2     | 11.2                            | 2.0              |
| MAY.      | 37.8               | 9.9               | 86.8                           | 5.5      | 15.8                            | 3.2              | 41.5                        | 6.6               | 108.3                          | 10.0     | 12.1                            | 2.3              |
| JUN.      | 32.7               | 1.2               | 77.9                           | 13.7     | 8.6                             | -4.4             | 39.9                        | 5.6               | 102.9                          | 10.6     | 11.5                            | 0.8              |
| JUL.      | 29.2               | -8.0              | 69.4                           | 14.4     | 9.2                             | -4.7             | 38.2                        | 3.3               | 97.8                           | 11.2     | 11.2                            | -0.2             |
| AGO.      | 32.2               | 2.6               | 69.6                           | 18.4     | 8.7                             | -4.0             | 37.4                        | 3.2               | 94.1                           | 12.1     | 10.8                            | -0.7             |
| SET.      | 35.6               | 6.7               | 83.3                           | 12.2     | 11.5                            | -3.0             | 37.2                        | 3.6               | 92.9                           | 12.1     | 10.9                            | -1.0             |
| OCT.      | 31.7               | 9.3               | 73.0                           | 10.4     | 10.1                            | -6.2             | 36.6                        | 4.1               | 90.8                           | 11.9     | 10.8                            | -1.6             |
| NOV.      | 33.7               | 5.5               | 81.4                           | 10.8     | 11.2                            | -5.0             | 36.4                        | 4.2               | 89.9                           | 11.8     | 10.9                            | -2.0             |
| DIC.      | 32.7               | 6.6               | 74.4                           | 10.7     | 9.5                             | -4.4             | 36.0                        | 4.4               | 88.5                           | 11.7     | 10.7                            | -2.2             |
| 2014 ENE. | -1.4               | 22.3              | -18.8                          | 5.2      | 4.5                             | -12.9            | -1.4                        | 22.3              | -18.8                          | 5.2      | 4.5                             | -12.9            |
| FEB.      | -3.8               | -0.7              | -17.0                          | 4.3      | 6.5                             | -13.9            | -2.6                        | 9.6               | -17.9                          | 4.8      | 5.5                             | -13.4            |
| MAR.      | 3.8                | 0.3               | -17.9                          | 0.4      | 7.3                             | 62.2             | -0.5                        | 6.4               | -17.9                          | 3.3      | 6.1                             | 11.2             |
| ABR.      | -1.9               | 1.3               | -5.3                           | -6.6     | 4.4                             | -0.8             | -0.8                        | 5.2               | -15.0                          | 0.7      | 5.7                             | 6.9              |
| MAY.      | 1.6                | 27.9              | -8.0                           | -7.1     | 9.2                             | -3.4             | -0.4                        | 9.3               | -13.7                          | -0.8     | 6.4                             | 4.2              |
| JUN.      | -1.9               | -12.2             | -5.2                           | -11.5    | 11.0                            | 7.8              | -0.6                        | 5.2               | -12.4                          | -2.7     | 7.2                             | 4.9              |
| JUL.      | 0.6                | -2.9              | -2.8                           | -12.8    | 14.8                            | 7.4              | -0.4                        | 4.0               | -11.1                          | -4.3     | 8.2                             | 5.4              |
| AGO.      | -0.9               | -15.7             | -4.1                           | -12.1    | 19.2                            | 7.4              | -0.5                        | 1.4               | -10.3                          | -5.3     | 9.6                             | 5.7              |
| SET.      | -0.5               | -9.0              | -7.4                           | -7.4     | 15.3                            | 6.1              | -0.5                        | 0.2               | -10.0                          | -5.6     | 10.2                            | 5.7              |
| OCT.      | 3.3                | 19.9              | -7.8                           | -10.0    | 17.7                            | 4.4              | -0.1                        | 1.9               | -9.8                           | -6.0     | 11.0                            | 5.6              |
| NOV.      | -1.6               | -2.5              | -12.1                          | -10.7    | 19.5                            | 0.6              | -0.3                        | 1.6               | -10.0                          | -6.5     | 11.8                            | 5.1              |
| DIC.      | -3.6               | -18.8             | -10.1                          | -13.9    | 22.1                            | 1.5              | -0.6                        | -0.4              | -10.0                          | -7.1     | 12.7                            | 4.7              |
| 2015 ENE. | 1.6                | -14.3             | -2.9                           | -6.3     | 21.6                            | 6.3              | 1.6                         | -14.3             | -2.9                           | -6.3     | 21.6                            | 6.3              |
| FEB.      | 1.8                | -12.5             | -5.2                           | -2.8     | 19.3                            | 8.2              | 1.7                         | -13.4             | -4.1                           | -4.6     | 20.4                            | 7.2              |
| MAR.      | -1.2               | -8.2              | 8.4                            | -2.7     | 17.5                            | -38.2            | 0.7                         | -11.7             | 0.1                            | -4.0     | 19.4                            | -14.3            |
| ABR.      | 5.3                | -3.3              | -4.1                           | 4.9      | 20.5                            | 4.6              | 1.9                         | -9.8              | -1.0                           | -1.8     | 19.7                            | -8.1             |
| MAY.      | 5.7                | -6.9              | -1.0                           | 6.7      | 16.1                            | 10.3             | 2.7                         | -9.1              | -1.0                           | -0.2     | 18.9                            | -3.6             |
| JUN.      | 6.6                | -9.3              | 1.0                            | 11.8     | 21.7                            | 2.0              | 3.4                         | -9.2              | -0.6                           | 1.7      | 19.4                            | -2.4             |
| JUL.      | 5.5                | -1.1              | -0.5                           | 3.3      | 19.3                            | 0.1              | 3.7                         | -8.1              | -0.6                           | 1.9      | 19.4                            | -2.0             |
| AGO.      | 9.7                | 26.4              | 2.6                            | 6.7      | 14.0                            | -2.3             | 4.5                         | -4.3              | -0.2                           | 2.5      | 18.7                            | -2.0             |
| SET.      | 4.7                | 2.0               | -6.3                           | 10.3     | 12.1                            | 4.8              | 4.5                         | -3.7              | -0.9                           | 3.4      | 17.9                            | -1.1             |
| OCT.      | 0.7                | -17.2             | -3.4                           | 9.1      | 5.4                             | 7.3              | 4.1                         | -5.0              | -1.2                           | 3.9      | 16.6                            | -0.2             |
| NOV.      | 2.3                | 1.3               | -15.3                          | 9.1      | 7.0                             | 12.9             | 3.9                         | -4.5              | -2.4                           | 4.4      | 15.6                            | 1.1              |
| DIC.      | 1.7                | 21.2              | -19.6                          | 5.1      | 4.3                             | 10.2             | 3.7                         | -2.5              | -3.8                           | 4.5      | 14.6                            | 1.9              |
| 2016 ENE. | -0.6               | 10.8              | -16.4                          | -2.1     | 3.4                             | 16.2             | -0.6                        | 10.8              | -16.4                          | -2.1     | 3.4                             | 16.2             |
| FEB.      | -1.5               | 7.4               | -17.5                          | -1.0     | 1.0                             | 20.5             | -1.1                        | 9.1               | -16.9                          | -1.6     | 2.2                             | 18.3             |
| MAR.      | -5.9               | 7.4               | -29.4                          | 1.8      | -0.3                            | 16.9             | -2.7                        | 8.5               | -21.4                          | -0.5     | 1.4                             | 17.8             |
| ABR.      | -5.3               | 7.1               | -23.5                          | -0.4     | -0.8                            | 3.4              | -3.4                        | 8.2               | -22.0                          | -0.4     | 0.8                             | 12.4             |
| MAY.      | -5.8               | -0.8              | -19.7                          | 0.6      | -2.5                            | 0.3              | -3.9                        | 6.3               | -21.5                          | -0.2     | 0.2                             | 9.0              |
| JUN.      | -7.0               | 13.7              | -20.6                          | -5.3     | -6.4                            | -4.7             | -4.5                        | 7.4               | -21.4                          | -1.1     | -1.0                            | 6.0              |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE  
10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| JUL.      | -6.4               | 4.4               | -21.1                        | 2.3      | -4.6                           | -2.4             | -4.8                        | 7.0               | -21.3                        | -0.6     | -1.5                           | 4.5              |
| AGO.      | -9.7               | -9.8              | -26.8                        | 1.1      | -2.5                           | 1.0              | -5.4                        | 4.6               | -22.0                        | -0.4     | -1.7                           | 4.0              |
| SET.      | -6.0               | 4.9               | -20.5                        | -5.4     | 1.3                            | -2.0             | -5.5                        | 4.6               | -21.8                        | -1.0     | -1.3                           | 3.2              |
| OCT.      | -3.9               | -1.7              | -21.5                        | -4.0     | 12.2                           | 0.4              | -5.3                        | 4.1               | -21.8                        | -1.3     | 0.0                            | 2.8              |
| NOV.      | -3.1               | 0.7               | -8.9                         | -2.8     | 6.5                            | -9.4             | -5.1                        | 3.8               | -20.8                        | -1.5     | 0.6                            | 1.5              |
| DIC.      | -0.9               | -15.1             | 0.1                          | 3.1      | 10.1                           | -6.6             | -4.8                        | 1.9               | -19.4                        | -1.1     | 1.4                            | 0.7              |
| 2017 ENE. | 3.2                | -2.4              | -1.9                         | 5.8      | 15.6                           | -6.2             | 3.2                         | -2.4              | -1.9                         | 5.8      | 15.6                           | -6.2             |
| FEB.      | 2.4                | -5.0              | -1.8                         | -0.5     | 19.6                           | -7.8             | 2.8                         | -3.7              | -1.9                         | 2.6      | 17.6                           | -7.0             |
| MAR.      | 1.9                | -11.4             | 0.9                          | -1.1     | 21.6                           | -11.5            | 2.5                         | -6.2              | -0.9                         | 1.3      | 18.9                           | -8.5             |
| ABR.      | -5.5               | -11.9             | -0.2                         | -2.2     | 19.8                           | -42.3            | 0.4                         | -7.6              | -0.8                         | 0.4      | 19.1                           | -20.2            |
| MAY.      | 3.6                | -2.3              | -3.1                         | -1.9     | 26.2                           | -4.7             | 1.1                         | -6.6              | -1.3                         | 0.0      | 20.5                           | -16.3            |
| JUN.      | 3.9                | -3.1              | -3.8                         | -0.5     | 26.6                           | -3.1             | 1.6                         | -6.0              | -1.7                         | -0.1     | 21.5                           | -13.6            |
| JUL.      | 0.3                | -6.9              | -9.2                         | -4.4     | 22.2                           | -2.1             | 1.4                         | -6.1              | -2.8                         | -0.7     | 21.6                           | -11.7            |
| AGO.      | 3.0                | -4.3              | -2.3                         | -5.1     | 22.7                           | 0.0              | 1.6                         | -5.9              | -2.7                         | -1.3     | 21.8                           | -10.0            |
| SET.      | 3.7                | -5.8              | -1.3                         | -1.8     | 22.6                           | -0.3             | 1.8                         | -5.9              | -2.6                         | -1.4     | 21.9                           | -8.8             |
| OCT.      | 1.8                | -4.7              | -2.0                         | -3.4     | 15.5                           | -1.6             | 1.8                         | -5.8              | -2.5                         | -1.6     | 21.2                           | -7.9             |
| NOV.      | 3.7                | 15.6              | -6.7                         | -6.5     | 15.0                           | 6.2              | 2.0                         | -4.1              | -2.9                         | -2.0     | 20.6                           | -6.6             |
| DIC.      | 1.4                | 1.2               | -10.1                        | -3.4     | 15.6                           | 5.5              | 2.0                         | -3.7              | -3.5                         | -2.1     | 20.1                           | -5.5             |
| 2018 ENE. | -2.3               | -4.4              | -15.7                        | -3.5     | 11.7                           | 4.0              | -2.3                        | -4.4              | -15.7                        | -3.5     | 11.7                           | 4.0              |
| FEB.      | -3.4               | 1.2               | -18.0                        | -0.9     | 5.4                            | 1.6              | -2.9                        | -1.7              | -16.8                        | -2.2     | 8.5                            | 2.8              |
| MAR.      | -1.0               | 12.3              | -16.4                        | -0.9     | 5.7                            | 4.1              | -2.3                        | 2.7               | -16.7                        | -1.7     | 7.6                            | 3.2              |
| ABR.      | 7.7                | 10.4              | -14.2                        | 0.5      | 6.3                            | 78.5             | 0.2                         | 4.5               | -16.1                        | -1.2     | 7.2                            | 22.1             |
| MAY.      | -2.7               | 1.9               | -15.8                        | -1.6     | 1.7                            | 7.7              | -0.4                        | 4.0               | -16.0                        | -1.3     | 6.1                            | 17.9             |
| JUN.      | -3.6               | 1.5               | -20.2                        | -1.3     | 3.9                            | 7.0              | -1.0                        | 3.5               | -16.7                        | -1.3     | 5.7                            | 15.4             |
| JUL.      | 0.0                | 7.7               | -14.2                        | 1.7      | 5.6                            | 6.6              | -0.8                        | 4.1               | -16.4                        | -0.8     | 5.7                            | 13.8             |
| AGO.      | -0.3               | 8.7               | -15.3                        | 0.7      | 5.7                            | 6.4              | -0.8                        | 4.7               | -16.2                        | -0.7     | 5.7                            | 12.6             |
| SET.      | -5.4               | -10.0             | -19.9                        | -0.4     | 3.5                            | 4.6              | -1.3                        | 3.1               | -16.6                        | -0.6     | 5.5                            | 11.5             |
| OCT.      | -1.5               | 9.7               | -15.0                        | 2.5      | 2.5                            | 2.6              | -1.3                        | 3.6               | -16.5                        | -0.3     | 5.1                            | 10.4             |
| NOV.      | 1.0                | -1.2              | -13.9                        | 5.3      | 14.9                           | 3.4              | -1.1                        | 3.2               | -16.3                        | 0.2      | 6.1                            | 9.6              |
| DIC.      | 1.6                | 1.6               | -10.8                        | 3.1      | 14.2                           | 1.4              | -0.9                        | 3.0               | -15.8                        | 0.4      | 6.8                            | 8.8              |
| 2019 ENE. | 0.9                | 1.6               | -14.8                        | 7.2      | 13.3                           | -6.0             | 0.9                         | 1.6               | -14.8                        | 7.2      | 13.3                           | -6.0             |
| FEB.      | 0.9                | 1.6               | -9.5                         | -6.0     | 16.8                           | -3.4             | 0.9                         | 1.6               | -12.2                        | 0.6      | 15.0                           | -4.8             |
| MAR.      | 0.3                | 5.7               | -11.1                        | -10.7    | 15.1                           | 0.3              | 0.7                         | 3.0               | -11.9                        | -3.2     | 15.1                           | -3.1             |
| ABR.      | 0.0                | 8.5               | -11.9                        | -10.0    | 15.4                           | -9.5             | 0.5                         | 4.3               | -11.9                        | -4.9     | 15.1                           | -5.4             |
| MAY.      | -0.6               | 5.7               | -10.4                        | -17.3    | 19.0                           | -9.0             | 0.3                         | 4.6               | -11.6                        | -7.4     | 15.9                           | -6.4             |
| JUN.      | 0.7                | 9.9               | -5.8                         | -16.4    | 16.2                           | -9.3             | 0.3                         | 5.5               | -10.7                        | -8.9     | 16.0                           | -7.0             |
| JUL.      | 0.0                | 0.4               | -3.7                         | -15.2    | 17.7                           | -10.6            | 0.3                         | 4.8               | -9.7                         | -9.8     | 16.2                           | -7.6             |
| AGO.      | 1.9                | 4.5               | -4.9                         | -12.8    | 14.6                           | -2.3             | 0.5                         | 4.7               | -9.1                         | -10.2    | 16.0                           | -6.8             |
| SET.      | 3.5                | 22.3              | -7.5                         | -12.5    | 13.4                           | -2.3             | 0.8                         | 6.4               | -9.0                         | -10.5    | 15.7                           | -6.2             |
| OCT.      | -2.4               | -17.6             | -13.2                        | -10.4    | 12.1                           | -1.5             | 0.5                         | 4.3               | -9.4                         | -10.5    | 15.4                           | -5.7             |
| NOV. P/   | -1.5               | -8.4              | -11.3                        | -3.9     | 3.2                            | -2.2             | 0.3                         | 3.2               | -9.6                         | -9.9     | 14.1                           | -5.3             |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2002.

