



PERÚ

Ministerio de Trabajo  
y Promoción del Empleo

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## MOQUEGUA: 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 | 120.1                                  | 89.4                                     | 84.8       | 4.6           | 74.5              | 70.7                     | 5.1                  |
| 2005 | 122.1                                  | 94.8                                     | 87.7       | 7.1           | 77.6              | 71.8                     | 7.5                  |
| 2006 | 124.1                                  | 93.8                                     | 87.2       | 6.7           | 75.6              | 70.3                     | 7.1                  |
| 2007 | 126.1                                  | 98.2                                     | 89.4       | 8.7           | 77.9              | 71.0                     | 8.9                  |
| 2008 | 128.0                                  | 93.1                                     | 87.2       | 5.8           | 72.7              | 68.1                     | 6.3                  |
| 2009 | 130.0                                  | 96.6                                     | 90.1       | 6.4           | 74.3              | 69.3                     | 6.7                  |
| 2010 | 132.0                                  | 99.1                                     | 94.9       | 4.2           | 75.1              | 71.9                     | 4.3                  |
| 2011 | 134.0                                  | 100.1                                    | 93.9       | 6.2           | 74.8              | 70.1                     | 6.2                  |
| 2012 | 135.9                                  | 103.9                                    | 98.3       | 5.6           | 76.4              | 72.3                     | 5.4                  |
| 2013 | 137.9                                  | 105.9                                    | 100.6      | 5.3           | 76.7              | 72.9                     | 5.0                  |
| 2014 | 139.9                                  | 104.6                                    | 100.2      | 4.4           | 74.8              | 71.6                     | 4.2                  |
| 2015 | 141.9                                  | 103.6                                    | 99.7       | 4.0           | 73.0              | 70.2                     | 3.8                  |
| 2016 | 143.9                                  | 107.0                                    | 101.5      | 5.5           | 74.3              | 70.5                     | 5.1                  |
| 2017 | 146.0                                  | 106.9                                    | 102.3      | 4.6           | 73.2              | 70.1                     | 4.3                  |
| 2018 | 148.0                                  | 106.9                                    | 102.9      | 3.9           | 72.2              | 69.6                     | 3.7                  |

**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 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 a excepción del 2016.

5/ Cifras referenciales para todos los años a excepción del 2016.

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

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

## MOQUEGUA: 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 | 5.1             | 67.2      | 8.6          | 58.6               | 27.7                     | 100.0             | 89.4                                |
| 2005 | 7.5             | 62.1      | 9.7          | 52.4               | 30.4                     | 100.0             | 94.8                                |
| 2006 | 7.1             | 56.5      | 8.8          | 47.7               | 36.4                     | 100.0             | 93.8                                |
| 2007 | 8.9             | 48.8      | 8.2          | 40.6               | 42.3                     | 100.0             | 98.2                                |
| 2008 | 6.3             | 46.7      | 8.1          | 38.6               | 47.0                     | 100.0             | 93.1                                |
| 2009 | 6.7             | 44.3      | 9.8          | 34.5               | 49.1                     | 100.0             | 96.6                                |
| 2010 | 4.3             | 41.0      | 10.5         | 30.5               | 54.7                     | 100.0             | 99.1                                |
| 2011 | 6.2             | 41.1      | 7.8          | 33.3               | 52.7                     | 100.0             | 100.1                               |
| 2012 | 5.4             | 39.4      | 7.7          | 31.7               | 55.2                     | 100.0             | 103.9                               |
| 2013 | 5.0             | 37.1      | 5.3          | 31.9               | 57.9                     | 100.0             | 105.9                               |
| 2014 | 4.2             | 37.5      | 3.9          | 33.7               | 58.3                     | 100.0             | 104.6                               |
| 2015 | 3.8             | 35.8      | 3.3          | 32.6               | 60.3                     | 100.0             | 103.6                               |
| 2016 | 5.1             | 34.9      | 2.4          | 32.5               | 60.0                     | 100.0             | 107.0                               |
| 2017 | 4.3             | 35.8      | 1.9          | 33.9               | 59.9                     | 100.0             | 106.9                               |
| 2018 | 3.7             | 36.3      | 1.2          | 35.1               | 60.1                     | 100.0             | 106.9                               |

**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 la PEA desocupada. Cifras referenciales para todos los años a excepción del 2005, 2007, 2009, 2011 y 2016.

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 2013, 2014, 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).

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

| Años | Sector público | Sector privado 1/ |                        |                             |                              |                    | 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 2/ | De 101 y más trabajadores 3/ | No especificado 4/ |               |                                   |                         |                |                                       |
| 2004 | 12.2           | 34.8              | 23.7                   | 5.3                         | 5.8                          | 0.0                | 35.3          | 15.7                              | 2.0                     | 100.0          | 84.8                                  |
| 2005 | 14.2           | 34.9              | 22.5                   | 4.6                         | 7.8                          | 0.0                | 32.1          | 16.9                              | 1.8                     | 100.0          | 87.7                                  |
| 2006 | 18.2           | 34.3              | 19.5                   | 6.2                         | 8.5                          | 0.0                | 29.0          | 17.1                              | 1.5                     | 100.0          | 87.2                                  |
| 2007 | 17.3           | 33.5              | 19.2                   | 6.1                         | 8.0                          | 0.2                | 31.6          | 15.8                              | 1.9                     | 100.0          | 89.4                                  |
| 2008 | 20.7           | 31.8              | 18.3                   | 4.7                         | 8.6                          | 0.2                | 32.4          | 14.1                              | 1.0                     | 100.0          | 87.2                                  |
| 2009 | 19.7           | 36.0              | 20.3                   | 6.0                         | 9.6                          | 0.1                | 31.8          | 11.8                              | 0.7                     | 100.0          | 90.1                                  |
| 2010 | 22.4           | 34.7              | 19.2                   | 6.2                         | 9.0                          | 0.2                | 31.5          | 9.7                               | 1.7                     | 100.0          | 94.9                                  |
| 2011 | 18.1           | 34.6              | 19.9                   | 5.6                         | 8.9                          | 0.2                | 34.6          | 11.2                              | 1.6                     | 100.0          | 93.9                                  |
| 2012 | 19.5           | 34.7              | 17.8                   | 5.7                         | 10.8                         | 0.5                | 34.1          | 9.9                               | 1.7                     | 100.0          | 98.3                                  |
| 2013 | 19.8           | 35.1              | 17.2                   | 6.1                         | 11.7                         | 0.1                | 33.4          | 10.9                              | 0.8                     | 100.0          | 100.6                                 |
| 2014 | 17.9           | 36.2              | 17.6                   | 7.0                         | 11.6                         | 0.0                | 33.1          | 11.9                              | 1.0                     | 100.0          | 100.2                                 |
| 2015 | 16.4           | 37.8              | 18.8                   | 8.1                         | 10.9                         | 0.0                | 36.6          | 8.3                               | 0.8                     | 100.0          | 99.7                                  |
| 2016 | 18.1           | 35.5              | 18.6                   | 5.6                         | 11.2                         | 0.0                | 36.1          | 9.3                               | 1.0                     | 100.0          | 101.5                                 |
| 2017 | 15.5           | 35.1              | 17.9                   | 6.0                         | 11.2                         | 0.0                | 38.4          | 9.1                               | 1.9                     | 100.0          | 102.3                                 |
| 2018 | 16.0           | 38.1              | 19.1                   | 6.8                         | 12.2                         | 0.0                | 35.8          | 8.1                               | 2.0                     | 100.0          | 102.9                                 |

**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/ Incluye a los empleadores.

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

3/ Cifras referenciales para los años 2004 al 2010.

4/ Cifras referenciales para los años 2007 al 2013.

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).

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

| Años | Profesional, técnico, gerente, administrador y funcionario 1/ | Empleado de oficina | Vendedor 2/ | Agricultor, ganadero, pescador, minero y cantero 3/ | Artesano y operario | Obrero, jornalero | Conductor | Trabajador de los servicios 4/ | Trabajador del hogar | Total relativo | PEA ocupada (Miles de personas) |
|------|---------------------------------------------------------------|---------------------|-------------|-----------------------------------------------------|---------------------|-------------------|-----------|--------------------------------|----------------------|----------------|---------------------------------|
| 2004 | 11.9                                                          | 5.9                 | 14.2        | 36.4                                                | 8.4                 | 5.4               | 5.6       | 10.1                           | 2.0                  | 100.0          | 84.8                            |
| 2005 | 11.6                                                          | 5.7                 | 13.3        | 35.0                                                | 10.4                | 6.2               | 5.1       | 10.9                           | 1.8                  | 100.0          | 87.7                            |
| 2006 | 11.0                                                          | 7.0                 | 13.2        | 33.2                                                | 7.1                 | 8.7               | 6.5       | 12.0                           | 1.5                  | 100.0          | 87.2                            |
| 2007 | 8.2                                                           | 5.2                 | 14.4        | 32.9                                                | 8.7                 | 10.2              | 5.0       | 13.6                           | 1.9                  | 100.0          | 89.4                            |
| 2008 | 9.9                                                           | 6.5                 | 13.9        | 29.0                                                | 10.4                | 11.4              | 6.6       | 11.3                           | 1.0                  | 100.0          | 87.2                            |
| 2009 | 12.1                                                          | 7.8                 | 13.7        | 28.9                                                | 9.2                 | 7.9               | 6.7       | 13.1                           | 0.7                  | 100.0          | 90.1                            |
| 2010 | 13.6                                                          | 7.3                 | 12.2        | 25.0                                                | 10.3                | 10.2              | 6.8       | 12.9                           | 1.7                  | 100.0          | 94.9                            |
| 2011 | 12.8                                                          | 6.6                 | 11.6        | 28.9                                                | 10.4                | 7.4               | 6.5       | 14.2                           | 1.6                  | 100.0          | 93.9                            |
| 2012 | 14.3                                                          | 9.4                 | 12.6        | 25.6                                                | 8.8                 | 8.9               | 4.7       | 14.0                           | 1.7                  | 100.0          | 98.3                            |
| 2013 | 14.3                                                          | 8.4                 | 12.9        | 25.3                                                | 8.4                 | 7.7               | 6.9       | 15.4                           | 0.8                  | 100.0          | 100.6                           |
| 2014 | 14.0                                                          | 7.7                 | 12.8        | 27.9                                                | 8.2                 | 6.9               | 7.0       | 14.3                           | 1.0                  | 100.0          | 100.2                           |
| 2015 | 13.8                                                          | 8.3                 | 13.1        | 24.7                                                | 10.4                | 5.9               | 8.8       | 14.2                           | 0.8                  | 100.0          | 99.7                            |
| 2016 | 14.5                                                          | 7.6                 | 13.1        | 25.6                                                | 8.9                 | 6.1               | 7.7       | 15.5                           | 1.0                  | 100.0          | 101.5                           |
| 2017 | 14.3                                                          | 8.5                 | 14.1        | 25.1                                                | 10.1                | 5.0               | 8.1       | 13.0                           | 1.9                  | 100.0          | 102.3                           |
| 2018 | 15.0                                                          | 8.6                 | 11.5        | 24.0                                                | 9.1                 | 6.6               | 9.5       | 13.7                           | 2.0                  | 100.0          | 102.9                           |

**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 2010, 2012 al 2017.

2/ Cifras referenciales a los años 2004 al 2009, 2015 al 2017.

3/ Cifras referenciales para todos los años.

4/ Cifras referenciales a los años 2007, 2009, 2011 al 2016.

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

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

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

| Años | Asalariado<br>privado 1/ | Independiente | Empleador 2/ | Asalariado<br>público | Trabajador<br>familiar no<br>remunerado | Trabajador del<br>hogar 3/ | Total relativo | PEA ocupada<br>(Miles de<br>personas) |
|------|--------------------------|---------------|--------------|-----------------------|-----------------------------------------|----------------------------|----------------|---------------------------------------|
| 2004 | 30.0                     | 35.3          | 4.8          | 12.2                  | 15.7                                    | 2.0                        | 100.0          | 84.8                                  |
| 2005 | 31.3                     | 32.1          | 3.6          | 14.2                  | 16.9                                    | 1.8                        | 100.0          | 87.7                                  |
| 2006 | 29.7                     | 29.0          | 4.6          | 18.2                  | 17.1                                    | 1.5                        | 100.0          | 87.2                                  |
| 2007 | 29.3                     | 31.6          | 4.2          | 17.3                  | 15.8                                    | 1.9                        | 100.0          | 89.4                                  |
| 2008 | 28.4                     | 32.4          | 3.4          | 20.7                  | 14.1                                    | 1.0                        | 100.0          | 87.2                                  |
| 2009 | 31.1                     | 31.8          | 4.9          | 19.7                  | 11.8                                    | 0.7                        | 100.0          | 90.1                                  |
| 2010 | 30.0                     | 31.5          | 4.7          | 22.4                  | 9.7                                     | 1.7                        | 100.0          | 94.9                                  |
| 2011 | 29.3                     | 34.6          | 5.3          | 18.1                  | 11.2                                    | 1.6                        | 100.0          | 93.9                                  |
| 2012 | 29.5                     | 34.1          | 5.3          | 19.5                  | 9.9                                     | 1.7                        | 100.0          | 98.3                                  |
| 2013 | 30.8                     | 33.4          | 4.3          | 19.8                  | 10.9                                    | 0.8                        | 100.0          | 100.6                                 |
| 2014 | 31.9                     | 33.1          | 4.3          | 17.9                  | 11.9                                    | 1.0                        | 100.0          | 100.2                                 |
| 2015 | 32.9                     | 36.6          | 4.9          | 16.4                  | 8.3                                     | 0.8                        | 100.0          | 99.7                                  |
| 2016 | 31.5                     | 36.1          | 4.0          | 18.1                  | 9.3                                     | 1.0                        | 100.0          | 101.5                                 |
| 2017 | 31.2                     | 38.4          | 3.9          | 15.6                  | 9.1                                     | 1.9                        | 100.0          | 102.3                                 |
| 2018 | 34.0                     | 35.8          | 4.1          | 16.0                  | 8.1                                     | 2.0                        | 100.0          | 102.9                                 |

**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 todos los años a excepción del 2011 y 2012.

3/ 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).

## MOQUEGUA: 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 4/ | Hogares 5/ | Total<br>relativo | PEA ocupada<br>(Miles de<br>personas) |
|------|---------------|-------------------------------|-----------------|----------|----------------------------|----------------------------|------------|-------------------|---------------------------------------|
| 2007 | 35.0          | 5.0                           | 7.1             | 15.4     | 28.7                       | 6.8                        | 1.9        | 100.0             | 89.4                                  |
| 2008 | 31.1          | 7.3                           | 6.3             | 15.7     | 32.9                       | 5.5                        | 1.1        | 100.0             | 87.2                                  |
| 2009 | 31.2          | 7.4                           | 6.7             | 15.1     | 33.4                       | 5.6                        | 0.7        | 100.0             | 90.1                                  |
| 2010 | 26.8          | 9.6                           | 5.6             | 12.8     | 36.1                       | 7.3                        | 1.7        | 100.0             | 94.9                                  |
| 2011 | 31.0          | 6.7                           | 6.9             | 13.1     | 33.4                       | 7.5                        | 1.6        | 100.0             | 93.9                                  |
| 2012 | 28.1          | 6.6                           | 7.5             | 14.1     | 34.3                       | 7.8                        | 1.7        | 100.0             | 98.3                                  |
| 2013 | 27.8          | 6.6                           | 8.0             | 14.1     | 34.1                       | 8.6                        | 0.8        | 100.0             | 100.6                                 |
| 2014 | 31.0          | 4.4                           | 7.6             | 15.1     | 33.3                       | 7.6                        | 1.0        | 100.0             | 100.2                                 |
| 2015 | 26.9          | 8.0                           | 9.1             | 15.0     | 32.3                       | 7.9                        | 0.8        | 100.0             | 99.7                                  |
| 2016 | 28.0          | 5.9                           | 8.8             | 15.0     | 33.2                       | 8.1                        | 1.0        | 100.0             | 101.5                                 |
| 2017 | 27.3          | 5.6                           | 9.6             | 15.2     | 32.4                       | 8.0                        | 1.9        | 100.0             | 102.3                                 |
| 2018 | 26.6          | 5.4                           | 10.5            | 14.4     | 33.4                       | 7.8                        | 2.0        | 100.0             | 102.9                                 |

**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/ Cifras referenciales para los años 2007 al 2012, y 2014.

3/ Cifras referenciales para los años 2007 al 2010.

4/ Cifras referenciales para los años 2008 al 2010.

5/ Cifras referenciales para todos los años.

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

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

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

| Años | 14 años 1/ | 15 a 29 años | 30 a 44 años | 45 a 64 años | 65 a más años 2/ | Total relativo | PEA ocupada (Miles de personas) |
|------|------------|--------------|--------------|--------------|------------------|----------------|---------------------------------|
| 2004 | 1.1        | 30.2         | 38.9         | 24.6         | 5.2              | 100.0          | 84.8                            |
| 2005 | 0.9        | 31.6         | 35.6         | 26.5         | 5.5              | 100.0          | 87.7                            |
| 2006 | 1.4        | 27.4         | 40.2         | 26.1         | 4.9              | 100.0          | 87.2                            |
| 2007 | 0.6        | 26.4         | 41.0         | 26.3         | 5.7              | 100.0          | 89.4                            |
| 2008 | 0.9        | 25.0         | 40.4         | 27.0         | 6.7              | 100.0          | 87.2                            |
| 2009 | 1.0        | 23.8         | 41.0         | 27.3         | 6.9              | 100.0          | 90.1                            |
| 2010 | 0.5        | 26.9         | 38.4         | 28.3         | 6.0              | 100.0          | 94.9                            |
| 2011 | 0.6        | 23.9         | 39.3         | 29.2         | 6.9              | 100.0          | 93.9                            |
| 2012 | 0.7        | 23.4         | 39.3         | 29.6         | 6.9              | 100.0          | 98.3                            |
| 2013 | 0.6        | 23.1         | 38.1         | 30.5         | 7.7              | 100.0          | 100.6                           |
| 2014 | 0.3        | 22.6         | 39.0         | 30.6         | 7.4              | 100.0          | 100.2                           |
| 2015 | 0.3        | 22.4         | 37.9         | 31.2         | 8.2              | 100.0          | 99.7                            |
| 2016 | 0.3        | 22.8         | 37.1         | 32.9         | 6.9              | 100.0          | 101.5                           |
| 2017 | 0.4        | 19.5         | 39.3         | 33.5         | 7.3              | 100.0          | 102.3                           |
| 2018 | 0.2        | 19.3         | 39.3         | 34.2         | 6.9              | 100.0          | 102.9                           |

**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/ Cifras referenciales para los años 2004, 2006 y 2008.

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

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

## MOQUEGUA: 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 | 4.6          | 24.0        | 39.7       | 19.9                      | 11.8                      | 100.0          | 84.8                            |
| 2005 | 4.3          | 23.0        | 40.2       | 20.3                      | 12.3                      | 100.0          | 87.7                            |
| 2006 | 3.6          | 22.4        | 41.0       | 20.3                      | 12.7                      | 100.0          | 87.2                            |
| 2007 | 4.7          | 21.0        | 43.6       | 18.6                      | 12.1                      | 100.0          | 89.4                            |
| 2008 | 4.3          | 19.2        | 44.1       | 18.3                      | 14.1                      | 100.0          | 87.2                            |
| 2009 | 3.7          | 17.8        | 42.6       | 18.6                      | 17.3                      | 100.0          | 90.1                            |
| 2010 | 3.9          | 19.0        | 39.7       | 20.8                      | 16.6                      | 100.0          | 94.9                            |
| 2011 | 3.9          | 19.0        | 40.7       | 20.5                      | 15.9                      | 100.0          | 93.9                            |
| 2012 | 3.4          | 17.2        | 38.4       | 21.1                      | 19.9                      | 100.0          | 98.3                            |
| 2013 | 2.9          | 20.3        | 38.4       | 21.0                      | 17.3                      | 100.0          | 100.6                           |
| 2014 | 2.7          | 18.5        | 39.8       | 20.4                      | 18.5                      | 100.0          | 100.2                           |
| 2015 | 3.2          | 20.0        | 38.9       | 20.0                      | 18.1                      | 100.0          | 99.7                            |
| 2016 | 2.1          | 17.3        | 39.0       | 21.4                      | 20.2                      | 100.0          | 101.5                           |
| 2017 | 2.1          | 17.1        | 39.6       | 21.6                      | 19.6                      | 100.0          | 102.3                           |
| 2018 | 2.3          | 17.5        | 37.0       | 23.1                      | 20.1                      | 100.0          | 102.9                           |

**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 todos los años.

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

3/ Cifras referenciales para los años 2004 al 2006, y 2015.

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

**MOQUEGUA: DISTRIBUCIÓN DE LA PEA OCUPADA POR RANGO DE HORAS SEMANALES DE TRABAJO,  
2004 - 2018  
(Porcentaje)**

| <b>Años</b> | <b>Hasta 14 horas 1/</b> | <b>15 a 34 horas</b> | <b>35 a 47 horas</b> | <b>48 horas 2/</b> | <b>49 a 59 horas</b> | <b>60 a más horas</b> | <b>Total relativo</b> | <b>PEA ocupada (Miles de personas)</b> |
|-------------|--------------------------|----------------------|----------------------|--------------------|----------------------|-----------------------|-----------------------|----------------------------------------|
| 2004        | 5.5                      | 21.7                 | 19.0                 | 8.9                | 16.8                 | 28.1                  | 100.0                 | 84.8                                   |
| 2005        | 4.3                      | 20.0                 | 17.5                 | 8.9                | 18.8                 | 30.6                  | 100.0                 | 87.7                                   |
| 2006        | 4.0                      | 20.0                 | 19.9                 | 9.3                | 18.4                 | 28.4                  | 100.0                 | 87.2                                   |
| 2007        | 5.9                      | 18.3                 | 19.3                 | 7.9                | 18.9                 | 29.7                  | 100.0                 | 89.4                                   |
| 2008        | 4.1                      | 17.5                 | 17.6                 | 11.2               | 18.0                 | 31.6                  | 100.0                 | 87.2                                   |
| 2009        | 5.7                      | 20.6                 | 20.0                 | 12.2               | 15.8                 | 25.6                  | 100.0                 | 90.1                                   |
| 2010        | 5.7                      | 20.0                 | 18.5                 | 15.3               | 15.8                 | 24.7                  | 100.0                 | 94.9                                   |
| 2011        | 6.0                      | 18.7                 | 21.9                 | 12.5               | 16.6                 | 24.3                  | 100.0                 | 93.9                                   |
| 2012        | 7.5                      | 20.2                 | 21.9                 | 11.2               | 17.5                 | 21.8                  | 100.0                 | 98.3                                   |
| 2013        | 6.9                      | 20.2                 | 21.2                 | 12.5               | 14.5                 | 24.6                  | 100.0                 | 100.6                                  |
| 2014        | 6.2                      | 21.0                 | 22.5                 | 10.9               | 16.0                 | 23.4                  | 100.0                 | 100.2                                  |
| 2015        | 6.2                      | 18.6                 | 23.2                 | 11.7               | 17.2                 | 22.9                  | 100.0                 | 99.7                                   |
| 2016        | 5.6                      | 21.1                 | 22.0                 | 11.7               | 18.9                 | 20.8                  | 100.0                 | 101.5                                  |
| 2017        | 6.1                      | 19.1                 | 25.4                 | 11.0               | 15.7                 | 22.6                  | 100.0                 | 102.3                                  |
| 2018        | 5.6                      | 20.4                 | 23.3                 | 12.4               | 17.0                 | 21.4                  | 100.0                 | 102.9                                  |

**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/ Cifras referenciales para los años 2004 al 2006, 2008 y 2010.

2/ Cifra referencial para el año 2007.

