

TexasLMI.com **WALK-THROUGH**

Table of Contents

About TexasLMI.com 3

Creating and Downloading Current Employment Statistics Reports..... 4

Downloading Industry and Occupational Projections Spreadsheets and Reports 9

Creating and Downloading Local Area Unemployment Statistics Reports..... 20

Creating and Downloading Wage Reports..... 25

Creating and Downloading Occupational Employment Statistics (Wages) Reports..... 26

Creating and Downloading Projections Reports 34

Creating and Downloading Quarterly Census of Employment and Wages Reports..... 40

Glossary..... 47

About TexasLMI.com

Texas LMI (TexasLMI.com) is an interactive website hosted by the Texas Workforce Commission (TWC) that disseminates Texas labor-market statistics. On TexasLMI.com, users will find a suite of easy-to-use labor-market research tools that provide time-series labor-market data, inquiry capabilities for labor force, employment/unemployment estimates, industry and occupational projections, and occupational wage data.

Typical users of TexasLMI.com are employers, individual workers, local and statewide economic developers, educators, local workforce solutions offices, workforce development boards, the media, and anyone interested in Texas labor-market information. Texas LMI is a resource that provides these shareholders with current and historical economic data directly to the public.

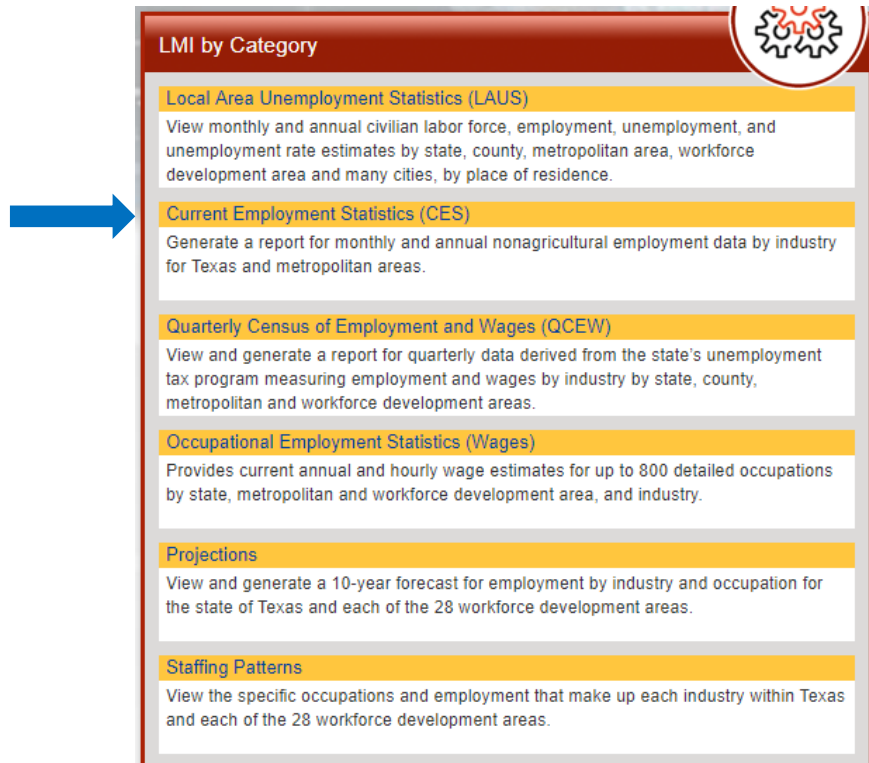
TexasLMI.com was designed, programmed, and built to offer 11 economic data–investigation tools as well as an employer contact information tool.

The *TexasLMI.com Walk-through* provides step-by-step instructions for creating and using reports within TexasLMI.com. The *Walk-through* guides users to various occupational data, provides instructions to create and download specific reports, and further details how to sort and filter data to provide customized reports.

Additional information about TexasLMI.com can be found in the Help section of the homepage or by contacting the Labor Market Career Information department of the Texas Workforce Commission at 101 E. 15th Street, Main Bldg, Rm 354, Austin, TX 78778, at www.lmci.state.tx.us, or via phone at 512-936-3200.