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 PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2002 ENE. | -10.2              | -6.0              | -11.4                          | -        | 9.5                             | 18.0             | -10.2                       | -6.0              | -11.4                          | -        | 9.5                             | 18.0             |
| FEB.      | -8.8               | -16.4             | -9.7                           | -        | 8.0                             | 13.6             | -9.4                        | -10.9             | -10.6                          | -        | 8.7                             | 15.6             |
| MAR.      | 19.7               | 9.7               | 20.7                           | -        | 12.4                            | 0.6              | 0.5                         | -6.9              | 0.1                            | -        | 9.9                             | 9.9              |
| ABR.      | 15.6               | 7.4               | 16.7                           | -        | -7.9                            | 6.6              | 4.5                         | -3.3              | 4.5                            | -        | 5.4                             | 9.0              |
| MAY.      | 23.7               | -1.7              | 25.6                           | -        | -12.9                           | 8.3              | 8.5                         | -2.9              | 8.9                            | -        | 1.7                             | 8.9              |
| JUN.      | 18.7               | -3.3              | 20.0                           | -        | -12.9                           | 14.3             | 10.2                        | -3.0              | 10.8                           | -        | -0.7                            | 9.8              |
| JUL.      | 15.9               | 0.0               | 17.0                           | -        | -9.9                            | 13.5             | 11.1                        | -2.6              | 11.7                           | -        | -2.1                            | 10.4             |
| AGO.      | 16.8               | 16.7              | 17.8                           | -        | -9.7                            | 11.6             | 11.9                        | 0.0               | 12.5                           | -        | -3.0                            | 10.5             |
| SET.      | 2.6                | 13.8              | 2.8                            | -        | -10.5                           | 7.9              | 10.7                        | 0.8               | 11.3                           | -        | -3.9                            | 10.2             |
| OCT.      | 28.9               | 13.8              | 31.3                           | -        | -9.7                            | 10.2             | 12.1                        | 1.6               | 12.9                           | -        | -4.5                            | 10.2             |
| NOV.      | -13.1              | 6.7               | -14.0                          | -        | -9.7                            | 11.1             | 9.5                         | 2.1               | 10.1                           | -        | -4.9                            | 10.3             |
| DIC.      | -8.7               | 6.7               | -9.3                           | -        | -10.5                           | 10.0             | 7.9                         | 2.5               | 8.3                            | -        | -5.4                            | 10.3             |
| 2003 ENE. | 6.7                | -3.4              | 7.3                            | -        | -16.5                           | 17.7             | 6.7                         | -3.4              | 7.3                            | -        | -16.5                           | 17.7             |
| FEB.      | -25.5              | -65.6             | -26.6                          | -        | -15.3                           | 4.6              | -9.9                        | -31.3             | -10.2                          | -        | -15.9                           | 10.7             |
| MAR.      | -39.7              | -                 | -41.7                          | -        | -16.6                           | 12.1             | -22.1                       | -20.6             | -23.2                          | -        | -16.1                           | 11.2             |
| ABR.      | -49.3              | -                 | -51.8                          | -        | 2.1                             | 7.7              | -29.9                       | -23.9             | -31.6                          | -        | -12.1                           | 10.2             |
| MAY.      | -42.0              | -                 | -44.4                          | -        | 8.0                             | 12.5             | -32.8                       | -25.8             | -34.7                          | -        | -8.7                            | 10.7             |
| JUN.      | -41.6              | -                 | -43.9                          | -        | 7.1                             | 4.5              | -34.4                       | -27.0             | -36.4                          | -        | -6.3                            | 9.6              |
| JUL.      | -40.6              | -                 | -42.9                          | -        | -2.6                            | 13.5             | -35.4                       | -28.2             | -37.4                          | -        | -5.8                            | 10.2             |
| AGO.      | -44.2              | -                 | -46.6                          | -        | -2.1                            | 16.2             | -36.6                       | -30.6             | -38.7                          | -        | -5.4                            | 11.0             |
| SET.      | -42.6              | -                 | -45.2                          | -        | 0.1                             | 15.2             | -37.3                       | -27.3             | -39.4                          | -        | -4.8                            | 11.5             |
| OCT.      | -38.2              | -                 | -40.8                          | -        | -0.7                            | 15.5             | -37.4                       | -24.3             | -39.6                          | -        | -4.4                            | 11.9             |
| NOV.      | -30.4              | -                 | -32.5                          | -        | -0.7                            | 14.3             | -36.8                       | -25.5             | -39.0                          | -        | -4.1                            | 12.1             |
| DIC.      | -31.3              | -                 | -33.5                          | -        | 0.1                             | 15.2             | -36.4                       | -26.5             | -38.6                          | -        | -3.8                            | 12.4             |
| 2004 ENE. | -11.2              | -                 | -12.9                          | -        | 0.1                             | 28.1             | -11.2                       | -                 | -12.9                          | -        | 0.1                             | 28.1             |
| FEB.      | 20.9               | -                 | 20.8                           | -        | -2.6                            | 25.1             | 2.5                         | -                 | 1.4                            | -        | -1.2                            | 26.6             |
| MAR.      | 11.2               | -                 | 10.9                           | -        | -5.0                            | 16.4             | 5.2                         | -                 | 4.4                            | -        | -2.5                            | 23.0             |
| ABR.      | 34.4               | -                 | 36.6                           | -        | -4.0                            | 13.0             | 11.4                        | -                 | 11.0                           | -        | -2.9                            | 20.4             |
| MAY.      | -1.2               | -                 | -2.1                           | -        | -5.3                            | 13.2             | 8.8                         | -                 | 8.3                            | -        | -3.4                            | 18.9             |
| JUN.      | 15.4               | -                 | 16.0                           | -        | -3.2                            | 12.0             | 9.9                         | -                 | 9.6                            | -        | -3.3                            | 17.8             |
| JUL.      | 7.4                | -                 | 6.9                            | -        | 1.4                             | 8.6              | 9.5                         | -                 | 9.2                            | -        | -2.7                            | 16.3             |
| AGO.      | 17.6               | -                 | 17.8                           | -        | 0.0                             | 9.1              | 10.5                        | -                 | 10.2                           | -        | -2.4                            | 15.3             |
| SET.      | -14.2              | -                 | -17.7                          | -        | 17.3                            | 9.1              | 7.9                         | -                 | 7.3                            | -        | -0.2                            | 14.5             |
| OCT.      | -6.2               | -                 | -8.7                           | -        | 17.3                            | 1.5              | 6.6                         | -                 | 5.9                            | -        | 1.5                             | 13.1             |
| NOV.      | 5.2                | -                 | 4.4                            | -        | 18.7                            | 1.7              | 6.5                         | -                 | 5.8                            | -        | 3.1                             | 12.0             |
| DIC.      | 3.7                | -                 | 2.7                            | -        | 18.7                            | 1.5              | 6.3                         | -                 | 5.5                            | -        | 4.4                             | 11.0             |
| 2005 ENE. | -13.0              | -                 | -15.2                          | -        | 18.7                            | 3.0              | -13.0                       | -                 | -15.2                          | -        | 18.7                            | 3.0              |
| FEB.      | -17.1              | -                 | -20.6                          | -        | 58.8                            | 2.5              | -15.1                       | -                 | -17.9                          | -        | 38.4                            | 2.8              |
| MAR.      | -7.6               | -                 | -10.1                          | -        | 58.8                            | 2.9              | -12.6                       | -                 | -15.3                          | -        | 45.2                            | 2.8              |
| ABR.      | -10.9              | -                 | -14.0                          | -        | 53.7                            | 10.2             | -12.2                       | -                 | -15.0                          | -        | 47.3                            | 4.6              |
| MAY.      | 2.0                | -                 | 0.0                            | -        | 53.1                            | 10.2             | -9.5                        | -                 | -12.2                          | -        | 48.5                            | 5.7              |
| JUN.      | -16.0              | -                 | -19.4                          | -        | 47.7                            | 10.1             | -10.6                       | -                 | -13.5                          | -        | 48.3                            | 6.4              |
| JUL.      | -11.4              | -                 | -13.8                          | -        | 58.3                            | -2.2             | -10.7                       | -                 | -13.5                          | -        | 49.8                            | 5.1              |
| AGO.      | -18.6              | -                 | -21.8                          | -        | 59.0                            | -2.5             | -11.8                       | -                 | -14.6                          | -        | 50.9                            | 4.1              |
| SET.      | 16.3               | -                 | 17.1                           | -        | 34.8                            | -0.3             | -9.4                        | -                 | -12.0                          | -        | 48.8                            | 3.6              |
| OCT.      | 20.1               | -                 | 20.7                           | -        | 34.8                            | 5.6              | -7.1                        | -                 | -9.5                           | -        | 47.2                            | 3.8              |
| NOV.      | 2.4                | -                 | 1.2                            | -        | 37.2                            | 3.1              | -6.2                        | -                 | -8.6                           | -        | 46.2                            | 3.8              |
| DIC.      | -1.5               | -                 | -3.4                           | -        | 38.8                            | 4.3              | -5.8                        | -                 | -8.2                           | -        | 45.5                            | 3.8              |
| 2006 ENE. | 6.7                | -                 | 5.8                            | -        | 39.4                            | 3.2              | 6.7                         | -                 | 5.8                            | -        | 39.4                            | 3.2              |
| FEB.      | 12.9               | -                 | 14.1                           | -        | 5.4                             | 5.1              | 9.7                         | -                 | 9.8                            | -        | 20.1                            | 4.2              |
| MAR.      | 7.1                | -                 | 7.5                            | -        | 2.8                             | 5.4              | 8.8                         | -                 | 9.0                            | -        | 13.9                            | 4.6              |
| ABR.      | 11.3               | -                 | 11.8                           | -        | 10.2                            | 7.0              | 9.5                         | -                 | 9.7                            | -        | 12.9                            | 5.2              |
| MAY.      | 2.4                | -                 | 1.6                            | -        | 12.5                            | 6.0              | 8.0                         | -                 | 8.0                            | -        | 12.8                            | 5.4              |
| JUN.      | 8.9                | -                 | 9.3                            | -        | 13.7                            | 0.5              | 8.1                         | -                 | 8.2                            | -        | 13.0                            | 4.5              |
| JUL.      | 8.1                | -                 | 8.1                            | -        | 10.1                            | 4.1              | 8.1                         | -                 | 8.2                            | -        | 12.5                            | 4.5              |
| AGO.      | 18.9               | -                 | 20.2                           | -        | 10.9                            | 6.5              | 9.4                         | -                 | 9.6                            | -        | 12.3                            | 4.7              |
| SET.      | 15.0               | -                 | 17.2                           | -        | 8.7                             | -14.9            | 10.0                        | -                 | 10.4                           | -        | 11.9                            | 2.5              |
| OCT.      | 11.5               | -                 | 13.0                           | -        | 6.8                             | -15.3            | 10.2                        | -                 | 10.7                           | -        | 11.4                            | 0.7              |
| NOV.      | 2.9                | -                 | 3.3                            | -        | 5.7                             | -15.5            | 9.5                         | -                 | 10.0                           | -        | 10.8                            | -0.7             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2007      | DIC. | 2.8                | -                 | 3.7                            | -        | 6.2                             | -16.6            | 8.9                         | -                 | 9.4                            | -        | 10.4                            | -2.1             |