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

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

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

(Porcentaje)

| Años | Sin ingreso | Menos de S/. 500 | De S/. 500 - S/. 999 | De S/. 1000 - S/. 1499 | De S/. 1500 a más 1/ | Total relativo | PEA ocupada (Miles de personas) |
|------|-------------|------------------|----------------------|------------------------|----------------------|----------------|---------------------------------|
| 2004 | 16.7        | 45.2             | 22.9                 | 7.7                    | 7.4                  | 100.0          | 84.8                            |
| 2005 | 17.1        | 41.0             | 22.0                 | 10.6                   | 9.3                  | 100.0          | 87.7                            |
| 2006 | 17.4        | 35.7             | 24.8                 | 12.4                   | 9.7                  | 100.0          | 87.2                            |
| 2007 | 16.0        | 32.4             | 23.9                 | 12.4                   | 15.3                 | 100.0          | 89.4                            |
| 2008 | 14.2        | 28.6             | 21.4                 | 16.8                   | 19.0                 | 100.0          | 87.2                            |
| 2009 | 12.0        | 29.0             | 21.3                 | 14.6                   | 23.2                 | 100.0          | 90.1                            |
| 2010 | 9.7         | 26.6             | 21.5                 | 15.3                   | 26.9                 | 100.0          | 94.9                            |
| 2011 | 11.3        | 24.5             | 20.6                 | 16.9                   | 26.8                 | 100.0          | 93.9                            |
| 2012 | 10.0        | 23.2             | 18.4                 | 16.0                   | 32.4                 | 100.0          | 98.3                            |
| 2013 | 10.9        | 21.5             | 17.3                 | 14.9                   | 35.4                 | 100.0          | 100.6                           |
| 2014 | 11.9        | 21.1             | 15.7                 | 14.2                   | 37.2                 | 100.0          | 100.2                           |
| 2015 | 8.4         | 21.0             | 16.5                 | 16.6                   | 37.6                 | 100.0          | 99.7                            |
| 2016 | 9.4         | 19.5             | 17.6                 | 15.6                   | 37.9                 | 100.0          | 101.5                           |
| 2017 | 9.1         | 19.9             | 17.6                 | 16.6                   | 36.8                 | 100.0          | 102.3                           |
| 2018 | 8.2         | 19.5             | 17.1                 | 16.2                   | 38.9                 | 100.0          | 102.9                           |

**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.

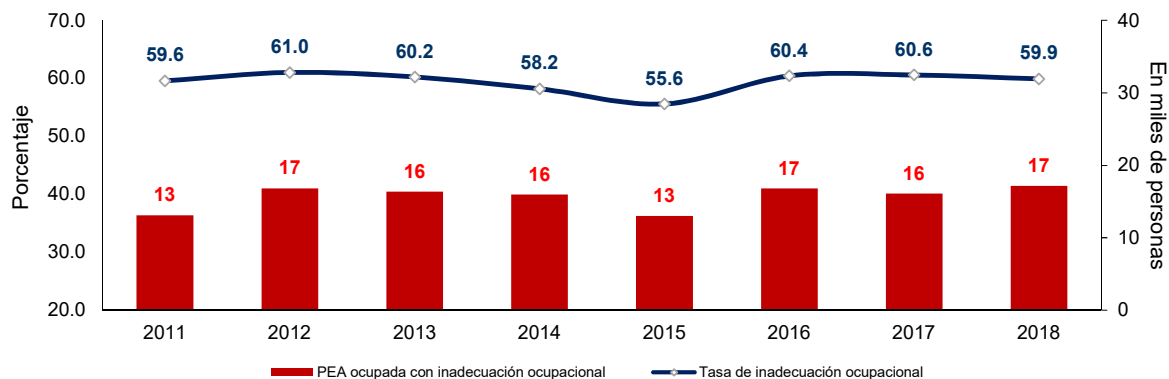
La suma de las partes puede no coincidir con el total debido al redondeo de las cifras.

1/ Cifra referencial para el año 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).

**MOQUEGUA: PEA OCUPADA CON EDUCACIÓN SUPERIOR COMPLETA INADECUADAMENTE OCU  
TASA DE INADECUACIÓN OCUPACIONAL, 2011 - 2018  
(Porcentaje y en miles de personas)**



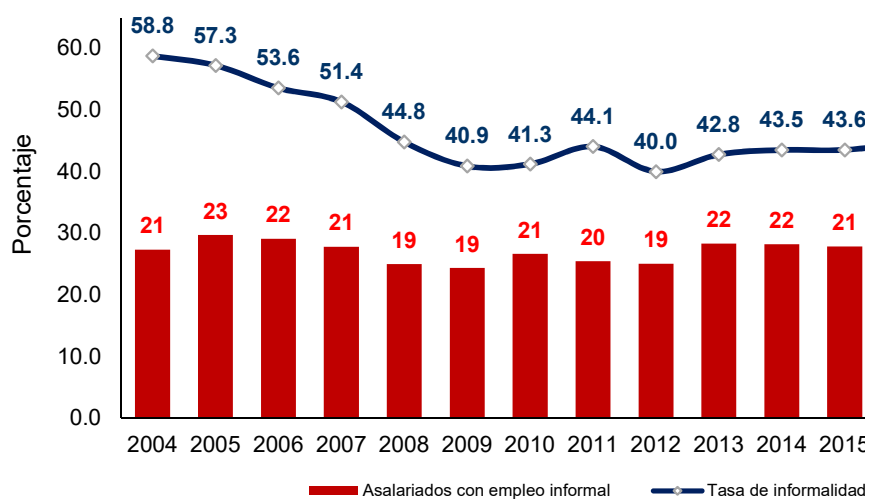
**Nota:** Considera a la PEA ocupada de 18 años a más con educación superior universitaria y superior no universitaria culminada.  
Se excluye a los ocupados de las fuerzas armadas y policiales.

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

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

IPADA Y

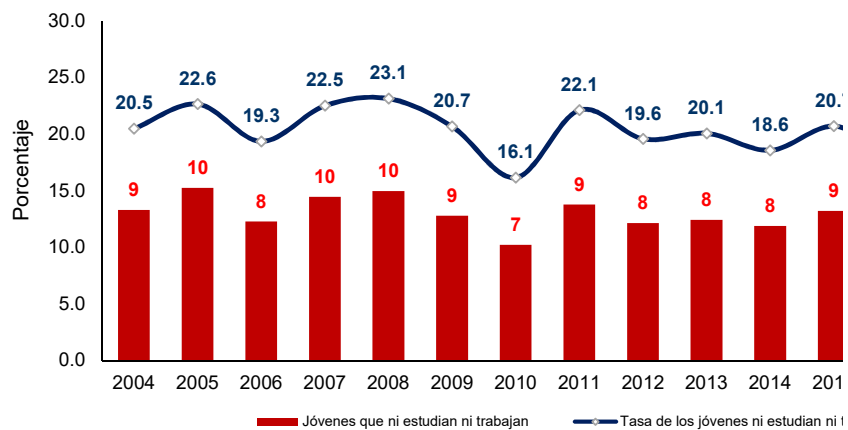
**MOQUEGUA: PEA OCUPADA ASALARIADA CON EMPLEO INFO  
 INFORMALIDAD, 2004 - 2018**  
 (Porcentaje y en miles de personas)



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

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

# **MOQUEGUA: 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 - 2018.

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

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

| Años | Promedio | Mediana |
|------|----------|---------|
| 2004 | 739      | 444     |
| 2005 | 830      | 502     |
| 2006 | 898      | 579     |
| 2007 | 1,135    | 666     |
| 2008 | 1,334    | 790     |
| 2009 | 1,374    | 820     |
| 2010 | 1,541    | 923     |
| 2011 | 1,564    | 964     |
| 2012 | 1,780    | 1,101   |
| 2013 | 1,828    | 1,194   |
| 2014 | 1,824    | 1,261   |
| 2015 | 1,791    | 1,232   |
| 2016 | 1,818    | 1,253   |
| 2017 | 1,690    | 1,242   |
| 2018 | 1,769    | 1,274   |

**Notas:** Bases de datos con proyección de la población en base a los resultados del Censo de Población y Vivienda.  
Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada.  
Se consideran 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).

**MOQUEGUA: 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 | 304       | 385          | 290             | 1,547                 | 739   |
| 2005 | 331       | 437          | 305             | 1,588                 | 830   |
| 2006 | 330       | 341          | 328             | 1,527                 | 898   |
| 2007 | 293       | 303          | 290             | 1,817                 | 1,135 |
| 2008 | 341       | 524          | 290             | 2,039                 | 1,334 |
| 2009 | 340       | 471          | 295             | 2,072                 | 1,374 |
| 2010 | 374       | 580          | 287             | 2,219                 | 1,541 |
| 2011 | 372       | 603          | 304             | 2,255                 | 1,564 |
| 2012 | 400       | 753          | 296             | 2,529                 | 1,780 |
| 2013 | 382       | 723          | 305             | 2,496                 | 1,828 |
| 2014 | 359       | 569          | 327             | 2,481                 | 1,824 |
| 2015 | 374       | 631          | 343             | 2,444                 | 1,791 |
| 2016 | 403       | 892          | 355             | 2,430                 | 1,818 |
| 2017 | 390       | 822          | 361             | 2,275                 | 1,690 |
| 2018 | 405       | 991          | 380             | 2,414                 | 1,769 |

**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 2005, 2008 al 2009, 2014 al 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).

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

| Años | Sector público | Sector privado 1/ |                           |                             |                              | Independiente | Trabajador del hogar 5/ | Total |
|------|----------------|-------------------|---------------------------|-----------------------------|------------------------------|---------------|-------------------------|-------|
|      |                | Total             | 2 a 10<br>trabajadores 2/ | 11 a 100<br>trabajadores 3/ | 101 a más<br>trabajadores 4/ |               |                         |       |
| 2004 | 1,165          | 974               | 836                       | 803                         | 1,685                        | 391           | 395                     | 739   |
| 2005 | 1,064          | 1,014             | 509                       | 934                         | 2,515                        | 551           | 383                     | 830   |
| 2006 | 1,055          | 1,219             | 745                       | 942                         | 2,504                        | 455           | 249                     | 898   |
| 2007 | 1,471          | 1,626             | 602                       | 1,305                       | 4,366                        | 479           | 318                     | 1,135 |
| 2008 | 1,465          | 2,068             | 812                       | 1,622                       | 4,997                        | 562           | 335                     | 1,334 |
| 2009 | 1,565          | 1,152             | 815                       | 1,484                       | 4,850                        | 557           | 640                     | 1,374 |
| 2010 | 1,701          | 2,241             | 941                       | 1,525                       | 5,549                        | 710           | 567                     | 1,541 |
| 2011 | 1,684          | 2,269             | 1,013                     | 1,799                       | 5,402                        | 843           | 548                     | 1,564 |
| 2012 | 1,790          | 2,672             | 1,230                     | 1,622                       | 5,626                        | 930           | 540                     | 1,780 |
| 2013 | 1,887          | 1,118             | 1,161                     | 2,449                       | 5,013                        | 934           | 828                     | 1,828 |
| 2014 | 2,051          | 2,564             | 1,178                     | 2,006                       | 4,987                        | 919           | 944                     | 1,824 |
| 2015 | 1,934          | 1,203             | 1,373                     | 2,026                       | 4,737                        | 1,039         | 976                     | 1,791 |
| 2016 | 2,189          | 2,412             | 1,498                     | 2,443                       | 3,902                        | 1,078         | 847                     | 1,818 |
| 2017 | 2,320          | 2,270             | 1,303                     | 1,303                       | 3,952                        | 934           | 1,066                   | 1,690 |
| 2018 | 2,380          | 2,319             | 1,323                     | 1,985                       | 4,058                        | 973           | 719                     | 1,769 |

**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 2006.

3/ Cifras referenciales para los años 2008 al 2010, 2012, 2013 y 2016.

4/ Cifras referenciales para los años 2007 y 2011.

5/ Cifras referenciales para los años 2006, 2008, 2009, 2011 al 2013, y 2015.

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

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

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

(Soles)

| Años | Profesional, técnico, gerente, administrador y funcionario 1/ | Empleado de oficina 2/ | Vendedor 3/ | Agricultor, ganadero, pescador, minero y cantero 4/ | Artesano y operario 5/ | Obrero, jornalero | Conductor 6/ | Trabajador de los servicios 7/ | Trabajador del hogar 8/ | Total |
|------|---------------------------------------------------------------|------------------------|-------------|-----------------------------------------------------|------------------------|-------------------|--------------|--------------------------------|-------------------------|-------|
| 2004 | 1,668                                                         | 1,058                  | 439         | 492                                                 | 667                    | 570               | 929          | 527                            | 395                     | 739   |
| 2005 | 1,173                                                         | 1,107                  | 575         | 701                                                 | 1,132                  | 597               | 1,138        | 606                            | 383                     | 830   |
| 2006 | 1,350                                                         | 1,116                  | 464         | 879                                                 | 1,012                  | 705               | 1,021        | 878                            | 249                     | 898   |
| 2007 | 1,828                                                         | 1,779                  | 478         | 881                                                 | 1,527                  | 1,246             | 1,326        | 1,163                          | 318                     | 1,135 |
| 2008 | 2,245                                                         | 2,016                  | 564         | 847                                                 | 1,782                  | 1,352             | 1,590        | 1,245                          | 335                     | 1,334 |
| 2009 | 2,189                                                         | 1,887                  | 514         | 721                                                 | 2,097                  | 1,238             | 2,057        | 1,342                          | 640                     | 1,374 |
| 2010 | 2,617                                                         | 2,314                  | 1,007       | 815                                                 | 1,891                  | 1,265             | 2,096        | 1,227                          | 567                     | 1,541 |
| 2011 | 2,398                                                         | 1,875                  | 724         | 932                                                 | 2,249                  | 1,326             | 2,119        | 1,717                          | 548                     | 1,564 |
| 2012 | 2,554                                                         | 2,079                  | 1,037       | 1,104                                               | 2,253                  | 1,599             | 2,655        | 1,956                          | 540                     | 1,780 |
| 2013 | 2,929                                                         | 2,090                  | 1,029       | 1,156                                               | 2,040                  | 1,652             | 2,849        | 1,592                          | 828                     | 1,828 |
| 2014 | 2,762                                                         | 2,023                  | 1,042       | 1,061                                               | 2,459                  | 1,830             | 2,362        | 1,877                          | 944                     | 1,824 |
| 2015 | 2,716                                                         | 2,172                  | 1,299       | 976                                                 | 2,676                  | 1,499             | 2,253        | 1,391                          | 976                     | 1,791 |
| 2016 | 2,620                                                         | 2,175                  | 1,023       | 1,102                                               | 1,960                  | 1,803             | 3,072        | 1,732                          | 847                     | 1,818 |
| 2017 | 2,695                                                         | 2,006                  | 942         | 804                                                 | 2,277                  | 1,650             | 2,061        | 1,813                          | 1,066                   | 1,690 |
| 2018 | 2,993                                                         | 2,172                  | 1,022       | 1,019                                               | 2,031                  | 1,639             | 2,275        | 1,435                          | 719                     | 1,769 |

**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/ Cifras referenciales para los años 2004, 2007, 2008, 2010 y 2012.

2/ Cifras referenciales para los años 2004, 2007, 2008, 2010, 2012 y 2015.

3/ Cifras referenciales para los años 2004, 2005, 2010, 2013 y 2015.

4/ Cifras referenciales para los años 2005 al 2009, y 2013.

5/ Cifras referenciales para los años 2004, 2005, 2007 al 2015.

6/ Cifras referenciales para los años 2004, 2005, 2007 al 2012.

7/ Cifras referenciales para los años 2007 al 2012.

8/ Cifras referenciales para los años 2006, 2008, 2009, 2011 al 2013, y 2015.

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

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

**MOQUEGUA: 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 3/</b> | <b>Total</b> |
|-------------|----------------------------------|----------------------|---------------------|-------------------------------|------------------------------------|--------------|
| 2004        | 753                              | 391                  | 2,339               | 1,165                         | 395                                | 739          |
| 2005        | 1,012                            | 551                  | 1,034               | 1,064                         | 383                                | 830          |
| 2006        | 1,132                            | 455                  | 1,783               | 1,055                         | 249                                | 898          |
| 2007        | 1,715                            | 479                  | 998                 | 1,471                         | 318                                | 1,135        |
| 2008        | 2,104                            | 562                  | 1,762               | 1,465                         | 335                                | 1,334        |
| 2009        | 2,127                            | 557                  | 1,253               | 1,565                         | 640                                | 1,374        |
| 2010        | 2,349                            | 710                  | 1,552               | 1,701                         | 567                                | 1,541        |
| 2011        | 2,356                            | 843                  | 1,785               | 1,684                         | 548                                | 1,564        |
| 2012        | 2,722                            | 930                  | 2,393               | 1,790                         | 540                                | 1,780        |
| 2013        | 2,642                            | 934                  | 2,856               | 1,887                         | 828                                | 1,828        |
| 2014        | 2,606                            | 919                  | 2,248               | 2,051                         | 944                                | 1,824        |
| 2015        | 2,464                            | 1,039                | 2,550               | 1,934                         | 976                                | 1,791        |
| 2016        | 2,239                            | 1,078                | 3,766               | 2,189                         | 847                                | 1,818        |
| 2017        | 2,277                            | 934                  | 2,217               | 2,320                         | 1,066                              | 1,690        |
| 2018        | 2,234                            | 973                  | 3,025               | 2,380                         | 719                                | 1,769        |

**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. Cifras referenciales para los años 2007, 2008, 2010 y 2011.

2/ Cifras referenciales para los años 2004 al 2008, 2013 y 2016.

3/ Cifras referenciales para los años 2006,2008, 2009, 2011 al 2013 y 2015.

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

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

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

| Años | Extractiva 1/ | Industria<br>Manufacturera 2/ | Construcción 3/ | Comercio 4/ | Servicios no<br>personales | Servicios<br>personales 5/ | Hogares 6/ | Total |
|------|---------------|-------------------------------|-----------------|-------------|----------------------------|----------------------------|------------|-------|
| 2007 | 1,385         | 1,161                         | 1,322           | 499         | 1,326                      | 595                        | 318        | 1,135 |
| 2008 | 1,655         | 2,210                         | 1,441           | 720         | 1,313                      | 570                        | 330        | 1,334 |
| 2009 | 1,273         | 3,279                         | 1,511           | 580         | 1,419                      | 612                        | 640        | 1,374 |
| 2010 | 1,319         | 3,829                         | 1,605           | 897         | 1,492                      | 705                        | 567        | 1,541 |
| 2011 | 1,584         | 3,983                         | 1,424           | 816         | 1,559                      | 915                        | 548        | 1,564 |
| 2012 | 1,798         | 4,880                         | 1,805           | 1,044       | 1,604                      | 1,217                      | 540        | 1,780 |
| 2013 | 1,987         | 3,196                         | 2,113           | 1,087       | 1,848                      | 1,154                      | 828        | 1,828 |
| 2014 | 1,855         | 2,684                         | 2,436           | 1,119       | 1,992                      | 1,081                      | 944        | 1,824 |
| 2015 | 1,674         | 2,711                         | 2,234           | 1,411       | 1,853                      | 1,132                      | 976        | 1,791 |
| 2016 | 1,786         | 1,716                         | 2,491           | 1,076       | 2,120                      | 1,321                      | 847        | 1,818 |
| 2017 | 1,542         | 1,747                         | 2,054           | 1,015       | 2,088                      | 1,273                      | 1,066      | 1,690 |
| 2018 | 1,684         | 2,759                         | 2,047           | 1,168       | 2,032                      | 1,108                      | 719        | 1,769 |

**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. Cifras referenciales para todos los años a excepción del 2014 y 2016.

2/ Cifras referenciales para todos los años a excepción del 2007 y 2016.

3/ Cifras referenciales para los años 2007 y 2012.

4/ Cifras referenciales para los años 2010 y 2015.

5/ Cifra referencial para el año 2012.

6/ Cifras referenciales para los años 2008 al 2009, 2011 al 2013, y 2015.

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

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

**MOQUEGUA: 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 2/ | 65 a más años 3/ | Total |
|------|------------|--------------|--------------|-----------------|------------------|-------|
| 2004 | 275        | 447          | 919          | 822             | 417              | 739   |
| 2005 | 357        | 501          | 934          | 1,084           | 468              | 830   |
| 2006 | 242        | 642          | 854          | 1,278           | 412              | 898   |
| 2007 | 115        | 708          | 1,128        | 1,575           | 751              | 1,135 |
| 2008 | 62         | 880          | 1,338        | 1,820           | 740              | 1,334 |
| 2009 | 231        | 772          | 1,430        | 1,896           | 886              | 1,374 |
| 2010 | 235        | 886          | 1,636        | 2,140           | 797              | 1,541 |
| 2011 | 98         | 996          | 1,673        | 1,956           | 1,047            | 1,564 |
| 2012 | 340        | 1,129        | 1,875        | 2,347           | 687              | 1,780 |
| 2013 | 98         | 1,359        | 2,114        | 2,004           | 922              | 1,828 |
| 2014 | 60         | 1,337        | 1,936        | 2,167           | 1,069            | 1,824 |
| 2015 | 303        | 1,351        | 2,008        | 2,072           | 780              | 1,791 |
| 2016 | 511        | 1,530        | 2,056        | 1,892           | 982              | 1,818 |
| 2017 | 281        | 1,343        | 1,842        | 1,796           | 1,203            | 1,690 |
| 2018 | 82         | 1,253        | 2,094        | 1,765           | 1,286            | 1,769 |

**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 para los años 2006, 2007, 2008 y 2010.

3/ Cifras referenciales para todos los años a excepción del 2015.

