

NATIONAL INSTITUTE OF STATISTICS AND GEOGRAPHY

National Survey of Occupation and Employment

Assistance with the management of the strategic indicators consultation system (InfoLaboral)

Presentation

The purpose of this document is to facilitate the management of the interactive consultation system of strategic indicators (InfoLaboral) of the National Survey of Occupation and Employment, which is made up of three types of indicators or options for consultation: strategic indicators, comparatives and statistical precision; as well as methodological information (presentation, methodology, glossary and notes) that support the data management.

The strategic indicators are very different from each other, since some of them have different variables, time coverage, disaggregation by gender and type of data. And as it can be seen in the components of each of them:

Strategic indicators

- Variables: 1. Population, 2. Population aged 14 and over, 3. Population employed, 4. Subordinate and remunerated workers, 5. Non-agricultural subordinate and remunerated workers, 6. Underemployed population, 7. Unemployed population, 8. Non-economically active population, 9. Averages and medians and 10. Rates
- Geographical coverage: national, states and cities
- Time coverage: quarterly
- Gender: total, men and women
- Type of data: absolute and relative

Comparisons

- Geographical coverage: national, states, and cities
- Time coverage: quarterly
- Gender: total, men and women
- Variables: 1. Population, 2. Population aged 14 and over, 3. Population employed, 4. Subordinate and remunerated workers, 5. Non-agricultural subordinate and remunerated workers, 6. Underemployed population, 7. Unemployed population, 8. Non-economically active population, 9. Averages and medians and 10. Rates
- Type of data: absolute and relative

Statistical precision

- Geographic coverage: national, states and cities
- Time coverage: quarterly

In order to obtain an adequate and error-free consultation, an option must be chosen for each of the variables.

Main screen



National Survey of Occupation and Employment (ENOE), population aged 15 years and over.

Interactive query of strategic indicators (InfoLaboral), 2005 onwards

*] See data with population aged 14 years and over

Absolute
 Relative

Strategic indicators of occupation and employment

<input type="checkbox"/> 1. Population <ul style="list-style-type: none"> <input type="checkbox"/> Total <input type="checkbox"/> Under 15 years <input type="checkbox"/> 15 years and over 	<input type="checkbox"/> 4. Workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 4.1. Sector of economic activity <input type="checkbox"/> 4.2. Income level <input type="checkbox"/> 4.3. Length of working day <input type="checkbox"/> 4.4. Status of access to health institutions <input type="checkbox"/> 4.5. Labor benefits (without considering access to health institutions) <input type="checkbox"/> 4.6. Availability of written contract 	<input type="checkbox"/> 8. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> 8.1 Availability status
<input type="checkbox"/> 2. Population aged 15 years and over <ul style="list-style-type: none"> <input type="checkbox"/> 2.1. Economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Employed population <input type="checkbox"/> Unemployed population <input type="checkbox"/> 2.2. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Available population <input type="checkbox"/> Unavailable population 	<input type="checkbox"/> 5. Non-agricultural workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 5.1. Size of the economic unit 	<input type="checkbox"/> 9. Averages and medians <ul style="list-style-type: none"> <input type="checkbox"/> 9.1. Averages and medians
<input type="checkbox"/> 3. Population employed by: <ul style="list-style-type: none"> <input type="checkbox"/> 3.1. Position in occupation <input type="checkbox"/> 3.2. Sector of economic activity <input type="checkbox"/> 3.3. Income level <input type="checkbox"/> 3.4. Length of working day <input type="checkbox"/> 3.5. Status of access to health institutions <input type="checkbox"/> 3.6. Scope and size of the economic unit <input type="checkbox"/> 3.7. Distribution by type of economic unit 	<input type="checkbox"/> 6. Underemployed population by: <ul style="list-style-type: none"> <input type="checkbox"/> 6.1. Additional job search status <input type="checkbox"/> 6.2. Level of instruction <input type="checkbox"/> 6.3. Position in occupation <input type="checkbox"/> 6.4. Sector of economic activity 	<input type="checkbox"/> 10. Fees <ul style="list-style-type: none"> <input type="checkbox"/> 10.1. Participation rate <input type="checkbox"/> 10.2. Unemployment rate <input type="checkbox"/> 10.3. Partial employment and unemployment rate <input type="checkbox"/> 10.4. General pressure rate <input type="checkbox"/> 10.5. Waged work rate <input type="checkbox"/> 10.6. Underemployment rate <input type="checkbox"/> 10.7. Rate of critical conditions of occupation <input type="checkbox"/> 10.8. Employment rate in the informal sector (TOSI 1) <input type="checkbox"/> 10.9. Labor Informality Rate (TIL 1) <input type="checkbox"/> 10.10. Employment rate in the informal sector (TOSI 2) <input type="checkbox"/> 10.11. Labor Informality Rate (TIL 2)