|           | ENE. | 1.3                | -                 | 2.2                            | -        | 7.0                             | -22.1            | 1.3                         | -                 | 2.2                            | -        | 7.0                             | -22.1            |
|           | FEB. | -11.8              | -                 | -12.2                          | -        | 13.7                            | -24.0            | -5.4                        | -                 | -5.1                           | -        | 10.3                            | -23.1            |
|           | MAR. | -9.5               | -                 | -10.3                          | -        | 17.2                            | -19.9            | -6.8                        | -                 | -6.9                           | -        | 12.6                            | -22.0            |
|           | ABR. | -3.6               | -                 | -3.3                           | -        | 8.7                             | -23.4            | -6.0                        | -                 | -6.0                           | -        | 11.6                            | -22.4            |
|           | MAY. | 3.5                | -                 | 4.9                            | -        | 10.7                            | -24.5            | -4.1                        | -                 | -3.8                           | -        | 11.4                            | -22.8            |
|           | JUN. | 12.7               | -                 | 14.6                           | -        | 12.0                            | -20.4            | -1.3                        | -                 | -0.8                           | -        | 11.5                            | -22.4            |
|           | JUL. | 9.6                | -                 | 11.3                           | -        | 8.2                             | -20.0            | 0.2                         | -                 | 0.9                            | -        | 11.0                            | -22.1            |
|           | AGO. | 9.1                | -                 | 10.7                           | -        | 9.8                             | -20.5            | 1.3                         | -                 | 2.2                            | -        | 10.8                            | -21.9            |
|           | SET. | 11.2               | -                 | 12.0                           | -        | 12.3                            | -4.1             | 2.5                         | -                 | 3.3                            | -        | 11.0                            | -20.2            |
|           | OCT. | -1.9               | -                 | -2.1                           | -        | 16.1                            | -6.3             | 2.0                         | -                 | 2.7                            | -        | 11.5                            | -19.1            |
| 2008      | NOV. | -0.7               | -                 | -0.9                           | -        | 15.2                            | -5.1             | 1.8                         | -                 | 2.4                            | -        | 11.9                            | -18.0            |
|           | DIC. | 18.0               | -18.6             | 19.5                           | -        | 13.2                            | -4.6             | 3.1                         | -3.2              | 3.8                            | -        | 12.0                            | -17.0            |
|           | ENE. | 15.4               | -25.4             | 16.3                           | -        | 17.0                            | 2.4              | 15.4                        | -25.4             | 16.3                           | -        | 17.0                            | 2.4              |
|           | FEB. | 43.6               | -25.4             | 47.0                           | -        | 15.2                            | 8.2              | 28.7                        | -25.4             | 30.7                           | -        | 16.1                            | 5.3              |
|           | MAR. | 26.4               | -23.3             | 28.2                           | -        | 15.7                            | 2.8              | 27.9                        | -24.7             | 29.9                           | -        | 16.0                            | 4.4              |
|           | ABR. | 14.5               | -21.6             | 15.3                           | -        | 12.6                            | 2.3              | 24.3                        | -23.9             | 26.0                           | -        | 15.1                            | 3.9              |
|           | MAY. | 29.3               | -20.8             | 31.5                           | -        | 9.6                             | 3.7              | 25.4                        | -23.3             | 27.1                           | -        | 14.0                            | 3.9              |
|           | JUN. | 19.1               | -18.0             | 20.2                           | -        | 9.6                             | 5.6              | 24.2                        | -22.4             | 25.8                           | -        | 13.2                            | 4.2              |
|           | JUL. | 22.5               | -18.8             | 24.5                           | -        | 11.9                            | -12.9            | 24.0                        | -21.9             | 25.6                           | -        | 13.1                            | 1.8              |
|           | AGO. | 16.7               | -                 | 18.4                           | -        | 9.8                             | -14.9            | 22.9                        | -21.7             | 24.6                           | -        | 12.6                            | -0.4             |
|           | SET. | 14.5               | -                 | 16.1                           | -        | 1.5                             | -13.7            | 21.9                        | -21.3             | 23.6                           | -        | 11.4                            | -1.8             |
| 2009      | OCT. | 25.9               | -                 | 28.7                           | -        | -0.5                            | -12.1            | 22.3                        | -20.9             | 24.1                           | -        | 10.1                            | -2.8             |
|           | NOV. | 26.6               | -                 | 29.3                           | -        | -1.1                            | -9.7             | 22.7                        | -20.3             | 24.5                           | -        | 9.0                             | -3.4             |
|           | DIC. | 1.6                | -                 | 2.2                            | -        | 0.1                             | -10.0            | 20.8                        | -19.1             | 22.5                           | -        | 8.3                             | -4.0             |
|           | ENE. | -0.4               | -                 | 0.2                            | -        | -3.0                            | -12.7            | -0.4                        | -                 | 0.2                            | -        | -3.0                            | -12.7            |
|           | FEB. | -6.7               | -                 | -6.5                           | -        | -4.3                            | -11.6            | -3.7                        | -                 | -3.4                           | -        | -3.7                            | -12.2            |
|           | MAR. | -0.6               | -                 | 0.4                            | -        | -16.2                           | -9.9             | -2.7                        | -                 | -2.1                           | -        | -7.9                            | -11.4            |
|           | ABR. | 8.4                | -                 | 9.9                            | -        | -12.1                           | -9.5             | 0.1                         | -                 | 0.9                            | -        | -8.9                            | -10.9            |
|           | MAY. | -11.0              | -                 | -10.9                          | -        | -15.3                           | -7.2             | -2.4                        | -                 | -1.8                           | -        | -10.2                           | -10.2            |
|           | JUN. | -11.0              | -                 | -10.9                          | -        | -13.7                           | -8.0             | -3.9                        | -                 | -3.4                           | -        | -10.8                           | -9.8             |
|           | JUL. | -3.0               | -                 | -2.9                           | -        | -13.8                           | 7.7              | -3.8                        | -                 | -3.3                           | -        | -11.2                           | -7.7             |
|           | AGO. | 0.4                | -                 | 0.6                            | -        | -11.7                           | 9.3              | -3.2                        | -                 | -2.8                           | -        | -11.3                           | -5.8             |
| 2010      | SET. | -6.4               | -                 | -7.1                           | -        | 1.3                             | 10.4             | -3.6                        | -                 | -3.3                           | -        | -10.0                           | -4.3             |
|           | OCT. | -10.0              | -                 | -11.1                          | -        | 8.8                             | 9.9              | -4.3                        | 243.9             | -4.1                           | -        | -8.2                            | -3.0             |
|           | NOV. | 1.1                | -                 | 0.7                            | -        | 18.4                            | 12.4             | -3.8                        | 243.9             | -3.7                           | -        | -5.9                            | -1.7             |
|           | DIC. | 11.6               | -                 | 11.6                           | -        | 19.7                            | 8.5              | -2.6                        | 252.4             | -2.5                           | -        | -3.8                            | -0.9             |
|           | ENE. | 7.6                | -                 | 6.9                            | -        | 3.2                             | 15.7             | 7.6                         | -                 | 6.9                            | -        | 3.2                             | 15.7             |
|           | FEB. | 4.7                | -                 | 4.0                            | -        | 6.8                             | 4.5              | 6.1                         | -                 | 5.4                            | -        | 5.0                             | 9.9              |
|           | MAR. | 16.4               | -                 | 16.1                           | -        | 35.3                            | 4.5              | 9.6                         | -                 | 9.0                            | -        | 14.3                            | 8.0              |
|           | ABR. | 8.2                | -                 | 6.7                            | -        | 33.5                            | 3.5              | 9.2                         | -                 | 8.4                            | -        | 18.9                            | 6.9              |
|           | MAY. | 19.2               | -                 | 18.2                           | -        | 38.8                            | 1.9              | 11.2                        | -                 | 10.4                           | -        | 22.6                            | 5.9              |
|           | JUN. | 34.0               | -                 | 35.0                           | -        | 36.9                            | -0.5             | 15.0                        | -                 | 14.5                           | -        | 24.8                            | 4.8              |
|           | JUL. | 15.4               | -                 | 14.5                           | -        | 35.0                            | 1.5              | 15.1                        | -                 | 14.5                           | -        | 26.2                            | 4.3              |
| 2011      | AGO. | 5.0                | -                 | 3.2                            | -        | 30.2                            | 2.0              | 13.7                        | -                 | 12.9                           | -        | 26.7                            | 4.0              |
|           | SET. | 13.3               | -                 | 11.9                           | -        | 26.3                            | -2.5             | 13.7                        | -                 | 12.8                           | -        | 26.7                            | 3.3              |
|           | OCT. | 1.4                | 32.6              | -1.6                           | -        | 17.0                            | -4.0             | 12.5                        | 27.9              | 11.4                           | -        | 25.6                            | 2.6              |
|           | NOV. | -18.8              | 32.6              | -23.8                          | -        | 11.0                            | -8.6             | 9.5                         | 28.4              | 8.1                            | -        | 24.0                            | 1.5              |
|           | DIC. | -4.6               | 23.4              | -8.2                           | 62.8     | 22.3                            | -5.9             | 8.2                         | 25.6              | 6.6                            | 45.3     | 23.8                            | 0.9              |
|           | ENE. | -5.2               | -86.3             | -9.1                           | 60.2     | 33.9                            | -18.2            | -5.2                        | -86.3             | -9.1                           | 60.2     | 33.9                            | -18.2            |
|           | FEB. | 4.1                | -86.5             | 1.0                            | 100.0    | 23.6                            | -15.0            | -0.5                        | -86.4             | -4.0                           | 80.0     | 28.6                            | -16.6            |
|           | MAR. | -0.2               | -83.9             | -4.0                           | 118.6    | 13.7                            | -11.9            | -0.4                        | -85.6             | -4.0                           | 93.8     | 23.2                            | -15.1            |
|           | ABR. | 5.3                | -85.8             | 2.8                            | 100.0    | 11.2                            | -13.0            | 1.1                         | -85.6             | -2.2                           | 95.5     | 20.0                            | -14.5            |
|           | MAY. | -5.5               | -85.8             | -8.9                           | 63.7     | 12.3                            | -13.8            | -0.3                        | -85.7             | -3.7                           | 87.2     | 18.4                            | -14.4            |
|           | JUN. | -8.0               | -85.3             | -11.8                          | 63.2     | 10.5                            | -12.1            | -1.8                        | -85.6             | -5.3                           | 82.0     | 17.0                            | -14.0            |
| JUL.      | -2.4 | -85.3              | -5.8              | 52.9                           | 12.8     | -5.0                            | -1.9             | -85.6                       | -5.3              | 76.5                           | 16.4     | -12.8                           |                  |
| AGO.      | 0.5  | -85.3              | -2.9              | 77.6                           | 12.8     | -7.4                            | -1.6             | -85.5                       | -5.0              | 76.6                           | 15.9     | -12.1                           |                  |
| SET.      | 4.0  | -85.3              | 1.1               | 76.2                           | 10.0     | -3.6                            | -1.0             | -85.5                       | -4.3              | 76.6                           | 15.2     | -11.2                           |                  |
| OCT.      | 15.3 | -85.3              | 13.7              | 103.3                          | 13.9     | -2.1                            | 0.4              | -85.5                       | -2.8              | 79.2                           | 15.1     | -10.4                           |                  |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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/ |