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

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

**MOQUEGUA: 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 3/ | Superior<br>Universitaria 4/ | Total |
|------|--------------|-------------|------------|---------------------------------|------------------------------|-------|
| 2004 | 202          | 449         | 657        | 749                             | 1,664                        | 739   |
| 2005 | 275          | 510         | 844        | 944                             | 1,253                        | 830   |
| 2006 | 263          | 464         | 894        | 1,064                           | 1,424                        | 898   |
| 2007 | 302          | 600         | 1,039      | 1,444                           | 2,000                        | 1,135 |
| 2008 | 276          | 825         | 1,138      | 1,800                           | 2,164                        | 1,334 |
| 2009 | 396          | 578         | 1,255      | 1,744                           | 2,077                        | 1,374 |
| 2010 | 419          | 1,232       | 1,058      | 1,742                           | 2,893                        | 1,541 |
| 2011 | 423          | 854         | 1,433      | 1,726                           | 2,598                        | 1,564 |
| 2012 | 613          | 1,119       | 1,426      | 2,319                           | 2,554                        | 1,780 |
| 2013 | 342          | 841         | 1,640      | 2,333                           | 2,781                        | 1,828 |
| 2014 | 452          | 875         | 1,720      | 2,260                           | 2,520                        | 1,824 |
| 2015 | 498          | 960         | 1,698      | 2,328                           | 2,417                        | 1,791 |
| 2016 | 462          | 1,035       | 1,690      | 2,195                           | 2,339                        | 1,818 |
| 2017 | 490          | 967         | 1,496      | 1,953                           | 2,445                        | 1,690 |
| 2018 | 548          | 855         | 1,609      | 1,956                           | 2,650                        | 1,769 |

**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 a excepción del 2004.

2/ Se incluye la educación básica especial para el año 2017. Cifras referenciales para el 2008, 2010, 2012 y 2016.

3/ Cifras referenciales a excepción del 2008.

4/ Cifras referenciales para el 2004, 2008, 2010 y 2013.

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

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

| <b>Años</b> | <b>Hasta 14 horas<br/>1/</b> | <b>De 15 a 34 horas<br/>2/</b> | <b>De 35 a 47 horas<br/>3/</b> | <b>48 horas<br/>4/</b> | <b>De 49 a 59 horas<br/>5/</b> | <b>60 a más horas</b> | <b>Total</b> |
|-------------|------------------------------|--------------------------------|--------------------------------|------------------------|--------------------------------|-----------------------|--------------|
| 2004        | 256                          | 457                            | 830                            | 1,132                  | 1,002                          | 680                   | 739          |
| 2005        | 317                          | 446                            | 797                            | 1,737                  | 903                            | 812                   | 830          |
| 2006        | 289                          | 475                            | 677                            | 1,515                  | 1,139                          | 992                   | 898          |
| 2007        | 359                          | 546                            | 1,016                          | 2,617                  | 1,139                          | 1,197                 | 1,135        |
| 2008        | 251                          | 538                            | 930                            | 2,757                  | 1,572                          | 1,380                 | 1,334        |
| 2009        | 200                          | 578                            | 1,077                          | 3,127                  | 1,579                          | 1,359                 | 1,374        |
| 2010        | 222                          | 643                            | 1,281                          | 3,229                  | 1,912                          | 1,359                 | 1,541        |
| 2011        | 227                          | 778                            | 1,211                          | 3,190                  | 1,753                          | 1,688                 | 1,564        |
| 2012        | 341                          | 859                            | 1,366                          | 3,800                  | 1,724                          | 2,341                 | 1,780        |
| 2013        | 372                          | 863                            | 1,557                          | 2,932                  | 1,994                          | 2,395                 | 1,828        |
| 2014        | 371                          | 916                            | 1,553                          | 3,432                  | 1,969                          | 2,170                 | 1,824        |
| 2015        | 409                          | 891                            | 1,735                          | 3,028                  | 1,673                          | 2,261                 | 1,791        |
| 2016        | 545                          | 1,048                          | 1,564                          | 2,780                  | 1,957                          | 2,352                 | 1,818        |
| 2017        | 402                          | 865                            | 1,589                          | 2,654                  | 1,909                          | 2,049                 | 1,690        |
| 2018        | 508                          | 967                            | 1,678                          | 2,627                  | 1,829                          | 2,312                 | 1,769        |

**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 a excepción del 2017.

2/ Cifra referencial para el año 2016.

3/ Cifra referencial para el año 2004.

4/ Cifras referenciales para los años 2004 al 2012, y 2014.

5/ Cifras referenciales para los años 2004 al 2006, 2008, 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).

**MOQUEGUA: INGRESO LABORAL PROMEDIO MENSUAL DE LOS  
ASALARIADOS POR CONDICIÓN DE INFORMALIDAD, 2004 - 2018**

**(Soles)**

| <b>Años</b> | <b>Total</b> | <b>Empleo informal</b> | <b>Empleo formal</b> |
|-------------|--------------|------------------------|----------------------|
| 2004        | 869          | 461                    | 1,429                |
| 2005        | 1,028        | 487                    | 1,750                |
| 2006        | 1,103        | 518                    | 1,771                |
| 2007        | 1,625        | 721                    | 2,574                |
| 2008        | 1,835        | 677                    | 2,772                |
| 2009        | 1,910        | 718                    | 2,725                |
| 2010        | 2,072        | 772                    | 2,985                |
| 2011        | 2,100        | 866                    | 3,072                |
| 2012        | 2,351        | 892                    | 3,321                |
| 2013        | 2,346        | 1,124                  | 3,261                |
| 2014        | 2,406        | 1,178                  | 3,353                |
| 2015        | 2,288        | 1,097                  | 3,204                |
| 2016        | 2,221        | 1,190                  | 3,052                |
| 2017        | 2,291        | 1,279                  | 3,148                |
| 2018        | 2,281        | 1,132                  | 3,095                |

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

Para el cálculo de los ingresos se excluye a los Trabajadores Familiares No Remunerados y a la PEA ocupada sin ingreso. 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 MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2008 - NOVIEMBRE 2019**  
**(Año base octubre 2010=100)**

| AÑO Y MES |      | Moquegua |               |                         |          |                           |              |
|-----------|------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           |      | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2008      | ENE. | 38.2     | 68.1          | 111.1                   | 61.7     | -                         | 29.2         |
|           | FEB. | 47.4     | 77.8          | 119.3                   | 60.0     | -                         | 38.6         |
|           | MAR. | 57.5     | 74.7          | 119.3                   | 63.3     | -                         | 51.0         |
|           | ABR. | 79.9     | 90.1          | 107.0                   | 63.3     | -                         | 77.8         |
|           | MAY. | 82.3     | 90.1          | 107.0                   | 60.0     | -                         | 81.1         |
|           | JUN. | 82.8     | 82.9          | 107.0                   | 60.0     | -                         | 82.8         |
|           | JUL. | 85.1     | 83.9          | 107.0                   | 58.3     | 188.7                     | 85.8         |
|           | AGO. | 60.7     | 90.1          | 131.7                   | 63.3     | 188.7                     | 51.8         |
|           | SET. | 85.0     | 98.2          | 152.3                   | 65.0     | 164.1                     | 81.7         |
|           | OCT. | 88.8     | 99.4          | 152.3                   | 66.7     | 164.1                     | 86.2         |
|           | NOV. | 90.8     | 109.7         | 152.3                   | 68.3     | 155.9                     | 87.4         |
|           | DIC. | 92.0     | 109.7         | 152.3                   | 76.7     | 155.9                     | 88.3         |
| 2009      | ENE. | 52.2     | 110.8         | 131.7                   | 78.3     | 147.7                     | 38.2         |
|           | FEB. | 55.8     | 97.1          | 131.7                   | 86.7     | 106.7                     | 44.6         |
|           | MAR. | 69.0     | 102.8         | 139.9                   | 85.0     | 106.7                     | 60.5         |
|           | ABR. | 86.6     | 112.0         | 111.1                   | 81.7     | 98.5                      | 84.4         |
|           | MAY. | 96.4     | 117.7         | 107.0                   | 80.0     | 106.7                     | 96.7         |
|           | JUN. | 102.4    | 115.4         | 107.0                   | 83.3     | 106.7                     | 104.7        |
|           | JUL. | 106.6    | 137.1         | 107.0                   | 86.7     | 106.7                     | 106.7        |
|           | AGO. | 103.1    | 137.1         | 119.3                   | 88.3     | 106.7                     | 101.4        |
|           | SET. | 80.5     | 135.9         | 115.2                   | 86.7     | 106.7                     | 71.2         |
|           | OCT. | 108.3    | 133.7         | 115.2                   | 90.0     | 99.6                      | 109.4        |
|           | NOV. | 108.2    | 132.5         | 115.2                   | 93.3     | 78.2                      | 110.0        |
|           | DIC. | 106.7    | 131.4         | 111.1                   | 90.0     | 71.1                      | 109.0        |
| 2010      | ENE. | 98.5     | 135.9         | 108.3                   | 90.0     | 73.3                      | 96.7         |
|           | FEB. | 71.9     | 121.1         | 108.3                   | 92.9     | 71.1                      | 60.8         |
|           | MAR. | 84.8     | 125.7         | 105.6                   | 91.4     | 104.4                     | 75.8         |
|           | ABR. | 84.5     | 126.8         | 102.8                   | 90.0     | 95.6                      | 76.3         |
|           | MAY. | 105.1    | 149.7         | 100.0                   | 87.1     | 93.3                      | 102.2        |
|           | JUN. | 103.2    | 125.7         | 102.8                   | 90.0     | 93.3                      | 102.4        |
|           | JUL. | 101.8    | 97.1          | 100.0                   | 91.4     | 95.1                      | 104.3        |
|           | AGO. | 102.0    | 98.2          | 100.0                   | 92.9     | 93.3                      | 104.5        |
|           | SET. | 70.6     | 98.2          | 100.0                   | 100.0    | 102.2                     | 58.2         |
|           | OCT. | 100.0    | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
|           | NOV. | 101.1    | 90.4          | 102.8                   | 95.7     | 104.4                     | 103.4        |
|           | DIC. | 103.0    | 91.2          | 116.7                   | 97.1     | 133.3                     | 102.9        |
| 2011      | ENE. | 57.7     | 87.7          | 116.7                   | 100.0    | 126.7                     | 39.7         |
|           | FEB. | 66.3     | 89.5          | 120.0                   | 97.1     | 133.3                     | 51.1         |
|           | MAR. | 87.0     | 98.2          | 120.0                   | 92.3     | 140.0                     | 79.7         |
|           | ABR. | 88.7     | 100.9         | 126.7                   | 94.7     | 173.3                     | 78.5         |
|           | MAY. | 106.3    | 104.4         | 126.7                   | 93.3     | 140.0                     | 105.6        |
|           | JUN. | 104.0    | 95.6          | 126.7                   | 90.4     | 126.7                     | 105.1        |
|           | JUL. | 104.7    | 95.6          | 130.0                   | 90.4     | 128.9                     | 105.8        |
|           | AGO. | 103.5    | 93.9          | 146.7                   | 86.1     | 131.1                     | 104.0        |
|           | SET. | 80.8     | 86.0          | 140.0                   | 86.1     | 113.3                     | 74.7         |
|           | OCT. | 108.5    | 85.1          | 133.3                   | 90.4     | 125.4                     | 114.1        |
|           | NOV. | 109.1    | 84.2          | 133.3                   | 93.3     | 130.0                     | 114.5        |
|           | DIC. | 109.8    | 83.3          | 133.3                   | 94.7     | 126.9                     | 115.8        |
| 2012      | ENE. | 63.8     | 81.6          | 153.3                   | 97.6     | 131.5                     | 46.2         |
|           | FEB. | 75.0     | 83.3          | 143.3                   | 100.5    | 117.9                     | 64.1         |
|           | MAR. | 90.0     | 83.3          | 136.7                   | 104.8    | 125.4                     | 85.0         |
|           | ABR. | 91.8     | 82.5          | 133.3                   | 96.2     | 130.0                     | 88.5         |
|           | MAY. | 108.1    | 81.6          | 133.3                   | 97.6     | 125.0                     | 113.0        |
|           | JUN. | 106.5    | 76.3          | 130.0                   | 104.8    | 110.0                     | 112.5        |

**CIUDAD DE MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2008 - NOVIEMBRE 2019**  
(Año base octubre 2010=100)

| AÑO Y MES | Moquegua |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2013 JUL. | 112.8    | 78.9          | 133.3                   | 101.9    | 106.4                     | 122.2        |
| AGO.      | 113.3    | 79.8          | 150.0                   | 104.8    | 106.4                     | 121.7        |
| SET.      | 83.4     | 81.6          | 150.0                   | 101.9    | 110.0                     | 76.8         |
| OCT.      | 108.3    | 86.8          | 150.0                   | 103.3    | 110.0                     | 112.6        |
| NOV.      | 111.8    | 86.8          | 146.7                   | 103.3    | 117.1                     | 117.0        |
| DIC.      | 115.1    | 88.6          | 146.7                   | 103.3    | 117.1                     | 121.7        |
| ENE.      | 106.3    | 91.2          | 140.0                   | 104.8    | 113.5                     | 108.7        |
| FEB.      | 78.3     | 92.1          | 130.0                   | 103.3    | 127.7                     | 65.6         |
| MAR.      | 101.1    | 93.0          | 126.7                   | 104.8    | 113.5                     | 101.1        |
| ABR.      | 104.5    | 96.5          | 140.0                   | 109.2    | 127.7                     | 102.5        |
| MAY.      | 133.3    | 96.5          | 140.0                   | 106.2    | 120.6                     | 146.5        |
| JUN.      | 137.1    | 87.7          | 160.0                   | 106.2    | 127.7                     | 151.8        |
| JUL.      | 139.0    | 89.5          | 186.7                   | 106.2    | 113.5                     | 154.9        |
| AGO.      | 89.6     | 89.5          | 170.0                   | 99.0     | 113.5                     | 83.2         |
| SET.      | 92.1     | 93.9          | 173.3                   | 99.0     | 117.1                     | 85.4         |
| OCT.      | 138.9    | 93.0          | 170.0                   | 100.4    | 117.1                     | 155.1        |
| NOV.      | 141.4    | 92.1          | 173.3                   | 97.5     | 110.0                     | 160.0        |
| DIC.      | 142.1    | 92.1          | 173.3                   | 99.0     | 110.0                     | 160.9        |
| 2014 ENE. | 73.3     | 92.1          | 173.3                   | 96.1     | 106.4                     | 59.6         |
| FEB.      | 92.6     | 90.4          | 153.3                   | 96.1     | 106.4                     | 89.7         |
| MAR.      | 106.1    | 91.2          | 153.3                   | 96.1     | 110.0                     | 109.1        |
| ABR.      | 108.0    | 92.1          | 166.7                   | 97.5     | 102.9                     | 111.9        |
| MAY.      | 139.9    | 93.9          | 166.7                   | 88.8     | 99.3                      | 160.4        |
| JUN.      | 141.8    | 97.4          | 156.7                   | 96.1     | 81.6                      | 164.5        |
| JUL.      | 141.2    | 94.7          | 143.3                   | 93.6     | 78.0                      | 165.6        |
| AGO.      | 82.7     | 94.7          | 143.3                   | 92.4     | 81.6                      | 77.5         |
| SET.      | 132.3    | 94.7          | 143.3                   | 92.4     | 110.0                     | 148.2        |
| OCT.      | 139.0    | 93.0          | 143.3                   | 93.9     | 110.0                     | 158.3        |
| NOV.      | 140.8    | 97.4          | 143.3                   | 92.4     | 110.0                     | 160.3        |
| DIC.      | 140.9    | 100.0         | 143.3                   | 98.4     | 113.5                     | 158.9        |
| 2015 ENE. | 72.5     | 103.5         | 156.7                   | 98.4     | 85.1                      | 59.9         |
| FEB.      | 102.1    | 101.8         | 163.3                   | 98.4     | 99.3                      | 102.3        |
| MAR.      | 114.8    | 104.4         | 166.7                   | 105.8    | 124.2                     | 116.4        |
| ABR.      | 119.3    | 105.3         | 166.7                   | 104.4    | 202.2                     | 112.8        |
| MAY.      | 160.2    | 108.8         | 166.7                   | 95.4     | -                         | 164.7        |
| JUN.      | 162.8    | 109.6         | 173.3                   | 96.9     | -                         | 167.4        |
| JUL.      | 163.5    | 105.3         | 170.0                   | 96.9     | -                         | 169.1        |
| AGO.      | 98.6     | 105.3         | 166.7                   | 88.0     | 144.4                     | 84.1         |
| SET.      | 161.7    | 106.1         | 160.0                   | 92.4     | 155.6                     | 166.6        |
| OCT.      | 162.5    | 104.4         | 160.0                   | 92.4     | 171.1                     | 166.9        |
| NOV.      | 162.6    | 102.6         | 167.8                   | 83.5     | 173.3                     | 167.9        |
| DIC.      | 164.2    | 101.8         | 160.0                   | 77.8     | 173.3                     | 171.3        |
| 2016 ENE. | 82.3     | 100.9         | 160.0                   | 85.4     | 173.3                     | 59.7         |
| FEB.      | 114.4    | 100.9         | 160.0                   | 70.2     | 175.6                     | 105.6        |
| MAR.      | 125.5    | 92.1          | 160.0                   | 64.5     | 180.0                     | 123.0        |
| ABR.      | 125.2    | 92.1          | 171.7                   | 62.1     | 182.2                     | 122.5        |
| MAY.      | 157.8    | 91.2          | 171.7                   | 76.5     | 171.1                     | 165.3        |
| JUN.      | 160.9    | 90.4          | 183.4                   | 74.1     | 182.2                     | 169.2        |
| JUL.      | 157.6    | 86.0          | 171.7                   | 69.3     | 177.8                     | 167.3        |
| AGO.      | 101.9    | 85.1          | 152.2                   | 69.3     | 177.8                     | 90.5         |
| SET.      | 136.0    | 85.1          | 148.3                   | 66.9     | 175.6                     | 139.0        |
| OCT.      | 136.0    | 84.2          | 140.5                   | 66.9     | 175.6                     | 139.5        |
| NOV.      | 139.3    | 85.1          | 136.6                   | 59.7     | 175.6                     | 146.0        |
| DIC.      | 143.7    | 86.0          | 128.8                   | 71.7     | 177.8                     | 148.9        |

**CIUDAD DE MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2008 - NOVIEMBRE 2019**  
(Año base octubre 2010=100)

| AÑO Y MES | Moquegua |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2017 ENE. | 81.9     | 87.7          | 128.8                   | 62.1     | 168.9                     | 65.6         |
| FEB.      | 106.8    | 86.8          | 128.8                   | 62.1     | 164.4                     | 101.0        |
| MAR.      | 121.4    | 90.4          | 124.9                   | 71.7     | 160.0                     | 118.8        |
| ABR.      | 123.8    | 91.2          | 142.7                   | 76.5     | 182.2                     | 118.3        |
| MAY.      | 143.5    | 92.1          | 142.7                   | 76.5     | 188.9                     | 145.4        |
| JUN.      | 147.6    | 88.6          | 142.7                   | 81.2     | 175.6                     | 151.4        |
| JUL.      | 145.5    | 90.4          | 133.8                   | 86.0     | 191.1                     | 146.3        |
| AGO.      | 110.6    | 88.6          | 116.0                   | 86.0     | 195.6                     | 98.1         |
| SET.      | 113.5    | 88.6          | 116.0                   | 86.0     | 195.6                     | 102.1        |
| OCT.      | 138.2    | 88.6          | 116.0                   | 81.2     | 195.6                     | 138.2        |
| NOV.      | 147.1    | 89.5          | 116.0                   | 86.0     | 195.6                     | 149.4        |
| DIC.      | 153.5    | 90.4          | 116.0                   | 81.2     | 195.6                     | 159.5        |
| 2018 ENE. | 98.3     | 92.1          | 124.9                   | 88.4     | 153.3                     | 82.0         |
| FEB.      | 104.3    | 92.1          | 124.9                   | 88.4     | 148.9                     | 90.8         |
| MAR.      | 131.8    | 93.0          | 124.9                   | 86.0     | 168.9                     | 128.6        |
| ABR.      | 106.7    | 93.0          | 151.6                   | 90.8     | 166.7                     | 90.7         |
| MAY.      | 152.0    | 94.7          | 151.6                   | 88.4     | 175.6                     | 153.6        |
| JUN.      | 151.1    | 105.3         | 151.6                   | 81.2     | 162.2                     | 153.1        |
| JUL.      | 154.4    | 109.6         | 151.6                   | 90.8     | 173.3                     | 153.9        |
| AGO.      | 110.4    | 111.4         | 151.6                   | 91.1     | 177.8                     | 87.4         |
| SET.      | 124.3    | 111.4         | 151.6                   | 90.0     | 166.6                     | 108.7        |
| OCT.      | 156.8    | 114.0         | 151.6                   | 90.3     | 166.6                     | 155.2        |
| NOV.      | 159.3    | 129.8         | 151.6                   | 90.3     | 166.6                     | 156.3        |
| DIC.      | 161.8    | 137.7         | 151.6                   | 93.1     | 159.8                     | 157.9        |
| 2019 ENE. | 91.6     | 137.7         | 142.7                   | 90.3     | 177.8                     | 57.1         |
| FEB.      | 117.9    | 184.2         | 142.7                   | 89.2     | 166.6                     | 88.4         |
| MAR.      | 148.4    | 196.5         | 160.6                   | 91.2     | 166.6                     | 128.3        |
| ABR.      | 122.6    | 156.1         | 160.6                   | 94.0     | 166.6                     | 97.2         |
| MAY.      | 159.7    | 161.4         | 160.6                   | 89.6     | 171.1                     | 150.4        |
| JUN.      | 166.7    | 169.3         | 151.6                   | 93.2     | 171.1                     | 158.2        |
| JUL.      | 170.6    | 176.3         | 151.6                   | 94.0     | 164.3                     | 162.9        |
| AGO.      | 118.1    | 183.3         | 142.7                   | 96.5     | 164.3                     | 86.5         |
| SET.      | 128.3    | 189.5         | 142.7                   | 92.0     | 155.3                     | 102.1        |
| OCT.      | 163.9    | 200.0         | 142.7                   | 97.3     | 144.1                     | 150.0        |
| NOV. P/   | 171.2    | 208.8         | 142.7                   | 102.6    | 144.1                     | 157.1        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2008.