Creating and Downloading Current Employment Statistics Reports

1. From TexasLMI.com's homepage, click "Current Employment Statistics (CES)."



2. Select area type "US," "Texas," or "Metro."

The screenshot shows the 'Current Employment Statistics (CES)' form. The 'Select Area Type' section has three buttons: 'US', 'Texas', and 'Metro'. The 'US' button is selected, and the text 'US' is displayed in the input field below. The 'Select Time Period' section has a dropdown menu labeled 'Select Year'. At the bottom, there are two buttons: 'Get Industries' and 'Reset'.

For US search: Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

The screenshot shows the 'Current Employment Statistics (CES)' search interface. Under the 'Select Area Type' section, the 'US' button is selected, and the text 'US' is entered in the search box. The 'Select Time Period' section shows '2018' selected in the 'Select Year' box and 'January' selected in the 'Select Months' box. At the bottom, there are 'Get Industries' and 'Reset' buttons.

For Texas search: Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

The screenshot shows the 'Current Employment Statistics (CES)' search interface. Under the 'Select Area Type' section, the 'Texas' button is selected, and the text 'Texas' is entered in the search box. The 'Select Time Period' section shows '2018' selected in the 'Select Year' box and 'January' selected in the 'Select Months' box. At the bottom, there are 'Get Industries' and 'Reset' buttons.

For Metro search: Click inside the empty box with the blinking cursor and select the metropolitan statistical area (MSA) from the list. If all MSAs are desired, choose “Select All MSAs.”

Check either the “Include Metropolitan Divisions (MD)” box or the “Include Texas” box, or check both boxes to include all metro and statewide data.

Select the time period by clicking the “Select Year” box. Then, select the month by clicking the “Select Months” box.

Current Employment Statistics (CES)

Select Area Type

US Texas Metro

Austin-Round Rock X

Select from Map

☐ Include Metropolitan Divisions (MD)
☒ Include Texas

Select Time Period

2018 X January X

Get Industries Reset

3. Click “Get Industries.”

4. Select industries by entering a term in the search box or selecting from the list of total industries.

Table Customizations/Keyboard Shortcuts ⓘ

Select Industries

Search Industry Series Title Search Clear

Selected 1 of 159 industries.
The same series code can be used for US and Texas but may have different titles.

<input type="checkbox"/>	Industry Series Title
<input type="checkbox"/>	Total Nonfarm
<input type="checkbox"/>	Total Private
<input type="checkbox"/>	Goods Producing
<input type="checkbox"/>	Mining, Logging and Construction
<input type="checkbox"/>	Mining and Logging
<input type="checkbox"/>	Mining, Quarrying, and Oil and Gas Extraction
<input checked="" type="checkbox"/>	Oil and Gas Extraction
<input type="checkbox"/>	Support Activities for Mining
<input type="checkbox"/>	Construction
<input type="checkbox"/>	Construction of Buildings

Get Report

5. Click “Get Report.”

Using the Current Employment Statistics Report

To group data by column: Drag a column header to the red banner at the top that reads Drag a column header and drop it here to group by that column.

Current Employment Statistics (CES) Report

Customize the report/Help with Accessibility ?

Drag a column header and drop it here to group by that column

Year	Period	Area	Series Code
2018	January	Texas	10211000

To reverse the order of the grouping, click the Up arrow in the column header that is inside the red banner.

To return to default settings, click the X in the column header that is inside the red banner.

To eliminate a column header: Click the X inside the gray column header.

To filter results for a column header: Click the funnel symbol inside the gray column header. Select the desired criteria from the drop-down boxes or type in criteria if the filter allows.