| 2012      | NOV. | 16.1               | -78.8             | 15.6                           | 75.6     | 11.1                            | 1.0              | 1.5                         | -84.9             | -1.6                           | 78.9     | 14.7                            | -9.4             |
|           | DIC. | 3.5                | -77.4             | 1.3                            | 45.7     | 2.9                             | 4.7              | 1.7                         | -84.2             | -1.4                           | 75.8     | 13.5                            | -8.3             |
|           | ENE. | 7.2                | 88.7              | 5.6                            | 44.7     | 7.3                             | 12.6             | 7.2                         | 88.7              | 5.6                            | 44.7     | 7.3                             | 12.6             |
|           | FEB. | -5.8               | -5.7              | -8.1                           | 26.4     | 10.7                            | 11.9             | 0.3                         | 41.5              | -1.7                           | 34.6     | 9.0                             | 12.3             |
|           | MAR. | -16.2              | -20.6             | -19.2                          | 24.1     | 7.3                             | 1.6              | -5.6                        | 18.3              | -8.0                           | 30.4     | 8.4                             | 8.6              |
|           | ABR. | -19.7              | -20.6             | -22.9                          | 5.9      | 14.0                            | 5.0              | -9.5                        | 7.8               | -12.1                          | 23.2     | 9.8                             | 7.7              |
|           | MAY. | -12.7              | -20.6             | -15.5                          | 13.1     | 13.9                            | 3.9              | -10.2                       | 1.7               | -12.8                          | 20.9     | 10.6                            | 6.9              |
|           | JUN. | -15.0              | -23.1             | -18.0                          | 31.1     | 9.5                             | 2.2              | -11.0                       | -2.8              | -13.8                          | 22.9     | 10.4                            | 6.1              |
|           | JUL. | -18.7              | -23.1             | -21.8                          | 35.5     | 3.7                             | -2.6             | -12.2                       | -5.9              | -15.0                          | 24.9     | 9.4                             | 4.8              |
| 2013      | AGO. | -14.7              | -23.1             | -17.3                          | 11.5     | 9.0                             | 0.5              | -12.5                       | -8.2              | -15.3                          | 22.9     | 9.4                             | 4.3              |
|           | SET. | -15.8              | -23.1             | -18.7                          | 10.0     | 14.3                            | -0.5             | -12.9                       | -9.9              | -15.7                          | 21.2     | 9.9                             | 3.7              |
|           | OCT. | -10.4              | -69.2             | -12.4                          | 13.7     | 12.4                            | 0.0              | -12.7                       | -16.1             | -15.4                          | 20.3     | 10.2                            | 3.3              |
|           | NOV. | -2.1               | -                 | -3.2                           | 26.0     | 12.8                            | 1.0              | -11.8                       | -19.9             | -14.4                          | 20.8     | 10.4                            | 3.1              |
|           | DIC. | -4.8               | -                 | -6.6                           | 41.6     | 18.3                            | -7.5             | -11.3                       | -23.3             | -13.8                          | 22.5     | 11.2                            | 2.2              |
|           | ENE. | -14.4              | -                 | -17.4                          | 40.7     | 14.3                            | -5.6             | -14.4                       | -                 | -17.4                          | 40.7     | 14.3                            | -5.6             |
|           | FEB. | -9.1               | -                 | -11.7                          | 29.5     | 14.1                            | -10.2            | -11.8                       | -                 | -14.6                          | 34.9     | 14.2                            | -7.9             |
|           | MAR. | -1.4               | -                 | -2.9                           | 14.1     | 15.9                            | -5.9             | -8.4                        | -                 | -10.9                          | 26.9     | 14.8                            | -7.2             |
|           | ABR. | -3.4               | -                 | -5.8                           | 25.3     | 20.6                            | -8.9             | -7.2                        | -                 | -9.6                           | 26.5     | 16.2                            | -7.6             |
| 2014      | MAY. | -9.3               | -                 | -11.7                          | 11.2     | 17.2                            | -11.2            | -7.6                        | -                 | -10.1                          | 23.2     | 16.4                            | -8.3             |
|           | JUN. | -14.7              | -                 | -17.6                          | -8.1     | 23.3                            | -9.2             | -8.8                        | -                 | -11.4                          | 16.7     | 17.5                            | -8.5             |
|           | JUL. | -12.3              | -                 | -15.1                          | -10.3    | 28.3                            | -11.9            | -9.3                        | -                 | -11.9                          | 11.9     | 19.0                            | -8.9             |
|           | AGO. | -10.4              | -                 | -12.7                          | -3.1     | 22.0                            | -16.3            | -9.5                        | -                 | -12.0                          | 9.8      | 19.4                            | -9.9             |
|           | SET. | -11.0              | -                 | -13.2                          | 0.4      | 16.6                            | -15.3            | -9.6                        | -                 | -12.1                          | 8.7      | 19.1                            | -10.5            |
|           | OCT. | -15.3              | -                 | -18.7                          | -1.4     | 19.7                            | -14.9            | -10.2                       | -                 | -12.8                          | 7.6      | 19.1                            | -10.9            |
|           | NOV. | -15.8              | -                 | -19.0                          | -4.3     | 17.8                            | -19.5            | -10.7                       | -                 | -13.4                          | 6.4      | 19.0                            | -11.7            |
|           | DIC. | -16.4              | -                 | -19.3                          | -6.9     | 9.2                             | -5.9             | -11.2                       | -                 | -13.9                          | 5.2      | 18.1                            | -11.2            |
|           | ENE. | -12.0              | -                 | -15.0                          | -7.0     | 14.1                            | -4.3             | -12.0                       | -                 | -15.0                          | -7.0     | 14.1                            | -4.3             |
| 2015      | FEB. | -5.1               | -                 | -6.7                           | -7.4     | 11.6                            | 1.1              | -8.5                        | -                 | -10.8                          | -7.2     | 12.8                            | -1.7             |
|           | MAR. | -5.8               | -                 | -6.6                           | -17.8    | 8.6                             | 1.7              | -7.6                        | -                 | -9.3                           | -10.9    | 11.4                            | -0.6             |
|           | ABR. | -3.0               | -                 | -3.1                           | -14.3    | 2.3                             | 6.4              | -6.4                        | -                 | -7.7                           | -11.7    | 9.0                             | 1.1              |
|           | MAY. | 4.3                | -                 | 5.2                            | -7.7     | 3.2                             | 5.4              | -4.3                        | -                 | -5.2                           | -11.0    | 7.8                             | 1.9              |
|           | JUN. | 6.2                | -                 | 7.7                            | -12.2    | 1.3                             | 10.7             | -2.6                        | -                 | -3.1                           | -11.2    | 6.7                             | 3.3              |
|           | JUL. | -6.5               | -                 | -7.0                           | -12.5    | -2.6                            | 5.5              | -3.1                        | -                 | -3.7                           | -11.3    | 5.3                             | 3.6              |
|           | AGO. | -5.1               | -                 | -5.4                           | -12.1    | -1.9                            | 11.3             | -3.4                        | -                 | -3.9                           | -11.4    | 4.4                             | 4.5              |
|           | SET. | -0.9               | -                 | -0.3                           | -12.1    | -2.0                            | 11.3             | -3.1                        | -                 | -3.5                           | -11.5    | 3.7                             | 5.2              |
|           | OCT. | 2.6                | -                 | 3.5                            | -13.8    | 1.1                             | 14.4             | -2.6                        | -                 | -2.8                           | -11.7    | 3.4                             | 6.1              |
| 2016      | NOV. | 4.1                | -                 | 4.8                            | -9.5     | 2.7                             | 14.6             | -2.0                        | -                 | -2.2                           | -11.5    | 3.3                             | 6.8              |
|           | DIC. | 6.2                | -                 | 7.6                            | -7.9     | 3.0                             | 2.3              | -1.3                        | -                 | -1.4                           | -11.2    | 3.3                             | 6.4              |
|           | ENE. | 9.2                | -                 | 11.3                           | -7.6     | 3.3                             | 1.7              | 9.2                         | -                 | 11.3                           | -7.6     | 3.3                             | 1.7              |
|           | FEB. | 10.5               | -                 | 12.1                           | -1.4     | 5.3                             | 0.0              | 9.9                         | -                 | 11.7                           | -4.5     | 4.3                             | 0.8              |
|           | MAR. | 13.1               | -                 | 14.5                           | 9.3      | 4.8                             | 0.0              | 11.0                        | -                 | 12.7                           | -0.2     | 4.5                             | 0.6              |
|           | ABR. | 9.8                | -                 | 11.0                           | 8.1      | 1.0                             | -1.6             | 10.7                        | -                 | 12.3                           | 1.9      | 3.6                             | 0.0              |
|           | MAY. | 7.5                | -                 | 8.3                            | 9.6      | -2.0                            | 2.8              | 10.0                        | -                 | 11.4                           | 3.4      | 2.5                             | 0.6              |
|           | JUN. | 1.2                | -                 | 1.0                            | 10.2     | -0.4                            | -6.5             | 8.4                         | -                 | 9.6                            | 4.5      | 2.0                             | -0.6             |
|           | JUL. | 7.3                | -                 | 8.1                            | 7.1      | 2.4                             | -1.7             | 8.3                         | -                 | 9.4                            | 4.9      | 2.1                             | -0.8             |
| 2017      | AGO. | -0.9               | -                 | -1.5                           | 5.0      | 1.3                             | -2.3             | 7.2                         | -                 | 8.0                            | 4.9      | 2.0                             | -1.0             |
|           | SET. | -7.4               | -                 | -9.0                           | 1.7      | 0.4                             | 0.0              | 5.5                         | -                 | 6.1                            | 4.5      | 1.8                             | -0.9             |
|           | OCT. | -5.1               | -                 | -6.0                           | 6.0      | -2.3                            | -3.8             | 4.4                         | -                 | 4.9                            | 4.7      | 1.4                             | -1.2             |
|           | NOV. | -8.2               | -                 | -9.1                           | -5.2     | -2.5                            | -5.0             | 3.3                         | -                 | 3.6                            | 3.8      | 1.0                             | -1.5             |
|           | DIC. | -7.0               | -                 | -7.8                           | -5.9     | -1.7                            | -1.1             | 2.4                         | -                 | 2.6                            | 3.0      | 0.8                             | -1.5             |
|           | ENE. | -2.5               | -                 | -2.0                           | -8.8     | -2.5                            | -5.5             | -2.5                        | -                 | -2.0                           | -8.8     | -2.5                            | -5.5             |
|           | FEB. | -14.2              | -                 | -15.7                          | -15.0    | -0.8                            | -5.0             | -8.7                        | -                 | -9.4                           | -12.0    | -1.7                            | -5.3             |
|           | MAR. | -21.2              | -                 | -24.0                          | -10.3    | -3.0                            | -4.5             | -13.2                       | -                 | -14.6                          | -11.4    | -2.1                            | -5.0             |
|           | ABR. | -21.8              | -                 | -25.6                          | -12.3    | -4.4                            | 48.2             | -15.4                       | -                 | -17.5                          | -11.7    | -2.7                            | 8.4              |
| 2018      | MAY. | -25.2              | -                 | -29.4                          | -16.0    | -4.3                            | 52.0             | -17.5                       | -                 | -20.0                          | -12.6    | -3.0                            | 17.1             |
|           | JUN. | -24.3              | -                 | -28.5                          | -17.0    | -3.9                            | 55.9             | -18.6                       | -                 | -21.4                          | -13.3    | -3.1                            | 23.4             |
|           | JUL. | -17.2              | -                 | -21.3                          | -8.5     | -1.8                            | 61.1             | -18.4                       | -                 | -21.4                          | -12.6    | -2.9                            | 28.5             |
|           | AGO. | -18.3              | -                 | -21.9                          | -16.9    | -0.9                            | 49.4             | -18.4                       | -                 | -21.5                          | -13.2    | -2.7                            | 31.0             |
|           | SET. | -13.1              | -                 | -15.8                          | -19.7    | 1.6                             | 44.1             | -17.9                       | -                 | -20.9                          | -13.9    | -2.2                            | 32.5             |