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 MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO  
2008 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Moquegua |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2008 ENE. | 61.3     | 190.9         | 111.1                   | 61.7     | -                         | 50.5         |
| FEB.      | 60.7     | 218.2         | 119.3                   | 60.0     | -                         | 48.3         |
| MAR.      | 85.4     | 190.9         | 119.3                   | 63.3     | -                         | 81.3         |
| ABR.      | 92.9     | 227.3         | 107.0                   | 63.3     | -                         | 91.3         |
| MAY.      | 93.8     | 227.3         | 107.0                   | 60.0     | -                         | 93.5         |
| JUN.      | 92.9     | 209.1         | 107.0                   | 60.0     | -                         | 93.1         |
| JUL.      | 94.2     | 181.8         | 107.0                   | 58.3     | 188.7                     | 96.6         |
| AGO.      | 95.7     | 190.9         | 131.7                   | 63.3     | 188.7                     | 95.0         |
| SET.      | 97.3     | 172.7         | 152.3                   | 65.0     | 164.1                     | 96.9         |
| OCT.      | 98.1     | 181.8         | 152.3                   | 66.7     | 164.1                     | 97.3         |
| NOV.      | 98.1     | 190.9         | 152.3                   | 68.3     | 155.9                     | 96.9         |
| DIC.      | 99.6     | 163.6         | 152.3                   | 76.7     | 155.9                     | 98.4         |
| 2009 ENE. | 80.4     | 172.7         | 131.7                   | 78.3     | 147.7                     | 72.5         |
| FEB.      | 79.6     | 172.7         | 131.7                   | 86.7     | 106.7                     | 71.4         |
| MAR.      | 105.4    | 190.9         | 139.9                   | 85.0     | 106.7                     | 107.0        |
| ABR.      | 111.0    | 227.3         | 111.1                   | 81.7     | 98.5                      | 118.0        |
| MAY.      | 109.9    | 200.0         | 107.0                   | 80.0     | 106.7                     | 118.0        |
| JUN.      | 108.5    | 190.9         | 107.0                   | 83.3     | 106.7                     | 115.4        |
| JUL.      | 108.8    | 127.3         | 107.0                   | 86.7     | 106.7                     | 118.0        |
| AGO.      | 111.0    | 127.3         | 119.3                   | 88.3     | 106.7                     | 119.6        |
| SET.      | 112.9    | 136.4         | 115.2                   | 86.7     | 106.7                     | 123.0        |
| OCT.      | 112.1    | 127.3         | 115.2                   | 90.0     | 99.6                      | 122.2        |
| NOV.      | 111.8    | 109.1         | 115.2                   | 93.3     | 78.2                      | 124.3        |
| DIC.      | 106.9    | 109.1         | 111.1                   | 90.0     | 71.1                      | 118.8        |
| 2010 ENE. | 89.3     | 118.2         | 108.3                   | 90.0     | 73.3                      | 87.7         |
| FEB.      | 91.6     | 136.4         | 108.3                   | 92.9     | 71.1                      | 90.5         |
| MAR.      | 101.3    | 136.4         | 105.6                   | 91.4     | 104.4                     | 101.2        |
| ABR.      | 99.3     | 127.3         | 102.8                   | 90.0     | 95.6                      | 100.8        |
| MAY.      | 98.1     | 136.4         | 100.0                   | 87.1     | 93.3                      | 100.0        |
| JUN.      | 96.6     | 136.4         | 102.8                   | 90.0     | 93.3                      | 96.3         |
| JUL.      | 100.0    | 145.5         | 100.0                   | 91.4     | 95.1                      | 101.2        |
| AGO.      | 99.5     | 118.2         | 100.0                   | 92.9     | 93.3                      | 101.7        |
| SET.      | 100.7    | 100.0         | 100.0                   | 100.0    | 102.2                     | 100.8        |
| OCT.      | 100.0    | 100.0         | 100.0                   | 100.0    | 100.0                     | 100.0        |
| NOV.      | 101.0    | 100.0         | 102.8                   | 95.7     | 104.4                     | 101.7        |
| DIC.      | 104.2    | 109.1         | 116.7                   | 97.1     | 133.3                     | 98.8         |
| 2011 ENE. | 96.4     | 81.8          | 116.7                   | 100.0    | 126.7                     | 87.6         |
| FEB.      | 98.7     | 81.8          | 120.0                   | 97.1     | 133.3                     | 90.5         |
| MAR.      | 101.6    | 100.0         | 120.0                   | 92.3     | 140.0                     | 95.1         |
| ABR.      | 109.2    | 109.1         | 126.7                   | 94.7     | 173.3                     | 99.6         |
| MAY.      | 104.6    | 145.5         | 126.7                   | 93.3     | 140.0                     | 97.1         |
| JUN.      | 101.6    | 145.5         | 126.7                   | 90.4     | 126.7                     | 95.5         |
| JUL.      | 103.9    | 154.5         | 130.0                   | 90.4     | 128.9                     | 98.0         |
| AGO.      | 101.9    | 90.9          | 146.7                   | 86.1     | 131.1                     | 96.3         |
| SET.      | 102.1    | 136.4         | 140.0                   | 86.1     | 113.3                     | 98.8         |
| OCT.      | 106.6    | 136.4         | 133.3                   | 90.4     | 125.4                     | 102.9        |
| NOV.      | 108.4    | 136.4         | 133.3                   | 93.3     | 130.0                     | 103.8        |
| DIC.      | 109.8    | 145.5         | 133.3                   | 94.7     | 126.9                     | 106.5        |
| 2012 ENE. | 107.4    | 145.5         | 153.3                   | 97.6     | 131.5                     | 97.1         |
| FEB.      | 107.4    | 163.6         | 143.3                   | 100.5    | 117.9                     | 100.7        |
| MAR.      | 114.4    | 172.7         | 136.7                   | 104.8    | 125.4                     | 110.9        |
| ABR.      | 116.5    | 172.7         | 133.3                   | 96.2     | 130.0                     | 117.3        |
| MAY.      | 112.2    | 163.6         | 133.3                   | 97.6     | 125.0                     | 110.0        |
| JUN.      | 108.3    | 109.1         | 130.0                   | 104.8    | 110.0                     | 108.8        |
| JUL.      | 108.6    | 109.1         | 133.3                   | 101.9    | 106.4                     | 111.8        |
| AGO.      | 109.5    | 109.1         | 150.0                   | 104.8    | 106.4                     | 109.1        |
| SET.      | 112.7    | 109.1         | 150.0                   | 101.9    | 110.0                     | 116.0        |
| OCT.      | 110.1    | 136.4         | 150.0                   | 103.3    | 110.0                     | 107.0        |
| NOV.      | 112.1    | 136.4         | 146.7                   | 103.3    | 117.1                     | 108.4        |
| DIC.      | 112.1    | 136.4         | 146.7                   | 103.3    | 117.1                     | 108.4        |
| 2013 ENE. | 106.0    | 145.5         | 140.0                   | 104.8    | 113.5                     | 95.9         |
| FEB.      | 107.2    | 145.5         | 130.0                   | 103.3    | 127.7                     | 93.0         |
| MAR.      | 111.8    | 154.5         | 126.7                   | 104.8    | 113.5                     | 111.8        |
| ABR.      | 119.1    | 181.8         | 140.0                   | 109.2    | 127.7                     | 113.9        |
| MAY.      | 113.6    | 172.7         | 140.0                   | 106.2    | 120.6                     | 106.9        |
| JUN.      | 113.0    | 90.9          | 160.0                   | 106.2    | 127.7                     | 103.4        |
| JUL.      | 114.2    | 109.1         | 186.7                   | 106.2    | 113.5                     | 107.9        |
| AGO.      | 110.9    | 109.1         | 170.0                   | 99.0     | 113.5                     | 107.1        |
| SET.      | 116.0    | 154.5         | 173.3                   | 99.0     | 117.1                     | 113.0        |
| OCT.      | 117.2    | 145.5         | 170.0                   | 100.4    | 117.1                     | 116.7        |
| NOV.      | 113.0    | 145.5         | 173.3                   | 97.5     | 110.0                     | 111.6        |
| DIC.      | 113.9    | 145.5         | 173.3                   | 99.0     | 110.0                     | 113.0        |
| 2014 ENE. | 105.5    | 154.5         | 173.3                   | 96.1     | 106.4                     | 95.3         |
| FEB.      | 102.2    | 154.5         | 153.3                   | 96.1     | 106.4                     | 91.6         |
| MAR.      | 109.7    | 163.6         | 153.3                   | 96.1     | 110.0                     | 107.1        |
| ABR.      | 110.9    | 163.6         | 166.7                   | 97.5     | 102.9                     | 110.8        |
| MAY.      | 106.7    | 163.6         | 166.7                   | 88.8     | 99.3                      | 107.1        |
| JUN.      | 103.3    | 163.6         | 156.7                   | 96.1     | 81.6                      | 107.1        |
| JUL.      | 101.2    | 118.2         | 143.3                   | 93.6     | 78.0                      | 112.2        |
| AGO.      | 102.1    | 118.2         | 143.3                   | 92.4     | 81.6                      | 112.9        |
| SET.      | 109.0    | 118.2         | 143.3                   | 92.4     | 110.0                     | 112.9        |

**CIUDAD DE MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 10 A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO  
2008 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Moquegua |               |                         |          |                           |              |
|-----------|----------|---------------|-------------------------|----------|---------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. | Servicios 2/ |
| 2015      |          |               |                         |          |                           |              |
| OCT.      | 108.4    | 118.2         | 143.3                   | 93.9     | 110.0                     | 110.7        |
| NOV.      | 107.5    | 136.4         | 143.3                   | 92.4     | 110.0                     | 107.8        |
| DIC.      | 110.8    | 136.4         | 143.3                   | 98.4     | 113.5                     | 110.7        |
| ENE.      | 100.7    | 163.6         | 156.7                   | 98.4     | 85.1                      | 98.3         |
| FEB.      | 104.9    | 163.6         | 163.3                   | 98.4     | 99.3                      | 98.3         |
| MAR.      | 119.8    | 163.6         | 166.7                   | 105.8    | 124.2                     | 115.1        |
| ABR.      | 140.0    | 163.6         | 166.7                   | 104.4    | 202.2                     | 117.3        |
| MAY.      | 140.0    | 154.5         | 166.7                   | 95.4     | -                         | 122.4        |
| JUN.      | 133.0    | 154.5         | 173.3                   | 96.9     | -                         | 109.3        |
| JUL.      | 134.4    | 109.1         | 170.0                   | 96.9     | -                         | 115.8        |
| AGO.      | 131.1    | 118.2         | 166.7                   | 88.0     | -                         | 115.1        |
| SET.      | 133.0    | 136.4         | 160.0                   | 92.4     | -                         | 115.8        |
| OCT.      | 128.8    | 127.3         | 160.0                   | 92.4     | -                         | 110.0        |
| NOV.      | 130.2    | 118.2         | 167.8                   | 83.5     | -                         | 115.8        |
| DIC.      | 128.1    | 127.3         | 160.0                   | 77.8     | -                         | 117.3        |
| 2016      |          |               |                         |          |                           |              |
| ENE.      | 122.5    | 127.3         | 160.0                   | 85.4     | -                         | 102.0        |
| FEB.      | 114.7    | 154.5         | 160.0                   | 70.2     | -                         | 98.2         |
| MAR.      | 119.8    | 145.5         | 160.0                   | 64.5     | -                         | 112.1        |
| ABR.      | 121.3    | 154.5         | 171.7                   | 62.1     | -                         | 115.0        |
| MAY.      | 130.3    | 145.5         | 171.7                   | 76.5     | -                         | 116.3        |
| JUN.      | 132.1    | 145.5         | 183.4                   | 74.1     | -                         | 120.3        |
| JUL.      | 125.6    | 100.0         | 171.7                   | 69.3     | -                         | 119.0        |
| AGO.      | 121.7    | 90.9          | 152.2                   | 69.3     | -                         | 115.7        |
| SET.      | 121.7    | 81.8          | 148.3                   | 66.9     | -                         | 119.6        |
| OCT.      | 123.1    | 81.8          | 140.5                   | 66.9     | -                         | 123.5        |
| NOV.      | 116.4    | 72.7          | 136.6                   | 59.7     | -                         | 120.3        |
| DIC.      | 122.8    | 72.7          | 128.8                   | 71.7     | -                         | 120.3        |
| 2017      |          |               |                         |          |                           |              |
| ENE.      | 108.6    | 72.7          | 128.8                   | 62.1     | -                         | 104.7        |
| FEB.      | 105.4    | 72.7          | 128.8                   | 62.1     | -                         | 98.7         |
| MAR.      | 119.9    | 100.0         | 124.9                   | 71.7     | -                         | 113.6        |
| ABR.      | 127.5    | 136.4         | 142.7                   | 76.5     | -                         | 116.2        |
| MAY.      | 127.1    | 136.4         | 142.7                   | 76.5     | -                         | 115.5        |
| JUN.      | 127.8    | 100.0         | 142.7                   | 81.2     | -                         | 114.3        |
| JUL.      | 128.5    | 100.0         | 133.8                   | 86.0     | -                         | 112.3        |
| AGO.      | 125.4    | 81.8          | 116.0                   | 86.0     | -                         | 111.7        |
| SET.      | 125.8    | 81.8          | 116.0                   | 86.0     | -                         | 112.3        |
| OCT.      | 126.4    | 81.8          | 116.0                   | 81.2     | -                         | 118.8        |
| NOV.      | 126.8    | 81.8          | 116.0                   | 86.0     | -                         | 114.3        |
| DIC.      | 125.1    | 81.8          | 116.0                   | 81.2     | -                         | 116.2        |
| 2018      |          |               |                         |          |                           |              |
| ENE.      | 123.0    | 81.8          | 124.9                   | 88.4     | -                         | 102.6        |
| FEB.      | 121.2    | 81.8          | 124.9                   | 88.4     | -                         | 99.2         |
| MAR.      | 130.9    | 81.8          | 124.9                   | 86.0     | -                         | 120.2        |
| ABR.      | 136.1    | 81.8          | 151.6                   | 90.8     | -                         | 118.9        |
| MAY.      | 128.9    | 81.8          | 151.6                   | 88.4     | -                         | 108.2        |
| JUN.      | 121.6    | 81.8          | 151.6                   | 81.2     | -                         | 102.2        |
| JUL.      | 125.5    | 81.8          | 151.6                   | 90.8     | -                         | 99.8         |
| AGO.      | 120.4    | 81.8          | 151.6                   | 90.8     | -                         | 90.9         |
| SET.      | 121.1    | 81.8          | 151.6                   | 87.0     | -                         | 94.8         |
| OCT.      | 122.2    | 81.8          | 151.6                   | 87.0     | -                         | 96.5         |
| NOV.      | 117.6    | 81.8          | 151.6                   | 85.5     | -                         | 90.4         |
| DIC.      | 124.7    | 81.8          | 151.6                   | 90.8     | -                         | 97.6         |
| 2019      |          |               |                         |          |                           |              |
| ENE.      | 110.7    | 81.8          | 142.7                   | 85.5     | -                         | 81.5         |
| FEB.      | 110.4    | 81.8          | 142.7                   | 83.2     | -                         | 82.5         |
| MAR.      | 116.2    | 81.8          | 160.6                   | 85.5     | -                         | 86.8         |
| ABR.      | 122.4    | 81.8          | 160.6                   | 90.8     | -                         | 92.5         |
| MAY.      | 125.3    | 81.8          | 160.6                   | 83.2     | -                         | 101.6        |
| JUN.      | 128.6    | 81.8          | 151.6                   | 87.0     | -                         | 105.5        |
| JUL.      | 127.9    | 81.8          | 151.6                   | 89.3     | -                         | 103.1        |
| AGO.      | 132.2    | 81.8          | 142.7                   | 90.8     | -                         | 109.8        |
| SET.      | 128.9    | 81.8          | 142.7                   | 83.2     | -                         | 109.8        |
| OCT.      | 129.6    | 81.8          | 142.7                   | 96.8     | -                         | 102.1        |
| NOV. P/   | 131.9    | 81.8          | 142.7                   | 102.1    | -                         | 102.1        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2008.

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 MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO  
2008 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Moquegua |               |                         |          |                              |              |
|-----------|----------|---------------|-------------------------|----------|------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. 2/ | Servicios 3/ |
| 2008 ENE. | 18.6     | -             | -                       | -        | -                            | 16.3         |
| FEB.      | 38.8     | 59.6          | -                       | -        | -                            | 34.1         |
| MAR.      | 38.2     | 59.6          | -                       | -        | -                            | 33.4         |
| ABR.      | 70.0     | 72.2          | -                       | -        | -                            | 68.9         |
| MAY.      | 73.2     | 72.2          | -                       | -        | -                            | 72.8         |
| JUN.      | 74.6     | 66.4          | -                       | -        | -                            | 75.8         |
| JUL.      | 77.7     | 71.0          | -                       | -        | -                            | 78.5         |
| AGO.      | 33.4     | 76.8          | -                       | -        | -                            | 23.9         |
| SET.      | 75.4     | 88.2          | -                       | -        | -                            | 72.1         |
| OCT.      | 81.7     | 88.2          | -                       | -        | -                            | 79.4         |
| NOV.      | 85.2     | 98.7          | -                       | -        | -                            | 81.6         |
| DIC.      | 86.3     | 102.7         | -                       | -        | -                            | 82.1         |
| 2009 ENE. | 29.3     | 102.7         | -                       | -        | -                            | 15.3         |
| FEB.      | 36.6     | 86.9          | -                       | -        | -                            | 26.8         |
| MAR.      | 39.5     | 90.8          | -                       | -        | -                            | 29.5         |
| ABR.      | 66.5     | 96.1          | -                       | -        | -                            | 61.4         |
| MAY.      | 84.8     | 106.6         | -                       | -        | -                            | 81.6         |
| JUN.      | 96.6     | 105.3         | -                       | -        | -                            | 96.4         |
| JUL.      | 103.7    | 139.6         | -                       | -        | -                            | 98.0         |
| AGO.      | 95.7     | 139.6         | -                       | -        | -                            | 88.2         |
| SET.      | 53.1     | 136.9         | -                       | -        | -                            | 36.6         |
| OCT.      | 104.2    | 135.6         | -                       | -        | -                            | 99.4         |
| NOV.      | 104.2    | 136.9         | -                       | -        | -                            | 99.1         |
| DIC.      | 105.5    | 135.6         | -                       | -        | -                            | 101.0        |
| 2010 ENE. | 105.5    | 139.6         | -                       | -        | -                            | 100.2        |
| FEB.      | 54.7     | 119.8         | -                       | -        | -                            | 42.0         |
| MAR.      | 70.3     | 125.1         | -                       | -        | -                            | 59.8         |
| ABR.      | 71.6     | 127.7         | -                       | -        | -                            | 60.8         |
| MAY.      | 111.3    | 152.7         | -                       | -        | -                            | 103.7        |
| JUN.      | 108.9    | 125.1         | -                       | -        | -                            | 106.3        |
| JUL.      | 103.2    | 90.8          | -                       | -        | -                            | 106.3        |
| AGO.      | 104.1    | 96.1          | -                       | -        | -                            | 106.3        |
| SET.      | 45.5     | 98.1          | -                       | -        | -                            | 31.3         |
| OCT.      | 100.0    | 100.0         | -                       | -        | -                            | 100.0        |
| NOV.      | 101.2    | 89.3          | -                       | -        | -                            | 104.4        |
| DIC.      | 102.1    | 89.3          | -                       | -        | -                            | 105.5        |
| 2011 ENE. | 26.1     | 88.3          | -                       | -        | -                            | 9.4          |
| FEB.      | 39.7     | 90.3          | -                       | -        | -                            | 26.1         |
| MAR.      | 75.7     | 98.1          | -                       | -        | -                            | 69.7         |
| ABR.      | 72.4     | 100.0         | -                       | -        | -                            | 65.0         |
| MAY.      | 108.4    | 100.0         | -                       | -        | -                            | 110.7        |
| JUN.      | 106.6    | 90.3          | -                       | -        | -                            | 111.0        |
| JUL.      | 106.0    | 89.3          | -                       | -        | -                            | 110.4        |
| AGO.      | 105.6    | 94.2          | -                       | -        | -                            | 108.6        |
| SET.      | 63.8     | 80.6          | -                       | -        | -                            | 59.3         |
| OCT.      | 112.1    | 79.6          | -                       | -        | -                            | 120.9        |
| NOV.      | 111.9    | 78.6          | -                       | -        | -                            | 120.9        |
| DIC.      | 111.9    | 76.7          | -                       | -        | -                            | 121.4        |
| 2012 ENE. | 28.8     | 74.8          | -                       | -        | -                            | 16.4         |
| FEB.      | 49.4     | 74.8          | -                       | -        | -                            | 42.6         |
| MAR.      | 68.3     | 73.8          | -                       | -        | -                            | 64.9         |
| ABR.      | 69.8     | 72.8          | -                       | -        | -                            | 66.9         |
| MAY.      | 96.7     | 72.8          | -                       | -        | -                            | 98.4         |
| JUN.      | 96.6     | 72.8          | -                       | -        | -                            | 98.2         |
| JUL.      | 106.0    | 75.7          | -                       | -        | -                            | 108.7        |
| AGO.      | 106.3    | 76.7          | -                       | -        | -                            | 108.8        |
| SET.      | 61.5     | 78.6          | -                       | -        | -                            | 56.7         |
| OCT.      | 98.7     | 81.6          | -                       | -        | -                            | 99.2         |
| NOV.      | 102.7    | 81.6          | -                       | -        | -                            | 103.7        |
| DIC.      | 107.6    | 83.5          | -                       | -        | -                            | 109.0        |
| 2013 ENE. | 98.0     | 85.4          | -                       | -        | -                            | 97.6         |
| FEB.      | 57.0     | 86.4          | -                       | -        | -                            | 50.1         |
| MAR.      | 87.5     | 86.4          | -                       | -        | -                            | 85.2         |
| ABR.      | 88.5     | 87.4          | -                       | -        | -                            | 86.3         |
| MAY.      | 132.9    | 88.3          | -                       | -        | -                            | 137.2        |
| JUN.      | 138.7    | 87.4          | -                       | -        | -                            | 144.0        |
| JUL.      | 140.8    | 87.4          | -                       | -        | -                            | 146.5        |
| AGO.      | 71.9     | 87.4          | -                       | -        | -                            | 67.0         |
| SET.      | 72.8     | 87.4          | -                       | -        | -                            | 68.1         |
| OCT.      | 139.2    | 87.4          | -                       | -        | -                            | 144.6        |
| NOV.      | 144.8    | 86.4          | -                       | -        | -                            | 151.2        |
| DIC.      | 145.4    | 86.4          | -                       | -        | -                            | 151.9        |
| 2014 ENE. | 51.2     | 85.4          | -                       | -        | -                            | 43.7         |
| FEB.      | 80.6     | 83.5          | -                       | -        | -                            | 77.9         |
| MAR.      | 96.1     | 83.5          | -                       | -        | -                            | 95.8         |
| ABR.      | 98.2     | 84.5          | -                       | -        | -                            | 98.0         |
| MAY.      | 145.9    | 86.4          | -                       | -        | -                            | 152.7        |
| JUN.      | 150.5    | 90.3          | -                       | -        | -                            | 157.3        |
| JUL.      | 150.8    | 92.2          | -                       | -        | -                            | 157.3        |
| AGO.      | 65.6     | 92.2          | -                       | -        | -                            | 59.1         |
| SET.      | 133.8    | 92.2          | -                       | -        | -                            | 137.7        |