The three types of consultations are graphically illustrated below.

Strategic indicators

Strategic indicators

Pressing the button Strategic indicators displays the list of *Variables* that make up the occupancy and employment indicators.

Absolute
 Relative

Strategic indicators of occupation and employment

<input type="checkbox"/> 1. Population <ul style="list-style-type: none"> <input type="checkbox"/> Total <input type="checkbox"/> Under 15 years <input type="checkbox"/> 15 years and over 	<input type="checkbox"/> 4. Workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 4.1. Sector of economic activity <input type="checkbox"/> 4.2. Income level <input type="checkbox"/> 4.3. Length of working day <input type="checkbox"/> 4.4. Status of access to health institutions <input type="checkbox"/> 4.5. Labor benefits (without considering access to health institutions) <input type="checkbox"/> 4.6. Availability of written contract 	<input type="checkbox"/> 8. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> 8.1 Availability status
<input type="checkbox"/> 2. Population aged 15 years and over <ul style="list-style-type: none"> <input type="checkbox"/> 2.1. Economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Employed population <input type="checkbox"/> Unemployed population <input type="checkbox"/> 2.2. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Available population <input type="checkbox"/> Unavailable population 	<input type="checkbox"/> 5. Non-agricultural workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 5.1. Size of the economic unit 	<input type="checkbox"/> 9. Averages and medians <ul style="list-style-type: none"> <input type="checkbox"/> 9.1. Averages and medians
<input type="checkbox"/> 3. Population employed by: <ul style="list-style-type: none"> <input type="checkbox"/> 3.1. Position in occupation <input type="checkbox"/> 3.2. Sector of economic activity <input type="checkbox"/> 3.3. Income level <input type="checkbox"/> 3.4. Length of working day <input type="checkbox"/> 3.5. Status of access to health institutions <input type="checkbox"/> 3.6. Scope and size of the economic unit <input type="checkbox"/> 3.7. Distribution by type of economic unit 	<input type="checkbox"/> 6. Underemployed population by: <ul style="list-style-type: none"> <input type="checkbox"/> 6.1. Additional job search status <input type="checkbox"/> 6.2. Level of instruction <input type="checkbox"/> 6.3. Position in occupation <input type="checkbox"/> 6.4. Sector of economic activity 	<input type="checkbox"/> 10. Fees <ul style="list-style-type: none"> <input type="checkbox"/> 10.1. Participation rate <input type="checkbox"/> 10.2. Unemployment rate <input type="checkbox"/> 10.3. Partial employment and unemployment rate <input type="checkbox"/> 10.4. General pressure rate <input type="checkbox"/> 10.5. Waged work rate <input type="checkbox"/> 10.6. Underemployment rate <input type="checkbox"/> 10.7. Rate of critical conditions of occupation <input type="checkbox"/> 10.8. Employment rate in the informal sector (TOSI 1) <input type="checkbox"/> 10.9. Labor Informality Rate (TIL 1) <input type="checkbox"/> 10.10. Employment rate in the informal sector (TOSI 2) <input type="checkbox"/> 10.11. Labor Informality Rate (TIL 2)

To select one variable or more, click on the box that accompanies the variable to be marked, or click on the main theme to mark all the subtopics.