Industry

Oil and Gas Extraction

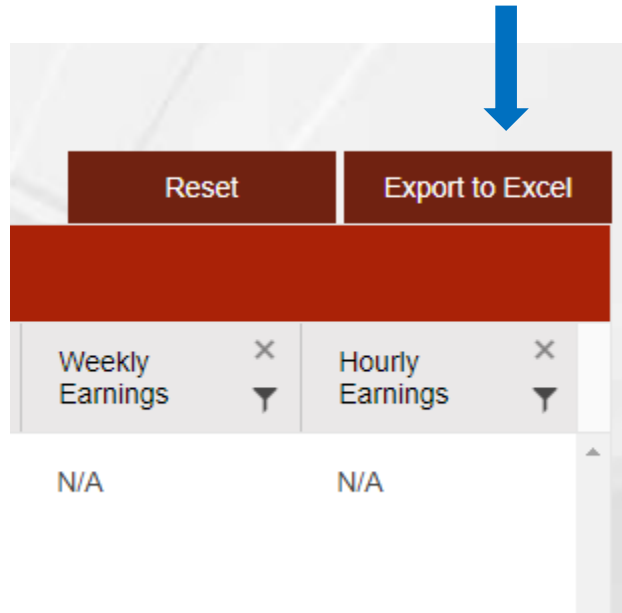
Filter by:

Is equal to

--Select Value--

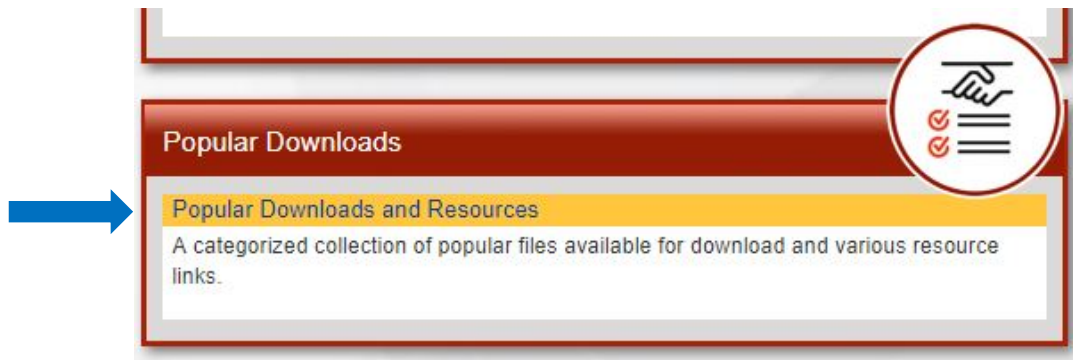
Filter Clear

To export to Excel: Click the “Export to Excel” button.



Downloading Industry and Occupational Projections Spreadsheets and Reports

1. From TexasLMI.com's homepage, click "Popular Downloads and Resources."



2. Click "Projections."



To view Workforce Development Area projections overviews: Select the desired Workforce Development Area (WDA) projections overview from the list. Click “Download” to view the PDF file.

Projections

Select a Download

Selections	Report Title
<input type="radio"/>	Alamo WDA Projections Overview

To view industry projections: Scroll down to industry projections and select the desired WDA. Click “Download” to view the report in Excel.

Projections

Select a Download

Selections	Report Title
<input type="radio"/>	Industry Projections
<input type="radio"/>	Industry Projections for Alamo Workforce Development Area
<input type="radio"/>	Industry Projections for Borderplex Workforce Development Area
<input type="radio"/>	Industry Projections for Brazos Valley Workforce Development Area
<input type="radio"/>	Industry Projections for Cameron County Workforce Development Area
<input type="radio"/>	Industry Projections for Capital Area Workforce Development Area

Download

To view occupational projections: Scroll down to occupational projections and select the desired WDA. Click “Download” to view the report in Excel.

Projections

Select a Download

Selections	Report Title
<input type="radio"/>	Occupational Projections for Alamo Workforce Development Area
<input type="radio"/>	Occupational Projections for Borderplex Workforce Development Area
<input type="radio"/>	Occupational Projections for Brazos Valley Workforce Development Area
<input type="radio"/>	Occupational Projections for Cameron County Workforce Development Area
<input type="radio"/>	Occupational Projections for Capital Area Workforce Development Area
<input type="radio"/>	Occupational Projections for Central Texas Workforce Development Area

Download

To view industry occupations (I/O) matrixes: Select the desired WDA I/O matrix and click the radio button. Click “Download” to view the report in Excel.