**CIUDAD DE PAITA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES  
DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2002 - NOVIEMBRE 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. | -11.9              | -                 | -15.1                          | -18.4    | 6.8                             | 49.1             | -17.3                       | -                 | -20.4                          | -14.3    | -1.3                            | 34.1             |
| NOV.      | -9.8               | -                 | -13.9                          | -9.9     | 12.0                            | 50.6             | -16.7                       | -                 | -19.9                          | -13.9    | -0.1                            | 35.6             |
| DIC.      | -10.5              | -                 | -14.9                          | -9.5     | 11.6                            | 61.0             | -16.2                       | -                 | -19.5                          | -13.6    | 0.9                             | 37.7             |
| ENE.      | -13.3              | -                 | -18.8                          | -4.6     | 14.1                            | 60.9             | -13.3                       | -                 | -18.8                          | -4.6     | 14.1                            | 60.9             |
| FEB.      | -6.4               | -                 | -10.1                          | -1.9     | 9.3                             | 56.1             | -9.9                        | -                 | -14.4                          | -3.3     | 11.7                            | 58.5             |
| MAR.      | -1.1               | -                 | -3.1                           | -12.4    | 10.6                            | 51.4             | -7.0                        | -                 | -10.8                          | -6.5     | 11.4                            | 56.1             |
| ABR.      | 5.7                | -                 | 6.4                            | -6.9     | 12.8                            | -4.4             | -4.0                        | -                 | -6.7                           | -6.6     | 11.7                            | 35.3             |
| MAY.      | 9.8                | -                 | 11.5                           | -8.7     | 15.3                            | -7.1             | -1.4                        | -                 | -3.3                           | -7.0     | 12.4                            | 24.3             |
| JUN.      | 11.9               | -                 | 13.8                           | 1.8      | 11.3                            | -6.5             | 0.7                         | -                 | -0.7                           | -5.6     | 12.2                            | 18.0             |
| JUL.      | 12.2               | -                 | 14.9                           | -5.6     | 10.4                            | -6.1             | 2.2                         | -                 | 1.3                            | -5.6     | 12.0                            | 13.9             |
| AGO.      | 13.6               | -                 | 15.2                           | 11.1     | 8.7                             | 1.1              | 3.5                         | -                 | 2.9                            | -3.6     | 11.6                            | 12.1             |
| SET.      | 4.0                | -                 | 2.9                            | 19.0     | 6.0                             | 4.6              | 3.5                         | -                 | 2.9                            | -1.4     | 10.9                            | 11.2             |
| OCT.      | -12.9              | -                 | -17.6                          | 18.5     | 2.4                             | 1.9              | 1.9                         | -                 | 0.9                            | 0.4      | 10.0                            | 10.2             |
| NOV.      | -13.4              | -                 | -18.3                          | 18.2     | 0.6                             | 4.2              | 0.6                         | -                 | -0.7                           | 1.9      | 9.1                             | 9.6              |
| DIC.      | -6.4               | -                 | -8.7                           | 16.2     | 0.5                             | -6.6             | 0.0                         | -                 | -1.4                           | 3.1      | 8.2                             | 8.0              |
| 2018 ENE. | -3.6               | -                 | -5.0                           | 14.6     | -2.8                            | -2.1             | -3.6                        | -                 | -5.0                           | 14.6     | -2.8                            | -2.1             |
| FEB.      | -4.1               | -                 | -5.1                           | 4.7      | -2.6                            | 1.5              | -3.8                        | -                 | -5.0                           | 9.6      | -2.7                            | -0.4             |
| MAR.      | 2.4                | -                 | 2.0                            | 13.9     | 0.0                             | 2.6              | -1.7                        | -                 | -2.6                           | 11.0     | -1.8                            | 0.6              |
| ABR.      | -1.6               | -                 | -2.9                           | 12.5     | -0.4                            | 5.0              | -1.7                        | -                 | -2.6                           | 11.4     | -1.5                            | 1.7              |
| MAY.      | 4.4                | -                 | 4.3                            | 16.2     | 1.1                             | 0.8              | -0.4                        | -                 | -1.2                           | 12.4     | -1.0                            | 1.5              |
| JUN.      | 14.4               | -                 | 13.7                           | 22.9     | 16.8                            | 12.3             | 2.1                         | -                 | 1.4                            | 14.2     | 1.8                             | 3.2              |
| JUL.      | 11.2               | -                 | 9.9                            | 22.9     | 15.7                            | 11.0             | 3.5                         | -                 | 2.7                            | 15.5     | 3.7                             | 4.3              |
| AGO.      | 17.2               | -                 | 17.0                           | 21.5     | 19.2                            | 8.9              | 5.2                         | -                 | 4.5                            | 16.3     | 5.5                             | 4.9              |
| SET.      | 18.8               | -                 | 18.8                           | 19.2     | 23.2                            | 6.4              | 6.6                         | -                 | 6.0                            | 16.7     | 7.4                             | 5.1              |
| OCT.      | 29.9               | -                 | 33.5                           | 19.6     | 21.4                            | 6.2              | 8.6                         | -                 | 8.1                            | 17.0     | 8.8                             | 5.2              |
| NOV.      | 44.4               | -                 | 53.4                           | 21.8     | 20.7                            | 4.9              | 11.2                        | -                 | 11.3                           | 17.5     | 9.9                             | 5.2              |
| DIC.      | 26.7               | -                 | 28.5                           | 26.2     | 22.4                            | 5.6              | 12.5                        | -                 | 12.6                           | 18.2     | 11.0                            | 5.2              |
| 2019 ENE. | 29.2               | -                 | 31.1                           | 33.7     | 24.1                            | 2.7              | 29.2                        | -                 | 31.1                           | 33.7     | 24.1                            | 2.7              |
| FEB.      | 46.1               | -                 | 43.0                           | 174.3    | 25.9                            | 2.1              | 37.9                        | -                 | 37.3                           | 101.3    | 25.0                            | 2.4              |
| MAR.      | 39.8               | -                 | 29.2                           | 267.6    | 23.9                            | 4.7              | 38.6                        | -                 | 34.3                           | 157.4    | 24.6                            | 3.1              |
| ABR.      | 39.2               | -                 | 51.1                           | -70.8    | 21.6                            | 4.2              | 38.7                        | -                 | 38.9                           | 98.4     | 23.9                            | 3.4              |
| MAY.      | 28.1               | -                 | 36.5                           | -71.6    | 21.9                            | 9.3              | 36.4                        | -                 | 38.3                           | 63.3     | 23.5                            | 4.5              |
| JUN.      | 15.7               | -                 | 23.7                           | -73.9    | 9.6                             | -0.6             | 32.4                        | -                 | 35.5                           | 37.3     | 21.0                            | 3.6              |
| JUL.      | 13.8               | -                 | 21.4                           | -74.1    | 10.1                            | 0.6              | 29.5                        | -                 | 33.3                           | 19.4     | 19.4                            | 3.2              |
| AGO.      | 13.5               | -                 | 21.3                           | -75.8    | 8.7                             | 1.2              | 27.3                        | -                 | 31.6                           | 6.0      | 18.0                            | 2.9              |
| SET.      | 16.7               | -                 | 26.2                           | -76.5    | 4.9                             | 0.6              | 26.1                        | -                 | 31.0                           | -4.2     | 16.4                            | 2.7              |
| OCT.      | 24.0               | -                 | 36.5                           | -75.7    | 5.2                             | 0.9              | 25.9                        | -                 | 31.5                           | -12.1    | 15.1                            | 2.5              |
| NOV. P/   | 7.7                | -                 | 14.9                           | -76.9    | 4.0                             | 1.2              | 24.1                        | -                 | 29.9                           | -18.6    | 14.0                            | 2.4              |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2002.