Variables

[Homepage](#)
[Strategic indicators](#)
[Comparisons](#)
[Statistical precision](#)
[Presentation](#)
[Methodology](#)
[Glossary](#)
[Help](#)
[Note](#)

[Variables](#)
[Coverage and gender](#)
 Absolute
 Relative
 [Consult](#)

Strategic indicators of occupation and employment

<input checked="" type="checkbox"/> 1. Population <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Total <input checked="" type="checkbox"/> Under 15 years <input checked="" type="checkbox"/> 15 years and over <input type="checkbox"/> 2. Population aged 15 years and over <ul style="list-style-type: none"> <input type="checkbox"/> 2.1. Economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Employed population <input type="checkbox"/> Unemployed population <input type="checkbox"/> 2.2. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> Available population <input type="checkbox"/> Unavailable population <input type="checkbox"/> 3. Population employed by: <ul style="list-style-type: none"> <input type="checkbox"/> 3.1. Position in occupation <input type="checkbox"/> 3.2. Sector of economic activity <input type="checkbox"/> 3.3. Income level <input type="checkbox"/> 3.4. Length of working day <input type="checkbox"/> 3.5. Status of access to health institutions <input type="checkbox"/> 3.6. Scope and size of the economic unit <input type="checkbox"/> 3.7. Distribution by type of economic unit 	<input type="checkbox"/> 4. Workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 4.1. Sector of economic activity <input type="checkbox"/> 4.2. Income level <input type="checkbox"/> 4.3. Length of working day <input type="checkbox"/> 4.4. Status of access to health institutions <input type="checkbox"/> 4.5. Labor benefits (without considering access to health institutions) <input type="checkbox"/> 4.6. Availability of written contract <input type="checkbox"/> 5. Non-agricultural workers subordinated and remunerated by: <ul style="list-style-type: none"> <input type="checkbox"/> 5.1. Size of the economic unit <input type="checkbox"/> 6. Underemployed population by: <ul style="list-style-type: none"> <input type="checkbox"/> 6.1. Additional job search status <input type="checkbox"/> 6.2. Level of instruction <input type="checkbox"/> 6.3. Position in occupation <input type="checkbox"/> 6.4. Sector of economic activity <input type="checkbox"/> 7. Unemployed population by: <ul style="list-style-type: none"> <input type="checkbox"/> 7.1 Age groups <input type="checkbox"/> 7.2. Level of instruction <input type="checkbox"/> 7.3 Employment record <input type="checkbox"/> 7.4 Duration of unemployment 	<input type="checkbox"/> 8. Non-economically active population <ul style="list-style-type: none"> <input type="checkbox"/> 8.1 Availability status <input type="checkbox"/> 9. Averages and medians <ul style="list-style-type: none"> <input type="checkbox"/> 9.1. Averages and medians <input type="checkbox"/> 10. Fees <ul style="list-style-type: none"> <input type="checkbox"/> 10.1. Participation rate <input type="checkbox"/> 10.2. Unemployment rate <input type="checkbox"/> 10.3. Partial employment and unemployment rate <input type="checkbox"/> 10.4. General pressure rate <input type="checkbox"/> 10.5. Waged work rate <input type="checkbox"/> 10.6. Underemployment rate <input type="checkbox"/> 10.7. Rate of critical conditions of occupation <input type="checkbox"/> 10.8. Employment rate in the informal sector (TOSI 1) <input type="checkbox"/> 10.9. Labor Informality Rate (TIL 1) <input type="checkbox"/> 10.10. Employment rate in the informal sector (TOSI 2) <input type="checkbox"/> 10.11. Labor Informality Rate (TIL 2)
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If you need to consult all the variables, click on the table Strategic indicators of occupation and employment:

Strategic indicators of occupation and employment

[Homepage](#)
[Strategic indicators](#)
[Comparisons](#)
[Statistical precision](#)
[Presentation](#)
[Methodology](#)
[Glossary](#)
[Help](#)
[Note](#)

[Variables](#)
[Coverage and gender](#)
 Absolute
 Relative
 [Consult](#)

Strategic indicators of occupation and employment

<input checked="" type="checkbox"/> 1. Population <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Total <input checked="" type="checkbox"/> Under 15 years <input checked="" type="checkbox"/> 15 years and over <input checked="" type="checkbox"/> 2. Population aged 15 years and over <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 2.1. Economically active population <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Employed population <input checked="" type="checkbox"/> Unemployed population <input checked="" type="checkbox"/> 2.2. Non-economically active population <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Available population <input checked="" type="checkbox"/> Unavailable population <input checked="" type="checkbox"/> 3. Population employed by: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 3.1. Position in occupation <input checked="" type="checkbox"/> 3.2. Sector of economic activity <input checked="" type="checkbox"/> 3.3. Income level <input checked="" type="checkbox"/> 3.4. Length of working day <input checked="" type="checkbox"/> 3.5. Status of access to health institutions <input checked="" type="checkbox"/> 3.6. Scope and size of the economic unit <input checked="" type="checkbox"/> 3.7. Distribution by type of economic unit 	<input checked="" type="checkbox"/> 4. Workers subordinated and remunerated by: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 4.1. Sector of economic activity <input checked="" type="checkbox"/> 4.2. Income level <input checked="" type="checkbox"/> 4.3. Length of working day <input checked="" type="checkbox"/> 4.4. Status of access to health institutions <input checked="" type="checkbox"/> 4.5. Labor benefits (without considering access to health institutions) <input checked="" type="checkbox"/> 4.6. Availability of written contract <input checked="" type="checkbox"/> 5. Non-agricultural workers subordinated and remunerated by: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 5.1. Size of the economic unit <input checked="" type="checkbox"/> 6. Underemployed population by: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 6.1. Additional job search status <input checked="" type="checkbox"/> 6.2. Level of instruction <input checked="" type="checkbox"/> 6.3. Position in occupation <input checked="" type="checkbox"/> 6.4. Sector of economic activity <input checked="" type="checkbox"/> 7. Unemployed population by: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 7.1 Age groups <input checked="" type="checkbox"/> 7.2. Level of instruction <input checked="" type="checkbox"/> 7.3 Employment record <input checked="" type="checkbox"/> 7.4 Duration of unemployment 	<input checked="" type="checkbox"/> 8. Non-economically active population <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 8.1 Availability status <input checked="" type="checkbox"/> 9. Averages and medians <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 9.1. Averages and medians <input checked="" type="checkbox"/> 10. Fees <ul style="list-style-type: none"> <input checked="" type="checkbox"/> 10.1. Participation rate <input checked="" type="checkbox"/> 10.2. Unemployment rate <input checked="" type="checkbox"/> 10.3. Partial employment and unemployment rate <input checked="" type="checkbox"/> 10.4. General pressure rate <input checked="" type="checkbox"/> 10.5. Waged work rate <input checked="" type="checkbox"/> 10.6. Underemployment rate <input checked="" type="checkbox"/> 10.7. Rate of critical conditions of occupation <input checked="" type="checkbox"/> 10.8. Employment rate in the informal sector (TOSI 1) <input checked="" type="checkbox"/> 10.9. Labor Informality Rate (TIL 1) <input checked="" type="checkbox"/> 10.10. Employment rate in the informal sector (TOSI 2) <input checked="" type="checkbox"/> 10.11. Labor Informality Rate (TIL 2)
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Once you have selected the variables to be consulted, press the Coverage and gender button and you will see the following screen:

Coverage and gender

[Homepage](#) [Strategic indicators](#) [Comparisons](#) [Statistical precision](#) [Presentation](#) [Methodology](#) [Glossary](#) [Help](#) [Note](#)