**CIUDAD DE MOQUEGUA: ÍNDICE MENSUAL DEL EMPLEO EN EMPRESAS PRIVADAS  
FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO  
2008 - NOVIEMBRE 2019  
(Año base octubre 2010=100)**

| AÑO Y MES | Moquegua |               |                         |          |                              |              |
|-----------|----------|---------------|-------------------------|----------|------------------------------|--------------|
|           | Total    | Extractiva 1/ | Industria manufacturera | Comercio | Transp., almac., y comun. 2/ | Servicios 3/ |
| 2015      | OCT.     | 143.6         | 90.3                    | -        | -                            | 149.4        |
|           | NOV.     | 146.7         | 93.2                    | -        | -                            | 152.4        |
|           | DIC.     | 145.1         | 96.1                    | -        | -                            | 150.1        |
|           | ENE.     | 52.4          | 97.1                    | -        | -                            | 43.0         |
|           | FEB.     | 92.7          | 95.1                    | -        | -                            | 90.1         |
|           | MAR.     | 103.2         | 98.1                    | -        | -                            | 101.7        |
|           | ABR.     | 99.4          | 99.0                    | -        | -                            | 97.1         |
|           | MAY.     | 149.1         | 103.9                   | -        | -                            | 153.7        |
|           | JUN.     | 154.6         | 104.9                   | -        | -                            | 159.9        |
|           | JUL.     | 154.9         | 104.9                   | -        | 83.1                         | 160.2        |
|           | AGO.     | 78.1          | 103.9                   | -        | 84.4                         | 65.7         |
|           | SET.     | 153.1         | 102.9                   | -        | 90.9                         | 157.4        |
| 2016      | OCT.     | 155.4         | 101.9                   | -        | 100.0                        | 159.1        |
|           | NOV.     | 155.2         | 101.0                   | -        | 101.3                        | 158.8        |
|           | DIC.     | 157.7         | 99.0                    | -        | 101.3                        | 162.3        |
|           | ENE.     | 59.6          | 98.1                    | -        | 101.3                        | 41.8         |
|           | FEB.     | 101.2         | 95.1                    | -        | 102.6                        | 93.5         |
|           | MAR.     | 113.1         | 86.4                    | -        | 105.2                        | 109.3        |
|           | ABR.     | 112.1         | 85.4                    | -        | 106.5                        | 108.1        |
|           | MAY.     | 150.4         | 85.4                    | -        | 100.0                        | 156.2        |
|           | JUN.     | 153.7         | 84.5                    | -        | 106.5                        | 159.5        |
|           | JUL.     | 152.0         | 84.5                    | -        | 103.9                        | 157.8        |
|           | AGO.     | 81.9          | 84.5                    | -        | 103.9                        | 71.4         |
|           | SET.     | 125.8         | 85.4                    | -        | 102.6                        | 125.4        |
| 2017      | OCT.     | 125.2         | 84.5                    | -        | 102.6                        | 124.9        |
|           | NOV.     | 132.2         | 86.4                    | -        | 102.6                        | 133.2        |
|           | DIC.     | 135.2         | 87.4                    | -        | 103.9                        | 136.6        |
|           | ENE.     | 61.5          | 89.3                    | -        | 98.7                         | 46.1         |
|           | FEB.     | 94.7          | 88.3                    | -        | 96.1                         | 87.6         |
|           | MAR.     | 107.6         | 89.3                    | -        | 93.5                         | 103.6        |
|           | ABR.     | 107.6         | 86.4                    | -        | 106.5                        | 102.4        |
|           | MAY.     | 133.2         | 87.4                    | -        | 110.4                        | 133.3        |
|           | JUN.     | 138.2         | 87.4                    | -        | 102.6                        | 140.5        |
|           | JUL.     | 135.2         | 89.3                    | -        | 111.7                        | 135.2        |
|           | AGO.     | 91.3          | 89.3                    | -        | 114.3                        | 80.7         |
|           | SET.     | 94.9          | 89.3                    | -        | 114.3                        | 85.1         |
| 2018      | OCT.     | 126.6         | 89.3                    | -        | 114.3                        | 124.3        |
|           | NOV.     | 138.1         | 90.3                    | -        | 114.3                        | 138.2        |
|           | DIC.     | 147.1         | 91.3                    | -        | 114.3                        | 149.1        |
|           | ENE.     | 76.4          | 93.2                    | -        | 89.6                         | 65.0         |
|           | FEB.     | 84.9          | 93.2                    | -        | 87.0                         | 75.8         |
|           | MAR.     | 116.3         | 94.2                    | -        | 98.7                         | 112.7        |
|           | ABR.     | 81.7          | 94.2                    | -        | 97.4                         | 70.4         |
|           | MAY.     | 144.5         | 96.1                    | -        | 102.6                        | 146.5        |
|           | JUN.     | 146.4         | 107.8                   | -        | 94.8                         | 147.7        |
|           | JUL.     | 149.1         | 112.6                   | -        | 101.3                        | 149.3        |
|           | AGO.     | 94.2          | 114.6                   | -        | 103.9                        | 74.0         |
|           | SET.     | 111.3         | 114.6                   | -        | 97.4                         | 97.8         |
| 2019      | OCT.     | 151.8         | 117.5                   | -        | 97.4                         | 151.9        |
|           | NOV.     | 156.7         | 135.0                   | -        | 97.4                         | 155.1        |
|           | DIC.     | 157.1         | 143.7                   | -        | 93.4                         | 154.6        |
|           | ENE.     | 73.4          | 143.7                   | -        | 103.9                        | 39.8         |
|           | FEB.     | 107.1         | 195.1                   | -        | 97.4                         | 77.5         |
|           | MAR.     | 144.0         | 208.7                   | -        | 97.4                         | 124.6        |
|           | ABR.     | 108.4         | 164.1                   | -        | 97.4                         | 84.6         |
|           | MAY.     | 154.8         | 169.9                   | -        | 100.0                        | 146.2        |
|           | JUN.     | 162.5         | 178.6                   | -        | 100.0                        | 154.3        |
|           | JUL.     | 167.8         | 186.4                   | -        | 96.0                         | 160.8        |
|           | AGO.     | 98.8          | 194.2                   | -        | 96.0                         | 65.2         |
|           | SET.     | 113.1         | 201.0                   | -        | 90.8                         | 84.2         |
| 2019      | OCT.     | 158.6         | 212.6                   | -        | 84.2                         | 145.5        |
|           | NOV. P/  | 167.0         | 222.3                   | -        | 84.2                         | 154.1        |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2008.

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 MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| 2009 ENE. | 36.7               | 62.8          | 18.5                    | 27.0     | -                         | 31.0         | 36.7                        | 62.8          | 18.5                    | 27.0     | -                         | 31.0         |
| FEB.      | 17.7               | 24.8          | 10.3                    | 44.4     | -                         | 15.7         | 26.2                        | 42.6          | 14.3                    | 35.6     | -                         | 22.3         |
| MAR.      | 20.1               | 37.6          | 17.2                    | 34.2     | -                         | 18.5         | 23.7                        | 40.9          | 15.3                    | 35.1     | -                         | 20.7         |
| ABR.      | 8.4                | 24.3          | 3.8                     | 28.9     | -                         | 8.5          | 18.3                        | 36.1          | 12.6                    | 33.6     | -                         | 15.9         |
| MAY.      | 17.2               | 30.7          | 0.0                     | 33.3     | -                         | 19.3         | 18.0                        | 34.9          | 10.2                    | 33.5     | -                         | 16.8         |
| JUN.      | 23.8               | 39.2          | 0.0                     | 38.9     | -                         | 26.4         | 19.2                        | 35.6          | 8.6                     | 34.4     | -                         | 19.0         |
| JUL.      | 25.2               | 63.4          | 0.0                     | 48.6     | -43.5                     | 24.3         | 20.3                        | 39.7          | 7.4                     | 36.3     | -41.0                     | 20.1         |
| AGO.      | 69.9               | 52.2          | -9.4                    | 39.5     | -43.5                     | 95.7         | 25.9                        | 41.4          | 5.0                     | 36.7     | -41.3                     | 27.9         |
| SET.      | -5.3               | 38.4          | -24.3                   | 33.3     | -35.0                     | -12.8        | 21.6                        | 41.0          | 0.8                     | 36.3     | -38.9                     | 22.2         |
| OCT.      | 21.9               | 34.5          | -24.3                   | 35.0     | -39.3                     | 26.9         | 21.7                        | 40.3          | -2.4                    | 36.2     | -38.1                     | 22.8         |
| NOV.      | 19.2               | 20.8          | -24.3                   | 36.6     | -49.8                     | 25.9         | 21.4                        | 38.1          | -4.8                    | 36.2     | -38.2                     | 23.2         |
| DIC.      | 15.9               | 19.8          | -27.0                   | 17.4     | -54.4                     | 23.5         | 20.8                        | 36.2          | -7.0                    | 34.3     | -39.0                     | 23.2         |
| 2010 ENE. | 88.8               | 22.7          | -17.7                   | 14.9     | -50.3                     | 153.0        | 88.8                        | 22.7          | -17.7                   | 14.9     | -50.3                     | 153.0        |
| FEB.      | 28.8               | 24.7          | -17.7                   | 7.1      | -33.3                     | 36.3         | 57.8                        | 23.6          | -17.7                   | 10.8     | -43.2                     | 90.1         |
| MAR.      | 22.8               | 22.2          | -24.6                   | 7.6      | -2.1                      | 25.3         | 44.2                        | 23.2          | -20.1                   | 9.7      | -31.1                     | 62.8         |
| ABR.      | -2.4               | 13.3          | -7.5                    | 10.2     | -3.0                      | -9.5         | 28.8                        | 20.5          | -17.4                   | 9.8      | -25.0                     | 36.0         |
| MAY.      | 9.0                | 27.2          | -6.5                    | 8.9      | -12.5                     | 5.7          | 23.5                        | 22.0          | -15.5                   | 9.7      | -22.7                     | 27.0         |
| JUN.      | 0.7                | 8.9           | -3.9                    | 8.0      | -12.5                     | -2.2         | 18.5                        | 19.7          | -13.8                   | 9.4      | -21.1                     | 19.9         |
| JUL.      | -4.5               | -29.2         | -6.5                    | 5.5      | -10.8                     | -2.2         | 14.2                        | 11.2          | -12.9                   | 8.8      | -19.7                     | 15.5         |
| AGO.      | -1.0               | -28.3         | -16.2                   | 5.1      | -12.5                     | 3.1          | 11.9                        | 5.4           | -13.3                   | 8.3      | -18.8                     | 13.5         |
| SET.      | -12.3              | -27.7         | -13.2                   | 15.4     | -4.2                      | -18.2        | 9.3                         | 1.2           | -13.3                   | 9.1      | -17.2                     | 10.3         |
| OCT.      | -7.7               | -25.2         | -13.2                   | 11.1     | 0.4                       | -8.6         | 7.1                         | -1.8          | -13.3                   | 9.3      | -15.6                     | 7.8          |
| NOV.      | -6.5               | -31.8         | -10.8                   | 2.6      | 33.5                      | -6.1         | 5.6                         | -4.7          | -13.1                   | 8.7      | -12.3                     | 6.1          |
| DIC.      | -3.4               | -30.6         | 5.0                     | 7.9      | 87.5                      | -5.6         | 4.7                         | -7.1          | -11.6                   | 8.6      | -6.6                      | 4.9          |
| 2011 ENE. | -41.4              | -35.5         | 7.7                     | 11.1     | 72.7                      | -58.9        | -41.4                       | -35.5         | 7.7                     | 11.1     | 72.7                      | -58.9        |
| FEB.      | -7.9               | -26.1         | 10.8                    | 4.6      | 87.5                      | -15.9        | -27.2                       | -31.1         | 9.2                     | 7.8      | 80.0                      | -42.3        |
| MAR.      | 2.6                | -21.8         | 13.7                    | 1.0      | 34.0                      | 5.0          | -17.3                       | -28.0         | 10.7                    | 5.5      | 60.7                      | -26.9        |
| ABR.      | 4.9                | -20.4         | 23.2                    | 5.3      | 81.4                      | 2.9          | -11.8                       | -26.1         | 13.7                    | 5.5      | 66.5                      | -19.6        |
| MAY.      | 1.2                | -30.2         | 26.7                    | 7.1      | 50.0                      | 3.3          | -8.7                        | -27.1         | 16.2                    | 5.8      | 62.9                      | -13.9        |
| JUN.      | 0.8                | -23.9         | 23.2                    | 0.5      | 35.7                      | 2.7          | -6.9                        | -26.6         | 17.3                    | 4.9      | 58.2                      | -10.6        |
| JUL.      | 2.8                | -1.5          | 30.0                    | -1.1     | 35.5                      | 1.4          | -5.4                        | -23.8         | 19.1                    | 4.0      | 54.7                      | -8.6         |
| AGO.      | 1.5                | -4.5          | 46.7                    | -7.2     | 40.5                      | -0.4         | -4.5                        | -21.9         | 22.4                    | 2.6      | 52.9                      | -7.4         |
| SET.      | 14.5               | -12.5         | 40.0                    | -13.9    | 10.9                      | 28.3         | -2.8                        | -21.0         | 24.3                    | 0.6      | 47.7                      | -4.7         |
| OCT.      | 8.5                | -14.9         | 33.3                    | -9.6     | 25.4                      | 14.1         | -1.6                        | -20.5         | 25.2                    | -0.5     | 45.2                      | -2.6         |
| NOV.      | 7.9                | -6.8          | 29.7                    | -2.5     | 24.4                      | 10.7         | -0.7                        | -19.5         | 25.6                    | -0.7     | 43.1                      | -1.2         |
| DIC.      | 6.6                | -8.7          | 14.3                    | -2.5     | -4.8                      | 12.5         | 0.0                         | -18.8         | 24.5                    | -0.8     | 37.6                      | 0.1          |
| 2012 ENE. | 10.5               | -7.0          | 31.4                    | -2.4     | 3.8                       | 16.5         | 10.5                        | -7.0          | 31.4                    | -2.4     | 3.8                       | 16.5         |
| FEB.      | 13.1               | -6.9          | 19.4                    | 3.4      | -11.6                     | 25.4         | 11.9                        | -6.9          | 25.4                    | 0.5      | -4.1                      | 21.5         |
| MAR.      | 3.4                | -15.2         | 13.9                    | 13.5     | -10.4                     | 6.7          | 8.4                         | -9.9          | 21.5                    | 4.6      | -6.3                      | 14.6         |
| ABR.      | 3.6                | -18.3         | 5.3                     | 1.5      | -25.0                     | 12.7         | 7.0                         | -12.1         | 17.2                    | 3.9      | -12.0                     | 14.0         |
| MAY.      | 1.7                | -21.8         | 5.3                     | 4.6      | -10.7                     | 7.0          | 5.6                         | -14.2         | 14.8                    | 4.0      | -11.7                     | 11.9         |
| JUN.      | 2.5                | -20.2         | 2.6                     | 15.9     | -13.2                     | 7.0          | 4.9                         | -15.2         | 12.7                    | 5.9      | -11.9                     | 10.8         |
| JUL.      | 7.8                | -17.4         | 2.6                     | 12.7     | -17.4                     | 15.5         | 5.4                         | -15.5         | 11.2                    | 6.8      | -12.7                     | 11.7         |
| AGO.      | 9.5                | -15.0         | 2.3                     | 21.7     | -18.8                     | 17.0         | 6.0                         | -15.5         | 9.9                     | 8.5      | -13.4                     | 12.5         |
| SET.      | 3.3                | -5.1          | 7.1                     | 18.3     | -3.0                      | 2.8          | 5.7                         | -14.4         | 9.5                     | 9.6      | -12.4                     | 11.5         |
| OCT.      | -0.2               | 2.1           | 12.5                    | 14.3     | -12.3                     | -1.3         | 5.0                         | -12.9         | 9.8                     | 10.0     | -12.4                     | 9.8          |
| NOV.      | 2.4                | 3.1           | 10.0                    | 10.7     | -9.9                      | 2.2          | 4.8                         | -11.6         | 9.9                     | 10.1     | -12.2                     | 8.9          |
| DIC.      | 4.9                | 6.3           | 10.0                    | 9.1      | -7.8                      | 5.1          | 4.8                         | -10.2         | 9.9                     | 10.0     | -11.9                     | 8.5          |
| 2013 ENE. | 66.5               | 11.8          | -8.7                    | 7.4      | -13.7                     | 135.2        | 66.5                        | 11.8          | -8.7                    | 7.4      | -13.7                     | 135.2        |
| FEB.      | 4.4                | 10.5          | -9.3                    | 2.8      | 8.3                       | 2.4          | 33.0                        | 11.2          | -9.0                    | 5.1      | -3.3                      | 58.0         |
| MAR.      | 12.4               | 11.6          | -7.3                    | 0.0      | -9.5                      | 18.9         | 24.9                        | 11.3          | -8.5                    | 3.3      | -5.3                      | 41.0         |
| ABR.      | 13.8               | 17.0          | 5.0                     | 13.5     | -1.7                      | 15.8         | 21.7                        | 12.7          | -5.3                    | 5.8      | -4.4                      | 33.1         |
| MAY.      | 23.3               | 18.3          | 5.0                     | 8.8      | -3.5                      | 29.7         | 22.1                        | 13.8          | -3.3                    | 6.4      | -4.2                      | 32.2         |
| JUN.      | 28.7               | 14.9          | 23.1                    | 1.4      | 16.1                      | 34.9         | 23.4                        | 14.0          | 0.8                     | 5.5      | -1.2                      | 32.8         |
| JUL.      | 23.2               | 13.3          | 40.0                    | 4.2      | 6.7                       | 26.8         | 23.4                        | 13.9          | 6.2                     | 5.3      | -0.2                      | 31.6         |
| AGO.      | -20.9              | 12.1          | 13.3                    | -5.6     | 6.7                       | -31.6        | 16.8                        | 13.7          | 7.2                     | 3.9      | 0.6                       | 21.4         |
| SET.      | 10.4               | 15.1          | 15.6                    | -2.9     | 6.5                       | 11.2         | 16.2                        | 13.8          | 8.2                     | 3.2      | 1.2                       | 20.5         |
| OCT.      | 28.3               | 7.1           | 13.3                    | -2.8     | 6.5                       | 37.8         | 17.5                        | 13.1          | 8.7                     | 2.5      | 1.7                       | 22.5         |
| NOV.      | 26.5               | 6.1           | 18.2                    | -5.6     | -6.1                      | 36.7         | 18.5                        | 12.4          | 9.6                     | 1.8      | 1.0                       | 24.1         |
| DIC.      | 23.4               | 4.0           | 18.2                    | -4.2     | -6.1                      | 32.2         | 19.0                        | 11.7          | 10.4                    | 1.3      | 0.4                       | 24.9         |
| 2014 ENE. | -31.0              | 1.0           | 23.8                    | -8.3     | -6.3                      | -45.1        | -31.0                       | 1.0           | 23.8                    | -8.3     | -6.3                      | -45.1        |
| FEB.      | 18.3               | -1.9          | 17.9                    | -7.0     | -16.7                     | 36.8         | -10.1                       | -0.5          | 21.0                    | -7.7     | -11.8                     | -14.3        |
| MAR.      | 4.9                | -1.9          | 21.1                    | -8.3     | -3.1                      | 7.9          | -4.8                        | -1.0          | 21.0                    | -7.9     | -9.0                      | -6.2         |
| ABR.      | 3.4                | -4.5          | 19.0                    | -10.7    | -19.4                     | 9.2          | -2.6                        | -1.9          | 20.5                    | -8.6     | -11.8                     | -2.0         |
| MAY.      | 4.9                | -2.7          | 19.0                    | -16.4    | -17.6                     | 9.5          | -0.7                        | -2.1          | 20.2                    | -10.2    | -12.9                     | 1.2          |
| JUN.      | 3.4                | 11.0          | -2.1                    | -9.6     | -36.1                     | 8.4          | 0.2                         | 0.0           | 15.9                    | -10.1    | -17.0                     | 2.8          |
| JUL.      | 1.6                | 5.9           | -23.2                   | -11.9    | -31.3                     | 6.9          | 0.4                         | 0.8           | 8.8                     | -10.3    | -18.9                     | 3.6          |
| AGO.      | -7.8               | 5.9           | -15.7                   | -6.6     | -28.1                     | -6.9         | -0.4                        | 1.4           | 5.3                     | -9.9     | -20.0                     | 2.6          |
| SET.      | 43.7               | 0.9           | -17.3                   | -6.6     | -6.1                      | 73.5         | 3.7                         | 1.4           | 2.4                     | -9.6     | -18.5                     | 8.7          |
| OCT.      | 0.1                | 0.0           | -15.7                   | -6.5     | -6.1                      | 2.0          | 3.3                         | 1.2           | 0.4                     | -9.3     | -17.3                     | 7.8          |
| NOV.      | -0.4               | 5.7           | -17.3                   | -5.2     | 0.0                       | 0.2          | 2.9                         | 1.6           | -1.4                    | -8.9     | -15.8                     | 6.9          |
| DIC.      | -0.8               | 8.6           | -17.3                   | -0.6     | 3.2                       | -1.3         | 2.5                         | 2.2           | -2.8                    | -8.2     | -14.3                     | 6.0          |
| 2015 ENE. | -1.2               | 12.4          | -9.6                    | 2.4      | 0.4                       | 0.4          | -1.2                        | 12.4          | -9.6                    | 2.4      | -20.0                     | 0.4          |
| FEB.      | 10.2               | 12.6          | 6.5                     | 2.4      | -6.7                      | 14.0         | 5.2                         | 12.5          | -2.0                    | 2.4      | -13.3                     | 8.6          |
| MAR.      | 8.2                | 14.4          | 8.7                     | 10.2     | 12.9                      | 6.7          | 6.4                         | 13.1          | 1.4                     | 5.0      | -4.4                      | 7.8          |
| ABR.      | 10.5               | 14.3          | 0.0                     | 7.0      | 96.6                      | 0.7          | 7.5                         | 13.4          | 1.0                     | 5.5      | 20.0                      | 5.6          |