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.

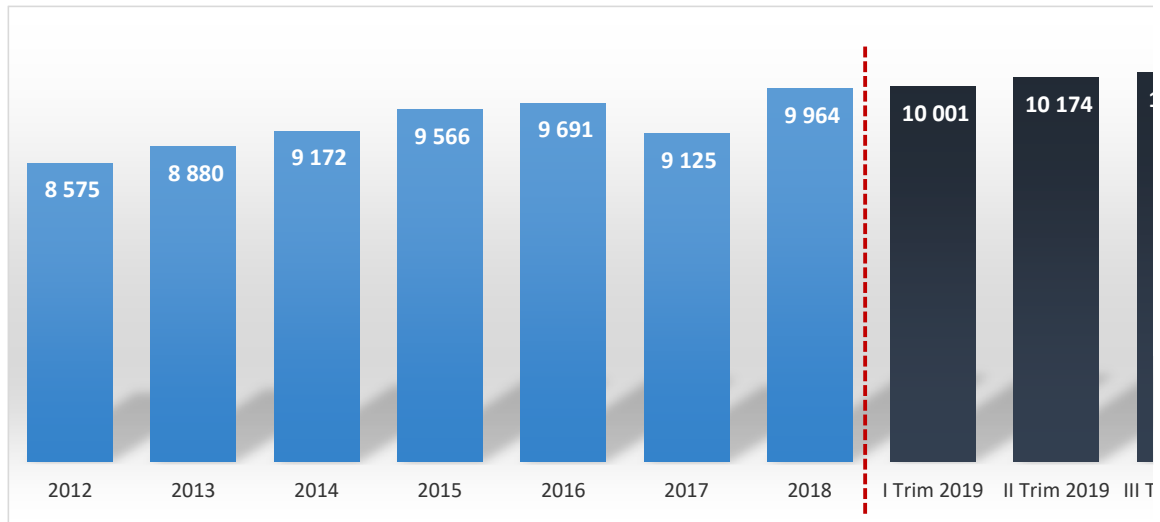
4/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