[Variables](#) [Coverage and gender](#) Absolute Relative [Consult](#)

Geographic coverage **Temporary coverage** **Gender**

Total
 Most urbanized areas
 Least urbanized areas
 Middle urban
 Low urban
 Rural

Years
 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016

Quarterly
 First quarter Second quarter Third quarter Fourth quarter

Gender
 Total Men Women

Within the national coverage, the total can be selected, more and less urbanized areas, medium and low urban, or rural. In the geographical coverage *States and Cities*, you can only select one of the states or cities respectively.

Select the year(s) to be consulted, as well as the quarters that are required and the type of cut off by gender or total.

Once the selection has been made, you have to press the button *Consult*

[Consult](#)

Pressing this icon displays the following screen:

[Homepage](#) [Strategic indicators](#) [Comparisons](#) [Statistical precision](#) [Presentation](#) [Methodology](#) [Glossary](#) [Help](#) [Note](#)

[Variables](#) [Coverage and gender](#) Absolute Relative [Consult](#) [Export](#)

National Institute of Statistic and Geography
 Quarterly National Survey of Occupation and Employment. Strategic indicators.

National indicators	2016			
	First quarter	Second quarter	Third quarter	Fourth quarter
Total				
1. Population				
Total	121.803.321	122.117.027	122.433.211	122.746.451
Under 15 years	32.430.876	32.341.976	32.346.802	32.269.331
15 years and over	89.372.445	89.775.051	90.086.409	90.477.120

You can change from absolute figures to relative figures, by simply clicking on the caption *Relative* and pressing the *Consult* button again.

Absolute Relative

In doing so, the data are presented in relative form, as shown below:

[Homepage](#) [Strategic indicators](#) [Comparisons](#) [Statistical precision](#) [Presentation](#) [Methodology](#) [Glossary](#) [Help](#) [Note](#)

[Variables](#) [Coverage and gender](#) Absolute Relative [Consult](#) [Export](#)

National Institute of Statistic and Geography
 Quarterly National Survey of Occupation and Employment. Strategic indicators.

National indicators	2016			
	First quarter	Second quarter	Third quarter	Fourth quarter
Total				
1. Population				
Total	100.0	100.0	100.0	100.0
Under 15 years	26.6	26.5	26.4	26.3
15 years and over	73.4	73.5	73.6	73.7

Comparisons

Comparisons

In this option you can make comparisons of any variable of any of the strategic indicators. Pressing the Comparison button displays the following screen:

The screenshot shows a web interface for making comparisons. At the top, there are navigation tabs: 'Homepage', 'Strategic indicators', 'Comparisons' (selected), 'Statistical precision', 'Presentation', 'Methodology', 'Glossary', 'Help', and 'Note'. Below these are buttons for 'Select comparatives' (with radio buttons for 'Absolute' and 'Relative'), and 'Consult'. The main interface is divided into four columns:

- Geographic coverage:** Includes 'National and States' (with a list of states and 'National' checked) and 'Cities'.
- Temporary coverage and gender:** Includes 'Years' (2005-2016, with 2016 checked) and 'Quarterly' (First, Second, Third, and Fourth quarters, all checked). A 'Gender' section has radio buttons for 'Total', 'Men', and 'Women'.
- Select the topic or subtopic:** A list of 10 topics, with '3.1. Position in occupation' selected.
- Select the variable to be compared:** A list of 10 variables, with '3.1. Position in occupation' selected.

In the *Geographic Coverage* section, the states to be consulted are selected, or the *National and states* button is pressed, so that all the states and the national coverage are automatically marked.

You select the year (s) or the quarters and the cut off by gender or the total to consult.

In the section of topics and sub-themes, all the main topics of the variables of the strategic indicators are listed. When selecting the topic or subtopic, the variables corresponding to it are automatically presented in the next section, which says: *Select the variable to consult*.