**CIUDAD DE MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| MAY.      | 14.5               | 15.9          | 0.0                     | 7.5      | -                         | 2.6          | 9.4                         | 13.9          | 0.8                     | 5.9      | 21.6                      | 4.7          |
| JUN.      | 14.9               | 12.6          | 10.6                    | 0.9      | -                         | 1.7          | 10.6                        | 13.7          | 2.4                     | 5.0      | 26.3                      | 4.0          |
| JUL.      | 15.7               | 11.1          | 18.6                    | 3.5      | -                         | 2.1          | 11.5                        | 13.3          | 4.5                     | 4.8      | 30.6                      | 3.7          |
| AGO.      | 19.2               | 11.1          | 16.3                    | -4.8     | 77.0                      | 8.5          | 12.2                        | 13.0          | 5.8                     | 3.6      | 36.8                      | 4.1          |
| SET.      | 22.2               | 12.0          | 11.6                    | 0.0      | 41.5                      | 12.4         | 13.5                        | 12.9          | 6.4                     | 3.2      | 38.8                      | 5.2          |
| OCT.      | 16.9               | 12.3          | 11.6                    | -1.6     | 55.6                      | 5.5          | 13.9                        | 12.9          | 6.9                     | 2.8      | 42.2                      | 5.2          |
| NOV.      | 15.5               | 5.4           | 17.1                    | -9.7     | 57.6                      | 4.7          | 14.1                        | 12.2          | 7.8                     | 1.7      | 44.9                      | 5.2          |
| DIC.      | 16.5               | 1.8           | 11.6                    | -20.9    | 52.7                      | 7.8          | 14.3                        | 11.2          | 8.1                     | -0.3     | 46.4                      | 5.4          |
| 2016 ENE. | 13.5               | -2.5          | 2.1                     | -13.2    | 103.6                     | -0.3         | 13.5                        | -2.5          | 2.1                     | -13.2    | 103.6                     | -0.3         |
| FEB.      | 12.0               | -0.9          | -2.0                    | -28.7    | 76.8                      | 3.3          | 12.6                        | -1.7          | 0.0                     | -20.9    | 89.1                      | 2.0          |
| MAR.      | 9.4                | -11.8         | -4.0                    | -39.1    | 45.0                      | 5.7          | 11.3                        | -5.1          | -1.4                    | -27.3    | 71.4                      | 3.5          |
| ABR.      | 4.9                | -12.5         | 3.0                     | -40.5    | -9.9                      | 8.6          | 9.4                         | -7.0          | -0.2                    | -30.7    | 39.2                      | 5.0          |
| MAY.      | -1.5               | -16.1         | 3.0                     | -19.9    | -                         | 0.3          | 6.4                         | -8.9          | 0.4                     | -28.6    | 38.2                      | 3.6          |
| JUN.      | -1.2               | -17.6         | 5.8                     | -23.6    | -                         | 1.1          | 4.7                         | -10.4         | 1.4                     | -27.8    | 38.9                      | 3.0          |
| JUL.      | -3.6               | -18.3         | 1.0                     | -28.5    | -                         | -1.1         | 3.2                         | -11.5         | 1.3                     | -27.9    | 39.0                      | 2.2          |
| AGO.      | 3.3                | -19.2         | -8.7                    | -21.2    | 23.1                      | 7.6          | 3.2                         | -12.5         | 0.1                     | -27.1    | 35.4                      | 2.7          |
| SET.      | -15.9              | -19.8         | -7.3                    | -27.6    | 12.9                      | -16.6        | 0.5                         | -13.3         | -0.7                    | -27.2    | 31.2                      | -0.1         |
| OCT.      | -16.3              | -19.3         | -12.2                   | -27.6    | 2.6                       | -16.4        | -1.6                        | -13.9         | -1.8                    | -27.2    | 26.3                      | -2.2         |
| NOV.      | -14.3              | -17.1         | -18.6                   | -28.5    | 1.3                       | -13.0        | -3.0                        | -14.2         | -3.4                    | -27.3    | 22.6                      | -3.4         |
| DIC.      | -12.5              | -15.5         | -19.5                   | -7.9     | 2.6                       | -13.1        | -3.9                        | -14.3         | -4.7                    | -26.0    | 19.9                      | -4.4         |
| 2017 ENE. | -0.4               | -13.0         | -19.5                   | -27.2    | -2.6                      | 9.9          | -0.4                        | -13.0         | -19.5                   | -27.2    | -2.6                      | 9.9          |
| FEB.      | -6.6               | -13.9         | -19.5                   | -11.5    | -6.3                      | -4.4         | -4.0                        | -13.5         | -19.5                   | -20.1    | -4.5                      | 0.8          |
| MAR.      | -3.3               | -1.9          | -22.0                   | 11.1     | -11.1                     | -3.4         | -3.7                        | -9.9          | -20.3                   | -11.0    | -6.7                      | -1.0         |
| ABR.      | -1.1               | -1.0          | -16.9                   | 23.1     | 0.0                       | -3.4         | -3.0                        | -7.7          | -19.4                   | -3.5     | -5.0                      | -1.7         |
| MAY.      | -9.1               | 1.0           | -16.9                   | 0.0      | 10.4                      | -12.0        | -4.6                        | -6.1          | -18.9                   | -2.7     | -2.0                      | -4.7         |
| JUN.      | -8.3               | -1.9          | -22.2                   | 9.7      | -3.7                      | -10.5        | -5.3                        | -5.4          | -19.5                   | -0.6     | -2.3                      | -6.0         |
| JUL.      | -7.7               | 5.1           | -22.1                   | 24.1     | 7.5                       | -12.5        | -5.7                        | -4.0          | -19.9                   | 2.8      | -0.9                      | -7.2         |
| AGO.      | 8.6                | 4.1           | -23.8                   | 24.1     | 10.0                      | 8.4          | -4.3                        | -3.1          | -20.3                   | 5.4      | 0.5                       | -5.8         |
| SET.      | -16.5              | 4.1           | -21.8                   | 28.6     | 11.4                      | -26.5        | -5.8                        | -2.3          | -20.5                   | 7.8      | 1.7                       | -8.3         |
| OCT.      | 1.6                | 5.2           | -17.5                   | 21.4     | 11.4                      | -0.9         | -5.0                        | -1.6          | -20.2                   | 9.1      | 2.6                       | -7.5         |
| NOV.      | 5.6                | 5.2           | -15.1                   | 44.0     | 11.4                      | 2.3          | -4.0                        | -1.1          | -19.8                   | 11.8     | 3.4                       | -6.5         |
| DIC.      | 6.9                | 5.1           | -10.0                   | 13.3     | 10.0                      | 7.1          | -3.0                        | -0.6          | -19.1                   | 12.0     | 4.0                       | -5.2         |
| 2018 ENE. | 20.1               | 5.0           | -3.0                    | 42.3     | -9.2                      | 25.0         | 20.1                        | 5.0           | -3.0                    | 42.3     | -9.2                      | 25.0         |
| FEB.      | -2.3               | 6.1           | -3.0                    | 42.3     | -9.5                      | -10.1        | 7.4                         | 5.5           | -3.0                    | 42.3     | -9.3                      | 3.7          |
| MAR.      | 8.6                | 2.9           | 0.0                     | 20.0     | 5.6                       | 8.3          | 7.8                         | 4.6           | -2.0                    | 34.1     | -4.5                      | 5.6          |
| ABR.      | -13.9              | 1.9           | 6.3                     | 18.8     | -8.5                      | -23.4        | 1.6                         | 3.9           | 0.2                     | 29.8     | -5.6                      | -2.9         |
| MAY.      | 5.9                | 2.9           | 6.3                     | 15.6     | -7.1                      | 5.6          | 2.7                         | 3.7           | 1.5                     | 26.7     | -5.9                      | -0.6         |
| JUN.      | 2.4                | 18.8          | 6.3                     | 0.0      | -7.6                      | 1.1          | 2.6                         | 6.2           | 2.3                     | 21.7     | -6.2                      | -0.2         |
| JUL.      | 6.1                | 21.4          | 13.3                    | 5.6      | -9.3                      | 5.2          | 3.2                         | 8.4           | 3.9                     | 19.0     | -6.7                      | 0.7          |
| AGO.      | -0.2               | 25.7          | 30.8                    | 6.0      | -9.1                      | -10.8        | 2.8                         | 10.5          | 6.8                     | 17.1     | -7.0                      | -0.5         |
| SET.      | 9.5                | 25.7          | 30.8                    | 4.6      | -14.8                     | 6.5          | 3.5                         | 12.2          | 9.2                     | 15.6     | -7.9                      | 0.2          |
| OCT.      | 13.4               | 28.7          | 30.8                    | 11.2     | -14.8                     | 12.3         | 4.6                         | 13.9          | 11.1                    | 15.1     | -8.7                      | 1.6          |
| NOV.      | 8.3                | 45.1          | 30.8                    | 5.0      | -14.8                     | 4.6          | 5.0                         | 16.7          | 12.7                    | 14.1     | -9.3                      | 1.9          |
| DIC.      | 5.4                | 52.4          | 30.8                    | 14.6     | -18.3                     | -1.0         | 5.1                         | 19.7          | 14.1                    | 14.1     | -10.1                     | 1.6          |
| 2019 ENE. | -6.9               | 49.5          | 14.3                    | 2.2      | 16.0                      | -30.4        | -6.9                        | 49.5          | 14.3                    | 2.2      | 16.0                      | -30.4        |
| FEB.      | 13.0               | 100.0         | 14.3                    | 0.8      | 11.9                      | -2.7         | 3.3                         | 74.8          | 14.3                    | 1.5      | 14.0                      | -15.9        |
| MAR.      | 12.6               | 111.3         | 28.6                    | 6.0      | -1.4                      | -0.2         | 7.0                         | 87.0          | 19.0                    | 3.0      | 8.5                       | -9.2         |
| ABR.      | 15.0               | 67.9          | 5.9                     | 3.6      | -0.1                      | 7.2          | 8.9                         | 82.2          | 15.3                    | 3.1      | 6.2                       | -5.4         |
| MAY.      | 5.0                | 70.4          | 5.9                     | 1.3      | -2.5                      | -2.0         | 7.9                         | 79.8          | 13.2                    | 2.8      | 4.3                       | -4.5         |
| JUN.      | 10.3               | 60.8          | 0.0                     | 14.8     | 5.5                       | 3.3          | 8.4                         | 76.3          | 10.8                    | 4.6      | 4.5                       | -2.7         |
| JUL.      | 10.5               | 60.8          | 0.0                     | 3.6      | -5.2                      | 5.8          | 8.8                         | 73.8          | 9.1                     | 4.5      | 3.1                       | -1.2         |
| AGO.      | 7.0                | 64.6          | -5.9                    | 5.9      | -7.6                      | -1.1         | 8.6                         | 72.5          | 7.1                     | 4.7      | 1.6                       | -1.2         |
| SET.      | 3.2                | 70.1          | -5.9                    | 2.3      | -6.8                      | -6.1         | 8.0                         | 72.2          | 5.6                     | 4.4      | 0.7                       | -1.7         |
| OCT.      | 4.6                | 75.4          | -5.9                    | 7.7      | -13.5                     | -3.3         | 7.6                         | 72.6          | 4.3                     | 4.7      | -0.7                      | -1.9         |
| NOV. P/   | 7.5                | 60.8          | -5.9                    | 13.5     | -13.5                     | 0.5          | 7.6                         | 71.2          | 3.4                     | 5.5      | -1.9                      | -1.6         |

Nota: La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2009.

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 MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10  
A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| 2009 ENE. | 31.1               | -9.5             | 18.5                       | 27.0     | -                               | 43.5            | 31.1                        | -9.5             | 18.5                       | 27.0     | -                               | 43.5            |
| FEB.      | 31.0               | -20.8            | 10.3                       | 44.4     | -                               | 47.6            | 31.1                        | -15.6            | 14.3                       | 35.6     | -                               | 45.5            |
| MAR.      | 23.4               | 0.0              | 17.2                       | 34.2     | -                               | 31.7            | 27.9                        | -10.6            | 15.3                       | 35.1     | -                               | 39.3            |
| ABR.      | 19.5               | 0.0              | 3.8                        | 28.9     | -                               | 29.2            | 25.3                        | -7.7             | 12.6                       | 33.6     | -                               | 35.9            |
| MAY.      | 17.1               | -12.0            | 0.0                        | 33.3     | -                               | 26.1            | 23.3                        | -8.6             | 10.2                       | 33.5     | -                               | 33.4            |
| JUN.      | 16.8               | -8.7             | 0.0                        | 38.9     | -                               | 24.0            | 22.1                        | -8.6             | 8.6                        | 34.4     | -                               | 31.5            |
| JUL.      | 15.5               | -30.0            | 0.0                        | 48.6     | -43.5                           | 22.2            | 21.0                        | -11.3            | 7.4                        | 36.3     | -41.0                           | 29.9            |
| AGO.      | 16.0               | -33.3            | -9.4                       | 39.5     | -43.5                           | 25.9            | 20.3                        | -13.9            | 5.0                        | 36.7     | -41.3                           | 29.3            |
| SET.      | 16.0               | -21.1            | -24.3                      | 33.3     | -35.0                           | 26.9            | 19.8                        | -14.6            | 0.8                        | 36.3     | -38.9                           | 29.0            |
| OCT.      | 14.3               | -30.0            | -24.3                      | 35.0     | -39.3                           | 25.6            | 19.2                        | -16.0            | -2.4                       | 36.2     | -38.1                           | 28.6            |
| NOV.      | 14.0               | -42.9            | -24.3                      | 36.6     | -49.8                           | 28.2            | 18.6                        | -18.3            | -4.8                       | 36.2     | -38.2                           | 28.5            |
| DIC.      | 7.3                | -33.3            | -27.0                      | 17.4     | -54.4                           | 20.7            | 17.6                        | -19.4            | -7.0                       | 34.3     | -39.0                           | 27.8            |
| 2010 ENE. | 11.0               | -31.6            | -17.7                      | 14.9     | -50.3                           | 21.1            | 11.0                        | -31.6            | -17.7                      | 14.9     | -50.3                           | 21.1            |
| FEB.      | 15.1               | -21.1            | -17.7                      | 7.1      | -33.3                           | 26.8            | 13.1                        | -26.3            | -17.7                      | 10.8     | -43.2                           | 23.9            |
| MAR.      | -3.9               | -28.6            | -24.6                      | 7.6      | -2.1                            | -5.4            | 6.3                         | -27.1            | -20.1                      | 9.7      | -31.1                           | 11.4            |
| ABR.      | -10.6              | -44.0            | -7.5                       | 10.2     | -3.0                            | -14.5           | 1.3                         | -32.1            | -17.4                      | 9.8      | -25.0                           | 3.1             |
| MAY.      | -10.8              | -31.8            | -6.5                       | 8.9      | -12.5                           | -15.2           | -1.4                        | -32.1            | -15.5                      | 9.7      | -22.7                           | -1.3            |
| JUN.      | -10.9              | -28.6            | -3.9                       | 8.0      | -12.5                           | -16.6           | -3.1                        | -31.5            | -13.8                      | 9.4      | -21.1                           | -4.3            |
| JUL.      | -8.1               | 14.3             | -6.5                       | 5.5      | -10.8                           | -14.2           | -3.9                        | -27.0            | -12.9                      | 8.8      | -19.7                           | -5.9            |
| AGO.      | -10.4              | -7.1             | -16.2                      | 5.1      | -12.5                           | -15.0           | -4.8                        | -25.2            | -13.3                      | 8.3      | -18.8                           | -7.2            |
| SET.      | -10.8              | -26.7            | -13.2                      | 15.4     | -4.2                            | -18.0           | -5.5                        | -25.3            | -13.3                      | 9.1      | -17.2                           | -8.6            |
| OCT.      | -10.8              | -21.4            | -13.2                      | 11.1     | 0.4                             | -18.1           | -6.1                        | -25.0            | -13.3                      | 9.3      | -15.6                           | -9.7            |
| NOV.      | -9.7               | -8.3             | -10.8                      | 2.6      | 33.5                            | -18.2           | -6.4                        | -24.0            | -13.1                      | 8.7      | -12.3                           | -10.5           |
| DIC.      | -2.6               | 0.0              | 5.0                        | 7.9      | 87.5                            | -16.9           | -6.1                        | -22.6            | -11.6                      | 8.6      | -6.6                            | -11.1           |
| 2011 ENE. | 8.0                | -30.8            | 7.7                        | 11.1     | 72.7                            | -0.2            | 8.0                         | -30.8            | 7.7                        | 11.1     | 72.7                            | -0.2            |
| FEB.      | 7.7                | -40.0            | 10.8                       | 4.6      | 87.5                            | 0.0             | 7.9                         | -35.7            | 9.2                        | 7.8      | 80.0                            | -0.1            |
| MAR.      | 0.3                | -26.7            | 13.7                       | 1.0      | 34.0                            | -6.1            | 5.2                         | -32.6            | 10.7                       | 5.5      | 60.7                            | -2.2            |
| ABR.      | 9.9                | -14.3            | 23.2                       | 5.3      | 81.4                            | -1.2            | 6.4                         | -28.1            | 13.7                       | 5.5      | 66.5                            | -2.0            |
| MAY.      | 6.7                | 6.7              | 26.7                       | 7.1      | 50.0                            | -2.9            | 6.5                         | -20.8            | 16.2                       | 5.8      | 62.9                            | -2.2            |
| JUN.      | 5.2                | 6.7              | 23.2                       | 0.5      | 35.7                            | -0.8            | 6.2                         | -16.1            | 17.3                       | 4.9      | 58.2                            | -1.9            |
| JUL.      | 3.9                | 6.2              | 30.0                       | -1.1     | 35.5                            | -3.2            | 5.9                         | -12.6            | 19.1                       | 4.0      | 54.7                            | -2.1            |
| AGO.      | 2.4                | -23.1            | 46.7                       | -7.2     | 40.5                            | -5.3            | 5.5                         | -13.8            | 22.4                       | 2.6      | 52.9                            | -2.5            |
| SET.      | 1.4                | 36.4             | 40.0                       | -13.9    | 10.9                            | -2.0            | 5.0                         | -9.4             | 24.3                       | 0.6      | 47.7                            | -2.5            |
| OCT.      | 6.6                | 36.4             | 33.3                       | -9.6     | 25.4                            | 2.9             | 5.2                         | -5.8             | 25.2                       | -0.5     | 45.2                            | -1.9            |
| NOV.      | 7.3                | 36.4             | 29.7                       | -2.5     | 24.4                            | 2.1             | 5.4                         | -2.7             | 25.6                       | -0.7     | 43.1                            | -1.5            |
| DIC.      | 5.4                | 33.3             | 14.3                       | -2.5     | -4.8                            | 7.8             | 5.4                         | 0.0              | 24.5                       | -0.8     | 37.6                            | -0.8            |
| 2012 ENE. | 11.4               | 77.8             | 31.4                       | -2.4     | 3.8                             | 10.9            | 11.4                        | 77.8             | 31.4                       | -2.4     | 3.8                             | 10.9            |
| FEB.      | 8.8                | 100.0            | 19.4                       | 3.4      | -11.6                           | 11.3            | 10.1                        | 88.9             | 25.4                       | 0.5      | -4.1                            | 11.1            |
| MAR.      | 12.6               | 72.7             | 13.9                       | 13.5     | -10.4                           | 16.6            | 10.9                        | 82.8             | 21.5                       | 4.6      | -6.3                            | 13.0            |
| ABR.      | 6.8                | 58.3             | 5.3                        | 1.5      | -25.0                           | 17.7            | 9.8                         | 75.6             | 17.2                       | 3.9      | -12.0                           | 14.3            |
| MAY.      | 7.2                | 12.5             | 5.3                        | 4.6      | -10.7                           | 13.2            | 9.3                         | 57.9             | 14.8                       | 4.0      | -11.7                           | 14.0            |
| JUN.      | 6.6                | -25.0            | 2.6                        | 15.9     | -13.2                           | 13.9            | 8.8                         | 39.7             | 12.7                       | 5.9      | -11.9                           | 14.0            |
| JUL.      | 4.6                | -29.4            | 2.6                        | 12.7     | -17.4                           | 14.2            | 8.2                         | 26.7             | 11.2                       | 6.8      | -12.7                           | 14.0            |
| AGO.      | 7.5                | 20.0             | 2.3                        | 21.7     | -18.8                           | 13.2            | 8.1                         | 26.0             | 9.9                        | 8.5      | -13.4                           | 13.9            |
| SET.      | 10.3               | -20.0            | 7.1                        | 18.3     | -3.0                            | 17.4            | 8.4                         | 20.0             | 9.5                        | 9.6      | -12.4                           | 14.3            |
| OCT.      | 3.2                | 0.0              | 12.5                       | 14.3     | -12.3                           | 3.9             | 7.8                         | 17.7             | 9.8                        | 10.0     | -12.4                           | 13.2            |
| NOV.      | 3.5                | 0.0              | 10.0                       | 10.7     | -9.9                            | 4.4             | 7.4                         | 15.9             | 9.9                        | 10.1     | -12.2                           | 12.4            |
| DIC.      | 2.1                | -6.3             | 10.0                       | 9.1      | -7.8                            | 1.8             | 6.9                         | 13.7             | 9.9                        | 10.0     | -11.9                           | 11.4            |
| 2013 ENE. | -1.3               | 0.0              | -8.7                       | 7.4      | -13.7                           | -1.3            | -1.3                        | 0.0              | -8.7                       | 7.4      | -13.7                           | -1.3            |
| FEB.      | -0.2               | -11.1            | -9.3                       | 2.8      | 8.3                             | -7.6            | -0.7                        | -5.9             | -9.0                       | 5.1      | -3.3                            | -4.5            |
| MAR.      | -2.2               | -10.5            | -7.3                       | 0.0      | -9.5                            | 0.8             | -1.3                        | -7.5             | -8.5                       | 3.3      | -5.3                            | -2.6            |
| ABR.      | 2.2                | 5.3              | 5.0                        | 13.5     | -1.7                            | -2.9            | -0.4                        | -4.2             | -5.3                       | 5.8      | -4.4                            | -2.7            |
| MAY.      | 1.3                | 5.6              | 5.0                        | 8.8      | -3.5                            | -2.8            | 0.0                         | -2.2             | -3.3                       | 6.4      | -4.2                            | -2.7            |
| JUN.      | 4.3                | -16.7            | 23.1                       | 1.4      | 16.1                            | -4.9            | 0.7                         | -3.9             | 0.8                        | 5.5      | -1.2                            | -3.1            |
| JUL.      | 5.1                | 0.0              | 40.0                       | 4.2      | 6.7                             | -3.6            | 1.3                         | -3.5             | 6.2                        | 5.3      | -0.2                            | -3.1            |
| AGO.      | 1.3                | 0.0              | 13.3                       | -5.6     | 6.7                             | -1.8            | 1.3                         | -3.2             | 7.2                        | 3.9      | 0.6                             | -3.0            |
| SET.      | 2.9                | 41.7             | 15.6                       | -2.9     | 6.5                             | -2.6            | 1.5                         | 0.7              | 8.2                        | 3.2      | 1.2                             | -2.9            |
| OCT.      | 6.4                | 6.7              | 13.3                       | -2.8     | 6.5                             | 9.1             | 2.0                         | 1.3              | 8.7                        | 2.5      | 1.7                             | -1.7            |
| NOV.      | 0.8                | 6.7              | 18.2                       | -5.6     | -6.1                            | 2.9             | 1.9                         | 1.8              | 9.6                        | 1.8      | 1.0                             | -1.3            |
| DIC.      | 1.6                | 6.7              | 18.2                       | -4.2     | -6.1                            | 4.3             | 1.8                         | 2.2              | 10.4                       | 1.3      | 0.4                             | -0.8            |
| 2014 ENE. | -0.4               | 6.3              | 23.8                       | -8.3     | -6.3                            | -0.6            | -0.4                        | 6.3              | 23.8                       | -8.3     | -6.3                            | -0.6            |
| FEB.      | -4.6               | 6.3              | 17.9                       | -7.0     | -16.7                           | -1.6            | -2.5                        | 6.3              | 21.0                       | -7.7     | -11.8                           | -1.1            |
| MAR.      | -1.9               | 5.9              | 21.1                       | -8.3     | -3.1                            | -4.2            | -2.3                        | 6.1              | 21.0                       | -7.9     | -9.0                            | -2.3            |
| ABR.      | -6.9               | -10.0            | 19.0                       | -10.7    | -19.4                           | -2.7            | -3.5                        | 1.4              | 20.5                       | -8.6     | -11.8                           | -2.4            |
| MAY.      | -6.0               | -5.3             | 19.0                       | -16.4    | -17.6                           | 0.1             | -4.1                        | 0.0              | 20.2                       | -10.2    | -12.9                           | -1.9            |
| JUN.      | -8.6               | 80.0             | -2.1                       | -9.6     | -36.1                           | 3.5             | -4.8                        | 8.2              | 15.9                       | -10.1    | -17.0                           | -1.0            |
| JUL.      | -11.3              | 8.3              | -23.2                      | -11.9    | -31.3                           | 4.0             | -5.8                        | 8.2              | 8.8                        | -10.3    | -18.9                           | -0.3            |
| AGO.      | -7.9               | 8.3              | -15.7                      | -6.6     | -28.1                           | 5.4             | -6.0                        | 8.2              | 5.3                        | -9.9     | -20.0                           | 0.5             |
| SET.      | -6.0               | -23.5            | -17.3                      | -6.6     | -6.1                            | -0.1            | -6.0                        | 4.3              | 2.4                        | -9.6     | -18.5                           | 0.4             |
| OCT.      | -7.5               | -18.8            | -15.7                      | -6.5     | -6.1                            | -5.2            | -6.2                        | 1.9              | 0.4                        | -9.3     | -17.3                           | -0.2            |
| NOV.      | -4.9               | -6.3             | -17.3                      | -5.2     | 0.0                             | -3.4            | -6.1                        | 1.2              | -1.4                       | -8.9     | -15.8                           | -0.5            |
| DIC.      | -2.7               | -6.3             | -17.3                      | -0.6     | 3.2                             | -2.1            | -5.8                        | 0.5              | -2.8                       | -8.2     | -14.3                           | -0.6            |
| 2015 ENE. | -4.6               | 5.9              | -9.6                       | 2.4      | -20.0                           | 3.2             | -4.6                        | 5.9              | -9.6                       | 2.4      | -20.0                           | 3.2             |
| FEB.      | 2.6                | 5.9              | 6.5                        | 2.4      | -6.7                            | 7.4             | -1.1                        | 5.9              | -2.0                       | 2.4      | -13.3                           | 5.2             |
| MAR.      | 9.2                | 0.0              | 8.7                        | 10.2     | 12.9                            | 7.5             | 2.5                         | 3.8              | 1.4                        | 5.0      | -4.4                            | 6.1             |