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

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

## PIURA: PROMEDIO DE EMPRESAS DEL SECTOR PRIVADO, 2012 - III TRIM 20



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

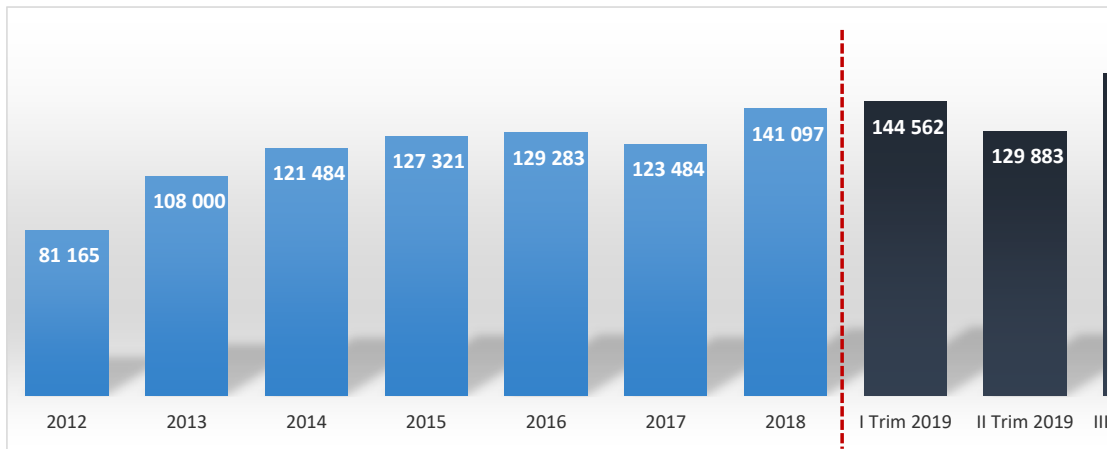
**Elaboración:** MTPE - DGPE - Dirección de Investigación Socio Económico Laboral (DISEL).

| REGIÓN | 2012    | 2013    | 2014    | 2015    | 2016    | 2017    | 2018    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| PIURA  | 8,575   | 8,880   | 9,172   | 9,566   | 9,691   | 9,125   | 9,964   |
| PERÚ   | 242,913 | 253,088 | 261,781 | 273,873 | 282,150 | 284,656 | 293,938 |



| I Trim 2019 | II Trim 2019 | III Trim 2019 |
|-------------|--------------|---------------|
| 10,001      | 10,174       | 10,268        |
| 297,108     | 301,186      | 305,162       |

**PIURA: PROMEDIO DE TRABAJADORES DEL SECTOR PRIVADO, 2012 - III TRIM  
(Personas)**



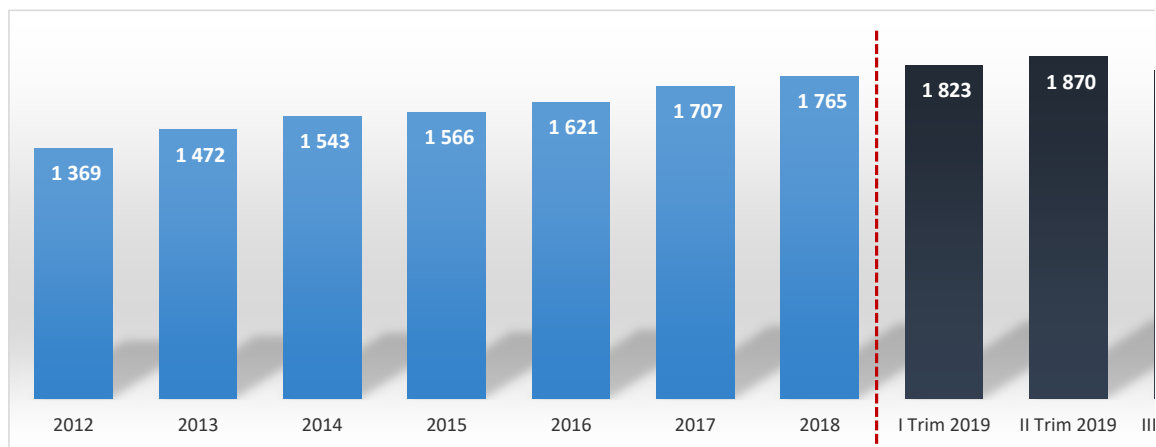
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

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

2019



**PIURA: PROMEDIO DE REMUNERACIÓN MENSUAL DE TRABAJADORES DEL SECTOR P  
2012 - III TRIM 2019  
(Soles)**



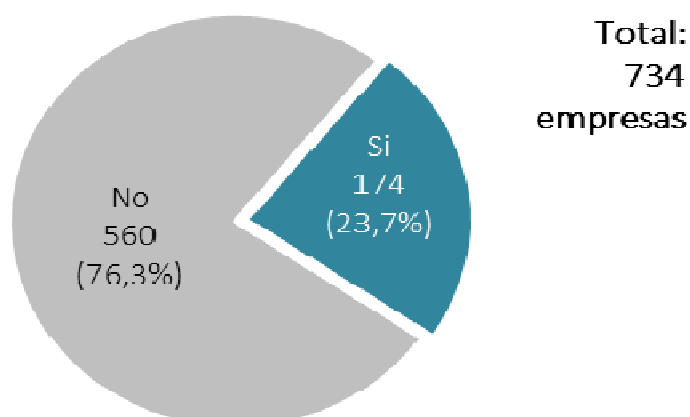
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

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

'RIVADO,



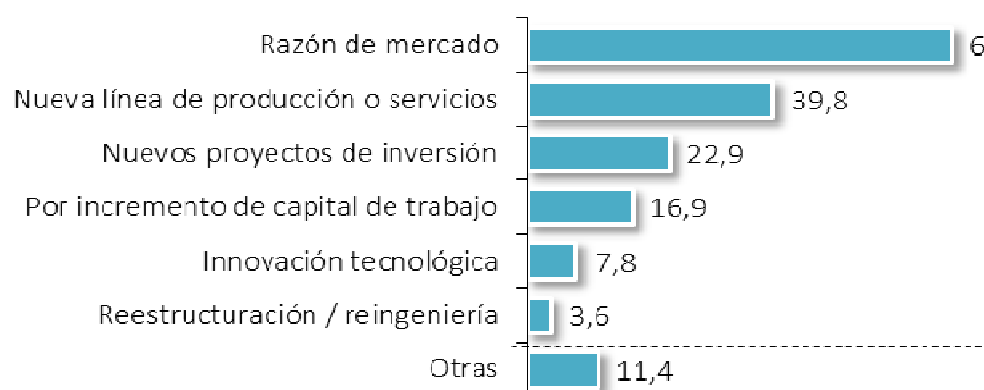
**PIURA: EMPRESA QUE REQUERIRÁN PERSONAL A CONTRATAR, 2018**  
(Absoluto y porcentaje)



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

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

**PIURA: 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).

19

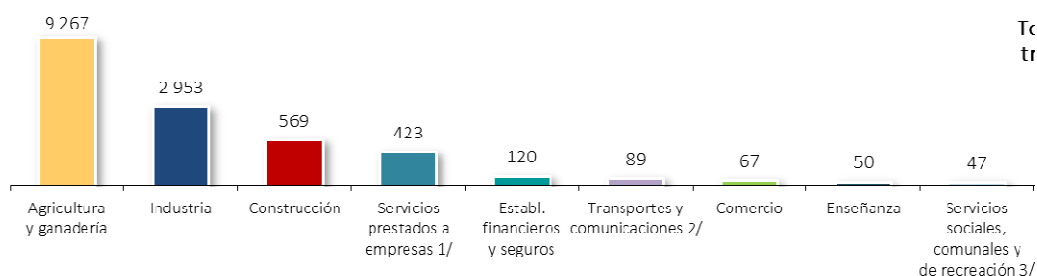
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## PIURA: PERSONAL A CONTRATAR SEGÚN PRINCIPALES SECTORES ECONÓMICOS, 2019 (Absoluto)



**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 empresariales (actividades jurídicas y contables).

2/ Considera actividades de asociaciones; actividades de esparcimiento; actividades culturales y deportivas; actividades de hospitales; investigación y otros.