Select the variable you want to consult and press the *Consult* button.

When you press the button, the following screen will appear:

[Homepage](#)
[Strategic indicators](#)
[Comparisons](#)
[Statistical precision](#)
[Presentation](#)
[Methodology](#)
[Glossary](#)
[Help](#)
[Note](#)

[Select comparatives](#)
 Absolute
 Relative
 [Consult](#)
[Export](#)

National Institute of Statistic and Geography
Quarterly National Survey of Occupation and Employment. Comparisons
3. Population occupied by:
Employees

Total	2016			
	First quarter	Second quarter	Third quarter	Fourth quarter
States	32,730,599	33,179,321	33,370,566	33,659,105
National	409,743	413,961	423,086	417,799
Aguascalientes	1,108,890	1,150,191	1,172,493	1,184,646
Baja California	258,670	263,705	263,405	271,573
Baja California Sur	231,885	234,282	232,946	235,703
Campeche	961,601	954,401	993,414	1,015,211
Coahuila de Zaragoza	229,824	226,946	230,053	235,233
Colima	882,857	834,641	848,472	832,240
Chiapas	1,184,539	1,201,451	1,248,330	1,241,699
Chihuahua	2,871,542	2,928,248	2,952,572	2,892,086
México City	467,735	480,803	489,689	515,843
Durango	1,597,264	1,643,891	1,630,005	1,648,211
Guanajuato	621,507	647,727	607,187	587,876
Guerrero	742,256	739,583	771,021	766,431
Hidalgo	2,400,071	2,393,319	2,446,361	2,467,239
Jalisco	4,729,495	4,767,785	4,708,230	4,834,466
México	1,056,883	1,064,222	1,047,181	1,068,737
Michoacán de Ocampo	509,140	505,327	519,965	504,936
Morelos	312,966	313,891	320,221	331,877
Nayarit	1,716,168	1,767,258	1,797,662	1,824,743
Nuevo León	668,328	693,407	677,827	707,920
Oaxaca	1,455,251	1,539,853	1,543,575	1,486,723
Puebla	566,886	553,028	557,091	561,264
Querétaro	530,893	539,316	552,313	538,293
Quintana Roo	678,064	704,540	724,184	722,253
San Luis Potosí	884,150	859,663	877,767	910,722
Sinaloa	918,223	936,484	928,603	948,895
Sonora	606,378	628,058	606,962	603,733
Tabasco	1,031,274	1,029,185	1,040,548	1,050,104
Tamaulipas	340,875	347,682	351,369	361,717
Tlaxcala	1,814,016	1,821,967	1,803,788	1,858,185
Veracruz de Ignacio de la Llave	596,812	628,223	626,496	654,517
Yucatán	346,613	366,283	377,750	378,230
Zacatecas				

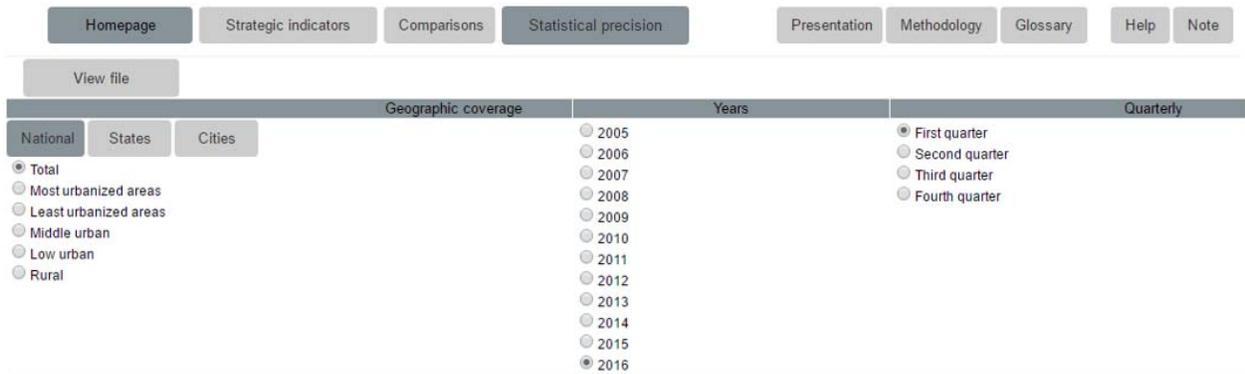
In this example the salaried employed population was selected.