**CIUDAD DE MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 10  
A 49 TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| ABR.      | 26.3               | 0.0              | 0.0                        | 7.0      | 96.6                            | 5.9             | 8.6                         | 2.9              | 1.0                        | 5.5      | 20.0                            | 6.0             |
| MAY.      | 31.2               | -5.6             | 0.0                        | 7.5      | -                               | 14.3            | 13.1                        | 1.1              | 0.8                        | 5.9      | 21.6                            | 7.7             |
| JUN.      | 28.8               | -5.6             | 10.6                       | 0.9      | -                               | 2.0             | 15.7                        | 0.0              | 2.4                        | 5.0      | 26.3                            | 6.8             |
| JUL.      | 32.7               | -7.7             | 18.6                       | 3.5      | -                               | 3.2             | 18.0                        | -0.8             | 4.5                        | 4.8      | 30.6                            | 6.2             |
| AGO.      | 28.4               | 0.0              | 16.3                       | -4.8     | -                               | 1.9             | 19.3                        | -0.8             | 5.8                        | 3.6      | 33.3                            | 5.6             |
| SET.      | 22.0               | 15.4             | 11.6                       | 0.0      | -                               | 2.6             | 19.6                        | 0.7              | 6.4                        | 3.2      | 31.2                            | 5.3             |
| OCT.      | 18.8               | 7.7              | 11.6                       | -1.6     | -                               | -0.7            | 19.5                        | 1.3              | 6.9                        | 2.8      | 29.5                            | 4.7             |
| NOV.      | 21.1               | -13.3            | 17.1                       | -9.7     | -                               | 7.4             | 19.6                        | 0.0              | 7.8                        | 1.7      | 28.2                            | 4.9             |
| DIC.      | 15.6               | -6.7             | 11.6                       | -20.9    | -                               | 5.9             | 19.3                        | -0.5             | 8.1                        | -0.3     | 26.7                            | 5.0             |
| 2016 ENE. | 21.7               | -22.2            | 2.1                        | -13.2    | -                               | 3.7             | 21.7                        | -22.2            | 2.1                        | -13.2    | -                               | 3.7             |
| FEB.      | 9.3                | -5.6             | -2.0                       | -28.7    | -                               | -0.1            | 15.4                        | -13.9            | 0.0                        | -20.9    | -                               | 1.8             |
| MAR.      | 0.1                | -11.1            | -4.0                       | -39.1    | -                               | -2.6            | 9.7                         | -13.0            | -1.4                       | -27.3    | -                               | 0.2             |
| ABR.      | -13.4              | -5.6             | 3.0                        | -40.5    | -                               | -1.9            | 2.8                         | -11.1            | -0.2                       | -30.7    | -                               | -0.4            |
| MAY.      | -6.9               | -5.9             | 3.0                        | -19.9    | -                               | -4.9            | 0.5                         | -10.1            | 0.4                        | -28.6    | -                               | -1.4            |
| JUN.      | -0.7               | -5.9             | 5.8                        | -23.6    | -                               | 10.1            | 0.3                         | -9.4             | 1.4                        | -27.8    | -                               | 0.5             |
| JUL.      | -6.5               | -8.3             | 1.0                        | -28.5    | -                               | 2.7             | -0.7                        | -9.3             | 1.3                        | -27.9    | -                               | 0.8             |
| AGO.      | -7.2               | -23.1            | -8.7                       | -21.2    | -                               | 0.6             | -1.6                        | -10.7            | 0.1                        | -27.1    | -                               | 0.8             |
| SET.      | -8.5               | -40.0            | -7.3                       | -27.6    | -                               | 3.3             | -2.4                        | -13.7            | -0.7                       | -27.2    | -                               | 1.1             |
| OCT.      | -4.4               | -35.7            | -12.2                      | -27.6    | -                               | 12.3            | -2.6                        | -15.6            | -1.8                       | -27.2    | -                               | 2.2             |
| NOV.      | -10.6              | -38.5            | -18.6                      | -28.5    | -                               | 3.9             | -3.3                        | -17.3            | -3.4                       | -27.3    | -                               | 2.3             |
| DIC.      | -4.1               | -42.9            | -19.5                      | -7.9     | -                               | 2.6             | -3.4                        | -19.3            | -4.7                       | -26.0    | -                               | 2.4             |
| 2017 ENE. | -11.3              | -42.9            | -19.5                      | -27.2    | -                               | 2.6             | -11.3                       | -42.9            | -19.5                      | -27.2    | -                               | 2.6             |
| FEB.      | -8.1               | -52.9            | -19.5                      | -11.5    | -                               | 0.4             | -9.8                        | -48.4            | -19.5                      | -20.1    | -                               | 1.6             |
| MAR.      | 0.1                | -31.3            | -22.0                      | 11.1     | -                               | 1.4             | -6.5                        | -42.6            | -20.3                      | -11.0    | -                               | 1.5             |
| ABR.      | 5.1                | -11.8            | -16.9                      | 23.1     | -                               | 1.1             | -3.5                        | -34.4            | -19.4                      | -3.5     | -                               | 1.4             |
| MAY.      | -2.4               | -6.3             | -16.9                      | 0.0      | -                               | -0.7            | -3.3                        | -28.8            | -18.9                      | -2.7     | -                               | 0.9             |
| JUN.      | -3.2               | -31.3            | -22.2                      | 9.7      | -                               | -5.0            | -3.3                        | -29.2            | -19.5                      | -0.6     | -                               | -0.1            |
| JUL.      | 2.3                | 0.0              | -22.1                      | 24.1     | -                               | -5.6            | -2.5                        | -26.2            | -19.9                      | 2.8      | -                               | -1.0            |
| AGO.      | 3.0                | -10.0            | -23.8                      | 24.1     | -                               | -3.5            | -1.8                        | -24.8            | -20.3                      | 5.4      | -                               | -1.3            |
| SET.      | 3.3                | 0.0              | -21.8                      | 28.6     | -                               | -6.1            | -1.2                        | -23.0            | -20.5                      | 7.8      | -                               | -1.9            |
| OCT.      | 2.7                | 0.0              | -17.5                      | 21.4     | -                               | -3.8            | -0.8                        | -21.5            | -20.2                      | 9.1      | -                               | -2.1            |
| NOV.      | 8.9                | 12.5             | -15.1                      | 44.0     | -                               | -5.0            | 0.0                         | -19.6            | -19.8                      | 11.8     | -                               | -2.4            |
| DIC.      | 1.9                | 12.5             | -10.0                      | 13.3     | -                               | -3.4            | 0.2                         | -17.9            | -19.1                      | 12.0     | -                               | -2.4            |
| 2018 ENE. | 13.3               | 12.5             | -3.0                       | 42.3     | -                               | -2.0            | 13.3                        | 12.5             | -3.0                       | 42.3     | -                               | -2.0            |
| FEB.      | 15.1               | 12.5             | -3.0                       | 42.3     | -                               | 0.6             | 14.2                        | 12.5             | -3.0                       | 42.3     | -                               | -0.8            |
| MAR.      | 9.2                | -18.2            | 0.0                        | 20.0     | -                               | 5.8             | 12.4                        | 0.0              | -2.0                       | 34.1     | -                               | 1.6             |
| ABR.      | 6.8                | -40.0            | 6.3                        | 18.8     | -                               | 2.3             | 10.8                        | -14.3            | 0.2                        | 29.8     | -                               | 1.8             |
| MAY.      | 1.4                | -40.0            | 6.3                        | 15.6     | -                               | -6.4            | 8.8                         | -21.1            | 1.5                        | 26.7     | -                               | 0.1             |
| JUN.      | -4.9               | -18.2            | 6.3                        | 0.0      | -                               | -10.6           | 6.4                         | -20.6            | 2.3                        | 21.7     | -                               | -1.8            |
| JUL.      | -2.3               | -18.2            | 13.3                       | 5.6      | -                               | -11.1           | 5.0                         | -20.3            | 3.9                        | 19.0     | -                               | -3.1            |
| AGO.      | -4.0               | 0.0              | 30.8                       | 5.6      | -                               | -18.6           | 3.9                         | -18.2            | 6.8                        | 17.1     | -                               | -5.1            |
| SET.      | -3.7               | 0.0              | 30.8                       | 1.2      | -                               | -15.6           | 3.0                         | -16.5            | 9.2                        | 15.1     | -                               | -6.2            |
| OCT.      | -3.4               | 0.0              | 30.8                       | 7.1      | -                               | -18.8           | 2.3                         | -15.1            | 11.1                       | 14.2     | -                               | -7.6            |
| NOV.      | -7.2               | 0.0              | 30.8                       | -0.6     | -                               | -20.9           | 1.4                         | -13.9            | 12.7                       | 12.7     | -                               | -8.8            |
| DIC.      | -0.3               | 0.0              | 30.8                       | 11.8     | -                               | -16.0           | 1.3                         | -12.9            | 14.1                       | 12.7     | -                               | -9.4            |
| 2019 ENE. | -10.0              | 0.0              | 14.3                       | -3.3     | -                               | -20.6           | -10.0                       | 0.0              | 14.3                       | -3.3     | -                               | -20.6           |
| FEB.      | -9.0               | 0.0              | 14.3                       | -5.9     | -                               | -16.9           | -9.5                        | 0.0              | 14.3                       | -4.6     | -                               | -18.8           |
| MAR.      | -11.2              | 0.0              | 28.6                       | -0.6     | -                               | -27.8           | -10.1                       | 0.0              | 19.0                       | -3.3     | -                               | -22.1           |
| ABR.      | -10.1              | 0.0              | 5.9                        | 0.0      | -                               | -22.2           | -10.1                       | 0.0              | 15.3                       | -2.4     | -                               | -22.2           |
| MAY.      | -2.7               | 0.0              | 5.9                        | -5.9     | -                               | -6.0            | -8.6                        | 0.0              | 13.2                       | -3.1     | -                               | -19.0           |
| JUN.      | 5.8                | 0.0              | 0.0                        | 7.1      | -                               | 3.2             | -6.3                        | 0.0              | 10.8                       | -1.5     | -                               | -15.5           |
| JUL.      | 1.9                | 0.0              | 0.0                        | -1.7     | -                               | 3.3             | -5.2                        | 0.0              | 9.1                        | -1.5     | -                               | -13.0           |
| AGO.      | 9.8                | 0.0              | -5.9                       | 0.0      | -                               | 20.7            | -3.4                        | 0.0              | 7.1                        | -1.4     | -                               | -9.4            |
| SET.      | 6.4                | 0.0              | -5.9                       | -4.3     | -                               | 15.8            | -2.3                        | 0.0              | 5.6                        | -1.7     | -                               | -6.8            |
| OCT.      | 6.1                | 0.0              | -5.9                       | 11.3     | -                               | 5.8             | -1.5                        | 0.0              | 4.3                        | -0.4     | -                               | -5.6            |
| NOV. P/   | 12.1               | 0.0              | -5.9                       | 19.5     | -                               | 13.0            | -0.3                        | 0.0              | 3.4                        | 1.4      | -                               | -4.1            |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2009.

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

2/ Variación porcentual de un período comprendido desde enero hasta el mes de referencia del año corriente respecto al mismo período 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 MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 50 A  
MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| 2009 ENE. | 57.7               | -                | -                          | -        | -                            | -6.0            | 57.7                        | -                | -                          | -        | -                            | -6.0            |
| FEB.      | -5.8               | 45.9             | -                          | -        | -                            | -21.4           | 14.7                        | 59.1             | -                          | -        | -                            | -16.4           |
| MAR.      | 3.3                | 52.5             | -                          | -        | -                            | -11.7           | 10.2                        | 56.9             | -                          | -        | -                            | -14.5           |
| ABR.      | -5.0               | 33.2             | -                          | -        | -                            | -10.9           | 3.8                         | 47.6             | -                          | -        | -                            | -12.9           |
| MAY.      | 15.8               | 47.8             | -                          | -        | -                            | 12.0            | 7.4                         | 46.7             | -                          | -        | -                            | -4.9            |
| JUN.      | 29.4               | 58.5             | -                          | -        | -                            | 27.2            | 12.7                        | 48.6             | -                          | -        | -                            | 3.2             |
| JUL.      | 33.6               | 96.5             | -                          | -        | -                            | 24.9            | 16.8                        | 55.6             | -                          | -        | -                            | 7.7             |
| AGO.      | 186.8              | 81.8             | -                          | -        | -                            | 269.3           | 30.2                        | 58.9             | -                          | -        | -                            | 23.2            |
| SET.      | -29.6              | 55.2             | -                          | -        | -                            | -49.3           | 21.2                        | 57.8             | -                          | -        | -                            | 12.2            |
| OCT.      | 27.6               | 53.7             | -                          | -        | -                            | 25.1            | 22.1                        | 56.9             | -                          | -        | -                            | 14.0            |
| NOV.      | 22.3               | 38.7             | -                          | -        | -                            | 21.4            | 22.1                        | 54.2             | -                          | -        | -                            | 15.0            |
| DIC.      | 22.3               | 32.1             | -                          | -        | -                            | 23.0            | 22.1                        | 51.4             | -                          | -        | -                            | 15.9            |
| 2010 ENE. | 260.1              | 35.9             | -                          | -        | -                            | 552.7           | 260.1                       | 35.9             | -                          | -        | -                            | 552.7           |
| FEB.      | 49.4               | 37.9             | -                          | -        | -                            | 56.9            | 143.1                       | 36.8             | -                          | -        | -                            | 237.4           |
| MAR.      | 78.0               | 37.7             | -                          | -        | -                            | 102.8           | 118.7                       | 37.1             | -                          | -        | -                            | 182.0           |
| ABR.      | 7.7                | 32.9             | -                          | -        | -                            | -0.9            | 75.8                        | 36.0             | -                          | -        | -                            | 97.6            |
| MAY.      | 31.3               | 43.2             | -                          | -        | -                            | 27.0            | 61.1                        | 37.6             | -                          | -        | -                            | 70.7            |
| JUN.      | 12.7               | 18.8             | -                          | -        | -                            | 10.3            | 47.8                        | 34.2             | -                          | -        | -                            | 52.0            |
| JUL.      | -0.5               | -34.9            | -                          | -        | -                            | 8.4             | 36.9                        | 21.0             | -                          | -        | -                            | 41.6            |
| AGO.      | 8.8                | -31.1            | -                          | -        | -                            | 20.5            | 32.0                        | 12.6             | -                          | -        | -                            | 37.8            |
| SET.      | -14.4              | -28.4            | -                          | -        | -                            | -14.3           | 27.9                        | 7.0              | -                          | -        | -                            | 34.3            |
| OCT.      | -4.0               | -26.3            | -                          | -        | -                            | 0.6             | 23.2                        | 3.1              | -                          | -        | -                            | 29.0            |
| NOV.      | -2.8               | -34.8            | -                          | -        | -                            | 5.4             | 19.9                        | -1.0             | -                          | -        | -                            | 25.8            |
| DIC.      | -3.3               | -34.1            | -                          | -        | -                            | 4.4             | 17.2                        | -4.2             | -                          | -        | -                            | 23.2            |
| 2011 ENE. | -75.2              | -36.7            | -                          | -        | -                            | -90.6           | -75.2                       | -36.7            | -                          | -        | -                            | -90.6           |
| FEB.      | -27.3              | -24.6            | -                          | -        | -                            | -37.9           | -58.9                       | -31.1            | -                          | -        | -                            | -75.0           |
| MAR.      | 7.7                | -21.6            | -                          | -        | -                            | 16.6            | -38.6                       | -28.0            | -                          | -        | -                            | -47.9           |
| ABR.      | 1.2                | -21.7            | -                          | -        | -                            | 6.9             | -29.2                       | -26.5            | -                          | -        | -                            | -35.2           |
| MAY.      | -2.5               | -34.5            | -                          | -        | -                            | 6.8             | -22.0                       | -28.3            | -                          | -        | -                            | -23.3           |
| JUN.      | -2.1               | -27.8            | -                          | -        | -                            | 4.4             | -17.8                       | -28.2            | -                          | -        | -                            | -17.1           |
| JUL.      | 2.6                | -1.7             | -                          | -        | -                            | 3.9             | -14.5                       | -25.5            | -                          | -        | -                            | -13.2           |
| AGO.      | 1.4                | -2.0             | -                          | -        | -                            | 2.2             | -12.2                       | -23.2            | -                          | -        | -                            | -10.8           |
| SET.      | 40.3               | -17.8            | -                          | -        | -                            | 89.2            | -9.1                        | -22.7            | -                          | -        | -                            | -6.5            |
| OCT.      | 12.1               | -20.4            | -                          | -        | -                            | 20.9            | -6.7                        | -22.5            | -                          | -        | -                            | -3.1            |
| NOV.      | 10.6               | -12.0            | -                          | -        | -                            | 15.7            | -4.9                        | -21.8            | -                          | -        | -                            | -1.0            |
| DIC.      | 9.7                | -14.1            | -                          | -        | -                            | 15.1            | -3.5                        | -21.2            | -                          | -        | -                            | 0.7             |
| 2012 ENE. | 10.2               | -15.4            | -                          | -        | -                            | 75.0            | 10.2                        | -15.4            | -                          | -        | -                            | 75.0            |
| FEB.      | 24.4               | -17.2            | -                          | -        | -                            | 63.0            | 18.8                        | -16.3            | -                          | -        | -                            | 66.2            |
| MAR.      | -9.8               | -24.8            | -                          | -        | -                            | -6.9            | 3.5                         | -19.3            | -                          | -        | -                            | 17.8            |
| ABR.      | -3.6               | -27.2            | -                          | -        | -                            | 2.9             | 1.1                         | -21.4            | -                          | -        | -                            | 12.1            |
| MAY.      | -10.8              | -27.2            | -                          | -        | -                            | -11.1           | -2.9                        | -22.6            | -                          | -        | -                            | 2.9             |
| JUN.      | -9.4               | -19.4            | -                          | -        | -                            | -11.5           | -4.5                        | -22.1            | -                          | -        | -                            | -1.1            |
| JUL.      | 0.1                | -15.2            | -                          | -        | -                            | -1.6            | -3.6                        | -21.2            | -                          | -        | -                            | -1.2            |
| AGO.      | 0.7                | -18.6            | -                          | -        | -                            | 0.2             | -2.9                        | -20.8            | -                          | -        | -                            | -1.0            |
| SET.      | -3.6               | -2.4             | -                          | -        | -                            | -4.3            | -3.0                        | -19.0            | -                          | -        | -                            | -1.3            |
| OCT.      | -12.0              | 2.4              | -                          | -        | -                            | -18.0           | -4.2                        | -17.2            | -                          | -        | -                            | -3.8            |
| NOV.      | -8.3               | 3.7              | -                          | -        | -                            | -14.2           | -4.7                        | -15.5            | -                          | -        | -                            | -5.2            |
| DIC.      | -3.9               | 8.9              | -                          | -        | -                            | -10.2           | -4.6                        | -13.8            | -                          | -        | -                            | -5.8            |
| 2013 ENE. | 240.0              | 14.3             | -                          | -        | -                            | 493.2           | 240.0                       | 14.3             | -                          | -        | -                            | 493.2           |
| FEB.      | 15.4               | 15.6             | -                          | -        | -                            | 17.7            | 98.2                        | 14.9             | -                          | -        | -                            | 150.3           |
| MAR.      | 28.0               | 17.1             | -                          | -        | -                            | 31.2            | 65.5                        | 15.7             | -                          | -        | -                            | 87.9            |
| ABR.      | 26.7               | 20.0             | -                          | -        | -                            | 28.9            | 53.0                        | 16.7             | -                          | -        | -                            | 67.2            |
| MAY.      | 37.4               | 21.3             | -                          | -        | -                            | 39.5            | 48.2                        | 17.6             | -                          | -        | -                            | 57.8            |
| JUN.      | 43.6               | 20.0             | -                          | -        | -                            | 46.7            | 47.1                        | 18.0             | -                          | -        | -                            | 55.0            |
| JUL.      | 32.8               | 15.4             | -                          | -        | -                            | 34.8            | 44.2                        | 17.6             | -                          | -        | -                            | 50.6            |
| AGO.      | -32.4              | 13.9             | -                          | -        | -                            | -38.4           | 31.1                        | 17.2             | -                          | -        | -                            | 34.6            |
| SET.      | 18.3               | 11.1             | -                          | -        | -                            | 20.1            | 29.9                        | 16.5             | -                          | -        | -                            | 33.3            |
| OCT.      | 41.0               | 7.1              | -                          | -        | -                            | 45.8            | 31.3                        | 15.4             | -                          | -        | -                            | 34.9            |
| NOV.      | 41.0               | 6.0              | -                          | -        | -                            | 45.8            | 32.4                        | 14.5             | -                          | -        | -                            | 36.2            |
| DIC.      | 35.2               | 3.5              | -                          | -        | -                            | 39.3            | 32.7                        | 13.5             | -                          | -        | -                            | 36.6            |
| 2014 ENE. | -47.7              | 0.0              | -                          | -        | -                            | -55.3           | -47.7                       | 0.0              | -                          | -        | -                            | -55.3           |
| FEB.      | 41.4               | -3.4             | -                          | -        | -                            | 55.5            | -14.9                       | -1.7             | -                          | -        | -                            | -17.7           |
| MAR.      | 9.8                | -3.4             | -                          | -        | -                            | 12.4            | -6.0                        | -2.3             | -                          | -        | -                            | -6.7            |
| ABR.      | 10.9               | -3.3             | -                          | -        | -                            | 13.7            | -1.5                        | -2.5             | -                          | -        | -                            | -1.2            |
| MAY.      | 9.7                | -2.2             | -                          | -        | -                            | 11.3            | 1.7                         | -2.5             | -                          | -        | -                            | 2.6             |
| JUN.      | 8.5                | 3.3              | -                          | -        | -                            | 9.2             | 3.3                         | -1.5             | -                          | -        | -                            | 4.2             |
| JUL.      | 7.0                | 5.6              | -                          | -        | -                            | 7.4             | 4.0                         | -0.5             | -                          | -        | -                            | 4.8             |
| AGO.      | -8.7               | 5.6              | -                          | -        | -                            | -11.9           | 2.9                         | 0.3              | -                          | -        | -                            | 3.4             |
| SET.      | 83.9               | 5.6              | -                          | -        | -                            | 102.2           | 9.5                         | 0.9              | -                          | -        | -                            | 11.0            |
| OCT.      | 3.2                | 3.3              | -                          | -        | -                            | 3.3             | 8.7                         | 1.1              | -                          | -        | -                            | 10.0            |
| NOV.      | 1.3                | 7.9              | -                          | -        | -                            | 0.8             | 7.8                         | 1.7              | -                          | -        | -                            | 8.8             |
| DIC.      | -0.2               | 11.2             | -                          | -        | -                            | -1.2            | 6.9                         | 2.5              | -                          | -        | -                            | 7.6             |
| 2015 ENE. | 2.3                | 13.6             | -                          | -        | -                            | -1.5            | 2.3                         | 13.6             | -                          | -        | -                            | -1.5            |
| FEB.      | 15.1               | 14.0             | -                          | -        | -                            | 15.6            | 10.1                        | 13.8             | -                          | -        | -                            | 9.4             |
| MAR.      | 7.5                | 17.4             | -                          | -        | -                            | 6.2             | 9.0                         | 15.0             | -                          | -        | -                            | 8.0             |
| ABR.      | 1.3                | 17.2             | -                          | -        | -                            | -0.9            | 6.7                         | 15.6             | -                          | -        | -                            | 5.2             |
| MAY.      | 2.2                | 20.2             | -                          | -        | -                            | 0.6             | 5.3                         | 16.5             | -                          | -        | -                            | 3.7             |