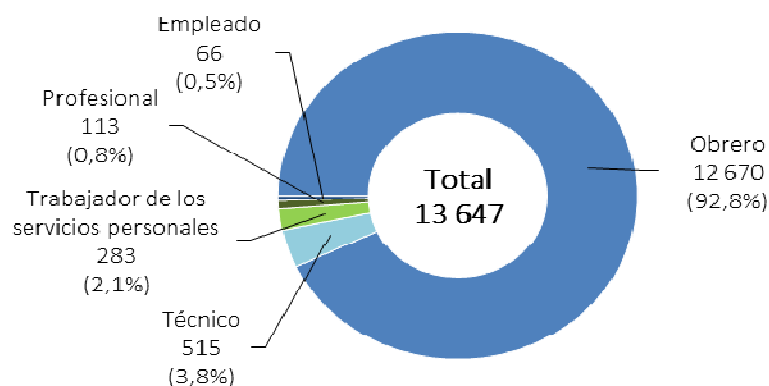
3/ Considera actividades de agencias de viajes.

4/ Incluye restaurantes y hoteles (35); y, minería (27).

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

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

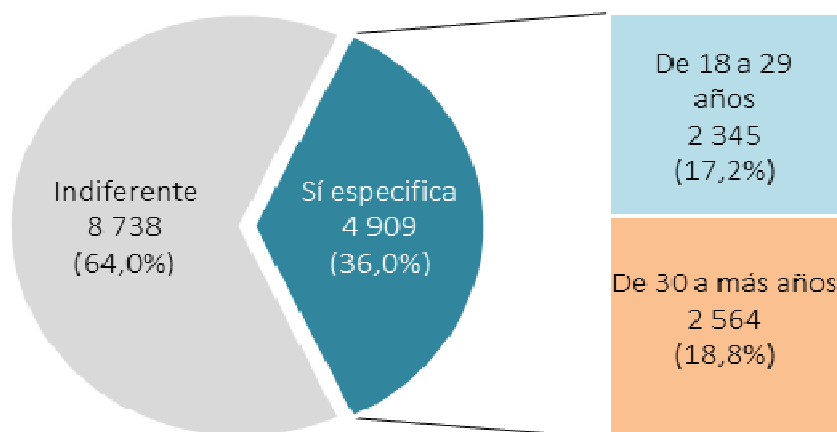
## PIURA: PERSONAL A CONTRATAR, SEGÚN GRUPO OCUPACIONAL, 2019 (Absoluto y porcentaje)



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

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

**PIURA: PERSONAL A CONTRATAR, SEGÚN GRUPO DE EDAD, 2018**  
(Absoluto y porcentaje)

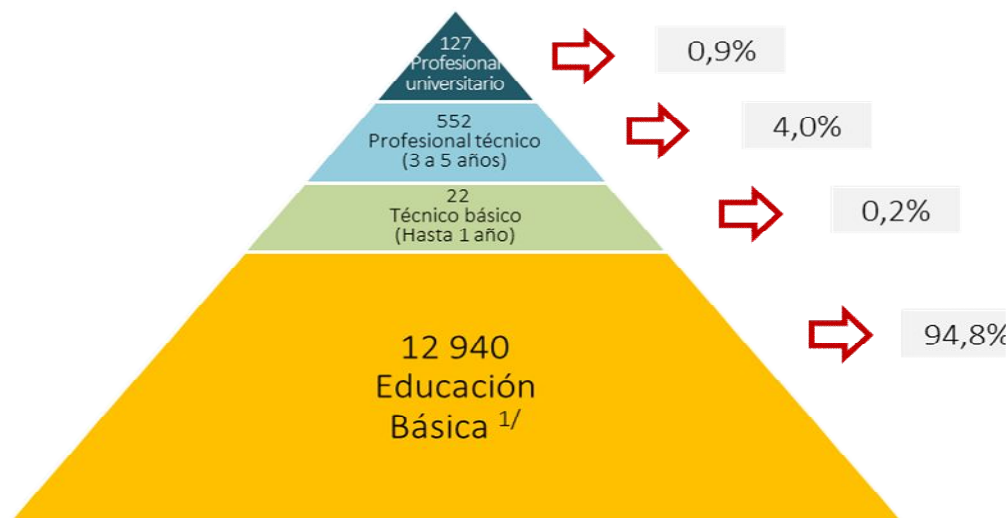


**Nota:** La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

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

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

**PIURA: PERSONAL A CONTRATAR, SEGÚN NIVEL EDUCATIVO, 2018**  
(Absoluto y porcentaje)



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

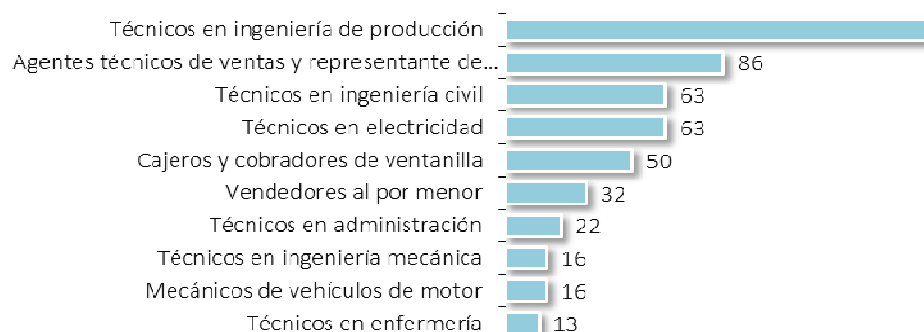
No se incluye el nivel técnico medio (6) por presentar pocos casos.

<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).

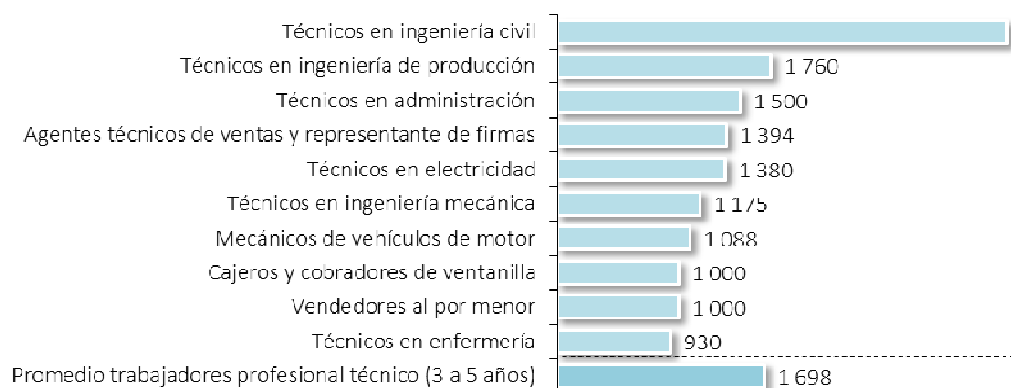
## PIURA: OCUPACIONES MÁS REQUERIDAS DEL PERSONAL PROFESIONAL A CONTRATAR, 2019 (Absoluto)



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

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

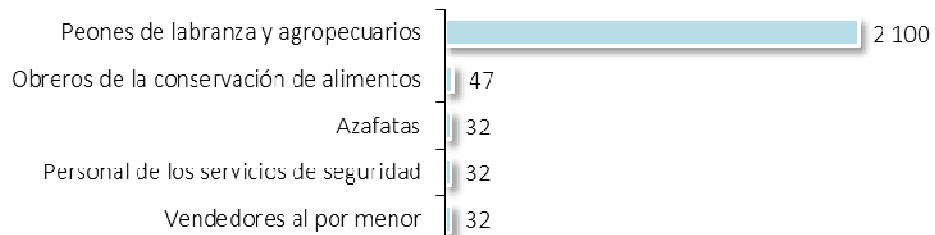
## PIURA: REMUNERACIÓN PROMEDIO MENSUAL DE LAS OCUPACIONES MÁS REQUERIDAS DEL PERSONAL PROFESIONAL TÉCNICO A CONTRATAR, 2019 (Soles)



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

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

## PIURA: OCUPACIONES MÁS REQUERIDAS PARA JÓVENES A CONTRATAR (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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ÓMICOS,

otal: 13 647  
rabajadores

62  
Otros 4/

/

; otras actividades

1 y desarrollo; entre

019

9

9

5

**TÉCNICO**

167

**QUERIDAS**

3 700

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R, 2019

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