Statistical precision

For all the absolute figures presented by InfoLaboral, statistical precision is available. With this option you can access the documents at the national level and by state.

Statistical precision

Pressing the *Statistical precision* button displays the following screen:

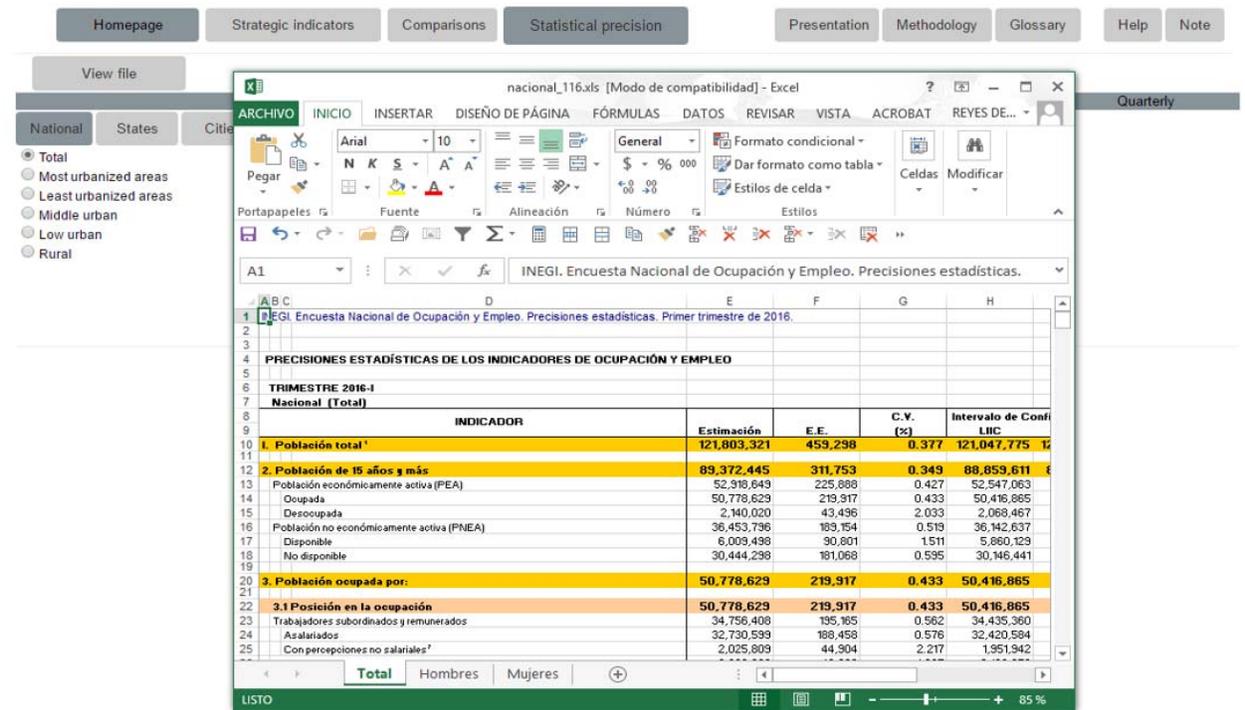


In the geographical coverage section you can select the total, more urbanized areas, less urbanized areas, urban medium, urban low or rural or the statistical precision of any state.

Select the year, select the quarter and press the *View File* button:



When pressed, the document containing the statistical precision is displayed, as shown in the following screen:



In the document we have the statistical precision for the total, men and women.