**CIUDAD DE MOQUEGUA: VARIACIÓN ANUAL Y VARIACIÓN PROMEDIO ANUAL DEL EMPLEO EN EMPRESAS PRIVADAS FORMALES DE 50 A MÁS TRABAJADORES POR RAMA DE ACTIVIDAD ECONÓMICA, ENERO 2009 - 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/ |
| JUN.      | 2.7                | 16.1          | -                       | -        | -                         | 1.6          | 4.7                         | 16.4          | -                       | -        | -                         | 3.2          |
| JUL.      | 2.7                | 13.7          | -                       | -        | -                         | 1.9          | 4.3                         | 16.0          | -                       | -        | -                         | 2.9          |
| AGO.      | 19.0               | 12.6          | -                       | -        | -                         | 11.3         | 5.4                         | 15.6          | -                       | -        | -                         | 3.5          |
| SET.      | 14.5               | 11.6          | -                       | -        | -                         | 14.3         | 6.7                         | 15.1          | -                       | -        | -                         | 5.0          |
| OCT.      | 8.2                | 12.9          | -                       | -        | -                         | 6.5          | 6.9                         | 14.9          | -                       | -        | -                         | 5.2          |
| NOV.      | 5.8                | 8.3           | -                       | -        | -                         | 4.2          | 6.8                         | 14.3          | -                       | -        | -                         | 5.1          |
| DIC.      | 8.7                | 3.0           | -                       | -        | -                         | 8.1          | 7.0                         | 13.2          | -                       | -        | -                         | 5.4          |
| 2016 ENE. | 13.7               | 1.0           | -                       | -        | -                         | -2.8         | 13.7                        | 1.0           | -                       | -        | -                         | -2.8         |
| FEB.      | 9.2                | 0.0           | -                       | -        | -                         | 3.8          | 10.8                        | 0.5           | -                       | -        | -                         | 1.6          |
| MAR.      | 9.6                | -11.9         | -                       | -        | -                         | 7.5          | 10.3                        | -3.7          | -                       | -        | -                         | 4.2          |
| ABR.      | 12.8               | -13.7         | -                       | -        | -                         | 11.3         | 11.0                        | -6.2          | -                       | -        | -                         | 6.3          |
| MAY.      | 0.9                | -17.8         | -                       | -        | -                         | 1.6          | 8.0                         | -8.7          | -                       | -        | -                         | 4.8          |
| JUN.      | -0.5               | -19.4         | -                       | -        | -                         | -0.2         | 6.0                         | -10.6         | -                       | -        | -                         | 3.6          |
| JUL.      | -1.8               | -19.4         | -                       | -        | 25.0                      | -1.5         | 4.5                         | -11.9         | -                       | -        | 24.8                      | 2.5          |
| AGO.      | 4.9                | -18.7         | -                       | -        | 23.1                      | 8.6          | 4.5                         | -12.8         | -                       | -        | 23.8                      | 3.0          |
| SET.      | -17.9              | -17.0         | -                       | -        | 12.9                      | -20.3        | 1.2                         | -13.2         | -                       | -        | 20.3                      | -0.6         |
| OCT.      | -19.5              | -17.1         | -                       | -        | 2.6                       | -21.5        | -1.5                        | -13.6         | -                       | -        | 15.5                      | -3.4         |
| NOV.      | -14.8              | -14.4         | -                       | -        | 1.3                       | -16.1        | -3.0                        | -13.7         | -                       | -        | 12.5                      | -4.9         |
| DIC.      | -14.3              | -11.8         | -                       | -        | 2.6                       | -15.9        | -4.2                        | -13.5         | -                       | -        | 10.6                      | -6.1         |
| 2017 ENE. | 3.2                | -8.9          | -                       | -        | -2.6                      | 10.4         | 3.2                         | -8.9          | -                       | -        | -2.6                      | 10.4         |
| FEB.      | -6.4               | -7.1          | -                       | -        | -6.3                      | -6.3         | -2.9                        | -8.0          | -                       | -        | -4.5                      | -1.1         |
| MAR.      | -4.9               | 3.4           | -                       | -        | -11.1                     | -5.2         | -3.7                        | -4.5          | -                       | -        | -6.7                      | -3.0         |
| ABR.      | -4.0               | 1.1           | -                       | -        | 0.0                       | -5.3         | -3.8                        | -3.2          | -                       | -        | -5.0                      | -3.7         |
| MAY.      | -11.4              | 2.3           | -                       | -        | 10.4                      | -14.7        | -5.9                        | -2.2          | -                       | -        | -2.0                      | -7.0         |
| JUN.      | -10.1              | 3.4           | -                       | -        | -3.7                      | -11.9        | -6.9                        | -1.3          | -                       | -        | -2.3                      | -8.2         |
| JUL.      | -11.0              | 5.7           | -                       | -        | 7.5                       | -14.3        | -7.6                        | -0.3          | -                       | -        | -0.9                      | -9.4         |
| AGO.      | 11.5               | 5.7           | -                       | -        | 10.0                      | 13.1         | -5.9                        | 0.4           | -                       | -        | 0.5                       | -7.6         |
| SET.      | -24.6              | 4.5           | -                       | -        | 11.4                      | -32.1        | -8.2                        | 0.9           | -                       | -        | 1.7                       | -10.6        |
| OCT.      | 1.2                | 5.7           | -                       | -        | 11.4                      | -0.5         | -7.2                        | 1.3           | -                       | -        | 2.6                       | -9.5         |
| NOV.      | 4.4                | 4.5           | -                       | -        | 11.4                      | 3.7          | -6.0                        | 1.6           | -                       | -        | 3.4                       | -8.1         |
| DIC.      | 8.8                | 4.4           | -                       | -        | 10.0                      | 9.2          | -4.6                        | 1.9           | -                       | -        | 4.0                       | -6.4         |
| 2018 ENE. | 24.2               | 4.3           | -                       | -        | -9.2                      | 41.1         | 24.2                        | 4.3           | -                       | -        | -9.2                      | 41.1         |
| FEB.      | -10.4              | 5.5           | -                       | -        | -9.5                      | -13.5        | 3.2                         | 4.9           | -                       | -        | -9.3                      | 5.3          |
| MAR.      | 8.1                | 5.4           | -                       | -        | 5.6                       | 8.8          | 5.2                         | 5.1           | -                       | -        | -4.5                      | 6.8          |
| ABR.      | -24.1              | 9.0           | -                       | -        | -8.5                      | -31.3        | -3.3                        | 6.0           | -                       | -        | -5.6                      | -4.7         |
| MAY.      | 8.5                | 10.0          | -                       | -        | -7.1                      | 9.9          | -0.2                        | 6.8           | -                       | -        | -5.9                      | -0.5         |
| JUN.      | 5.9                | 23.3          | -                       | -        | -7.6                      | 5.2          | 1.1                         | 9.6           | -                       | -        | -6.2                      | 0.8          |
| JUL.      | 10.2               | 26.1          | -                       | -        | -9.3                      | 10.4         | 2.7                         | 11.9          | -                       | -        | -6.7                      | 2.5          |
| AGO.      | 3.1                | 28.3          | -                       | -        | -9.1                      | -8.3         | 2.8                         | 14.0          | -                       | -        | -7.0                      | 1.5          |
| SET.      | 17.4               | 28.3          | -                       | -        | -14.8                     | 14.9         | 4.2                         | 15.6          | -                       | -        | -7.9                      | 2.7          |
| OCT.      | 19.9               | 31.5          | -                       | -        | -14.8                     | 22.3         | 6.0                         | 17.2          | -                       | -        | -8.7                      | 5.1          |
| NOV.      | 13.5               | 49.5          | -                       | -        | -14.8                     | 12.2         | 6.9                         | 20.2          | -                       | -        | -9.3                      | 5.9          |
| DIC.      | 6.8                | 57.4          | -                       | -        | -18.3                     | 3.7          | 6.8                         | 23.4          | -                       | -        | -10.1                     | 5.6          |
| 2019 ENE. | -4.0               | 54.2          | -                       | -        | 16.0                      | -38.8        | -4.0                        | 54.2          | -                       | -        | 16.0                      | -38.8        |
| FEB.      | 26.3               | 109.4         | -                       | -        | 11.9                      | 2.3          | 11.9                        | 81.8          | -                       | -        | 14.0                      | -16.7        |
| MAR.      | 23.8               | 121.6         | -                       | -        | -1.4                      | 10.6         | 16.9                        | 95.2          | -                       | -        | 8.5                       | -4.6         |
| ABR.      | 32.7               | 74.2          | -                       | -        | -0.1                      | 20.2         | 20.5                        | 89.9          | -                       | -        | 6.2                       | 0.8          |
| MAY.      | 7.1                | 76.8          | -                       | -        | -2.5                      | -0.2         | 16.7                        | 87.2          | -                       | -        | 4.3                       | 0.5          |
| JUN.      | 11.0               | 65.8          | -                       | -        | 5.5                       | 4.4          | 15.4                        | 83.2          | -                       | -        | 4.5                       | 1.4          |
| JUL.      | 12.6               | 65.5          | -                       | -        | -5.2                      | 7.7          | 14.9                        | 80.3          | -                       | -        | 3.1                       | 2.7          |
| AGO.      | 4.9                | 69.5          | -                       | -        | -7.6                      | -12.0        | 13.8                        | 78.8          | -                       | -        | 1.6                       | 1.4          |
| SET.      | 1.6                | 75.4          | -                       | -        | -6.8                      | -13.9        | 12.5                        | 78.4          | -                       | -        | 0.7                       | -0.2         |
| OCT.      | 4.5                | 81.0          | -                       | -        | -13.5                     | -4.2         | 11.4                        | 78.7          | -                       | -        | -0.7                      | -0.8         |
| NOV. P/   | 6.6                | 64.7          | -                       | -        | -13.5                     | -0.6         | 10.8                        | 77.1          | -                       | -        | -1.9                      | -0.8         |

**Nota:** La información corresponde al primer día de cada mes. El análisis de la ciudad se inició en enero 2009.

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.

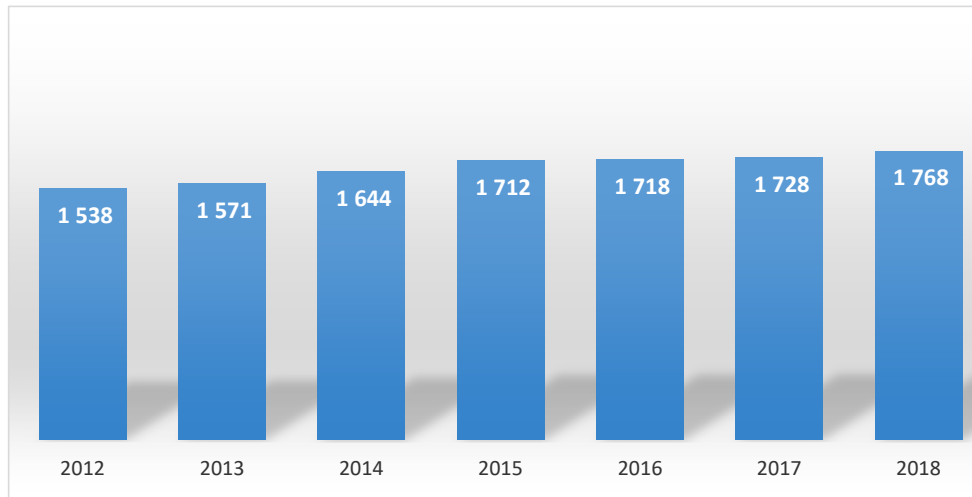
4/ Conformada por las subramas servicios prestados a empresas, restaurantes y hoteles, establecimientos financieros, enseñanza, servicios sociales y comunales; y electricidad, gas y agua.

P/ Cifras preliminares.

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

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

## MOQUEGUA: PROMEDIO DE EMPRESAS DEL SECTOR PRIVADO



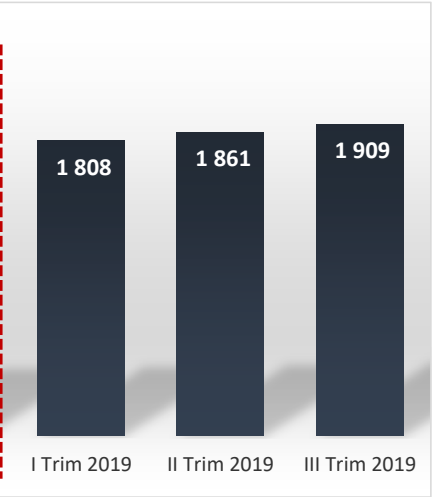
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

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

| REGIÓN   | 2012    | 2013    | 2014    | 2015    | 2016    |
|----------|---------|---------|---------|---------|---------|
| MOQUEGUA | 1,538   | 1,571   | 1,644   | 1,712   | 1,718   |
| PERÚ     | 242,913 | 253,088 | 261,781 | 273,873 | 282,150 |

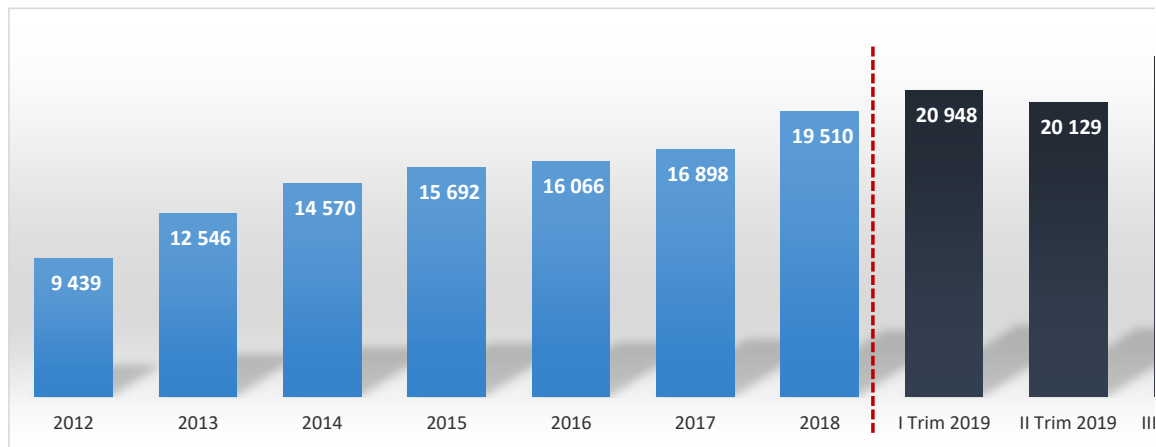
ADO, 2012 - III TRIM 2019

[Volver al índice](#)



| 2017    | 2018    | I Trim 2019 | II Trim 2019 | III Trim 2019 |
|---------|---------|-------------|--------------|---------------|
| 1,728   | 1,768   | 1,808       | 1,861        | 1,909         |
| 284,656 | 293,938 | 297,108     | 301,186      | 305,162       |

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



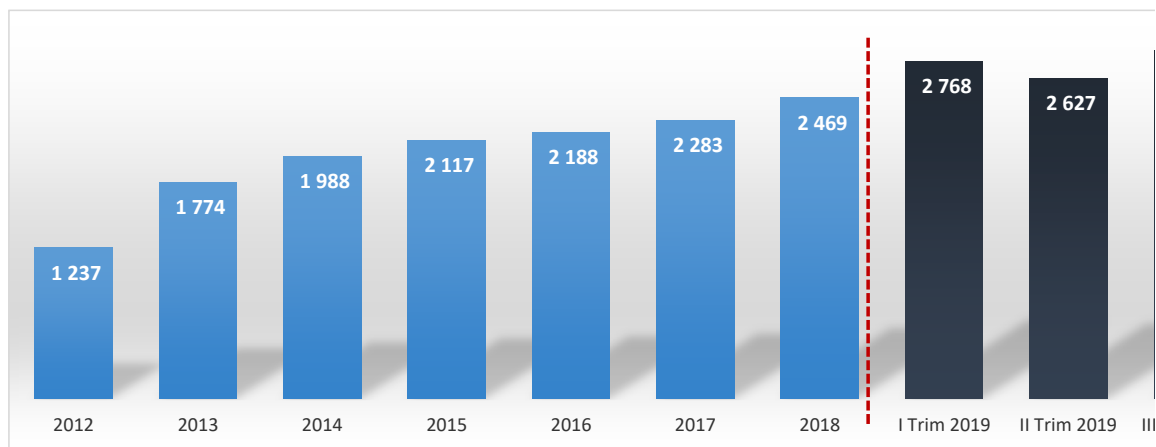
**Fuente:** MTPE – OGETIC – Oficina de Estadística - Planilla Electrónica.

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

I 2019



**MOQUEGUA: PROMEDIO DE REMUNERACIÓN MENSUAL DE REMUNERACIÓN MENSUAL  
TRABAJADORES DEL SECTOR PRIVADO, 2012 - III TRIM 2019  
(Soles)**



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

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

JAL DE