Projections

Select a Download

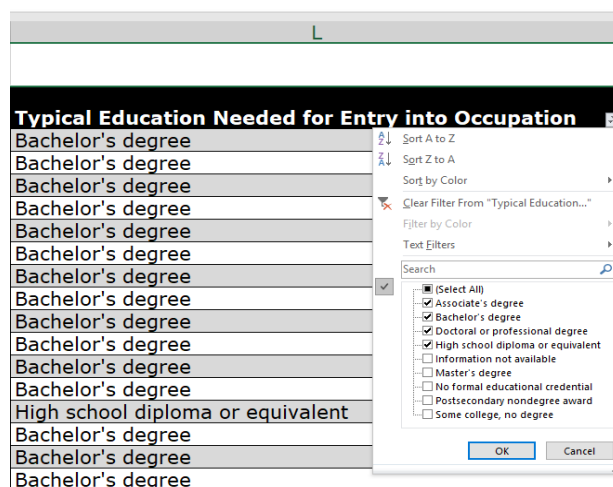
Selections	Report Title
<input type="radio"/>	Panhandle WDA Industry-Occupation Matrix (Staffing Patterns)
<input type="radio"/>	Panhandle WDA Projections Overview
<input type="radio"/>	Permian Basin WDA Industry-Occupation Matrix (Staffing Patterns)
<input type="radio"/>	Permian Basin WDA Projections Overview
<input type="radio"/>	Rural Capital Area WDA Industry-Occupation Matrix (Staffing Patterns)
<input type="radio"/>	Rural Capital Area WDA Projections Overview

Download

Finding In-Demand and Targeted Occupations Using the Occupational Projections Spreadsheet

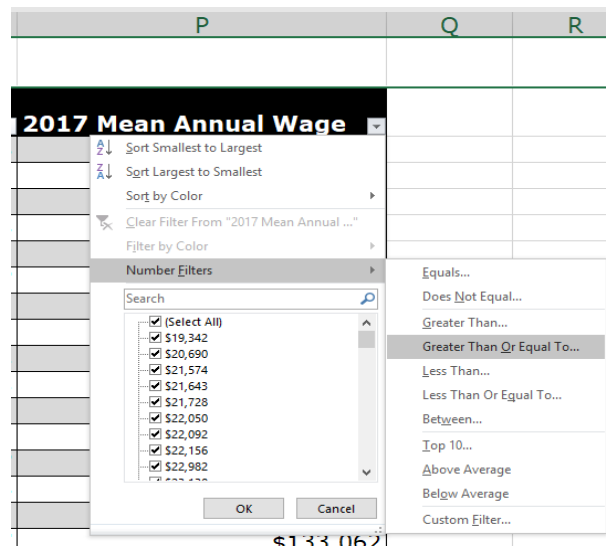
Download the occupational projections spreadsheet for the desired WDA (see previous instructions on page 11).

To filter by education level: Click the down arrow in the header of column L, titled “Typical Education Needed for Entry into Occupation.”



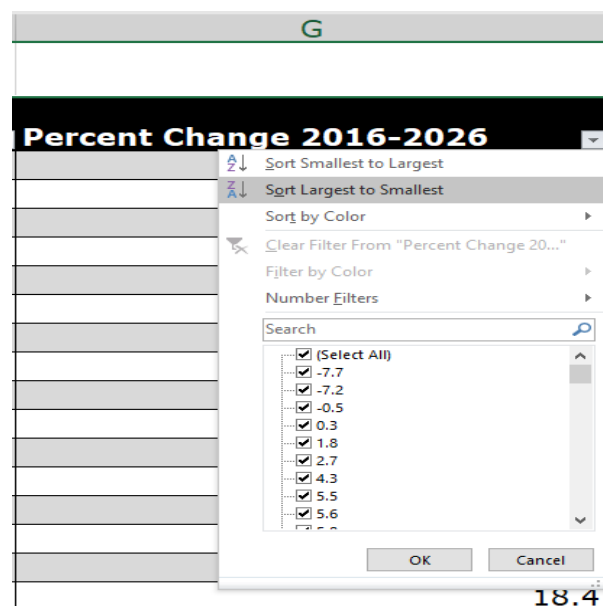
Choose to sort data alphabetically or select a specific education level from the list.

To filter by annual average wage: Click the down arrow in the header of column P, titled “Mean Annual Wage.”



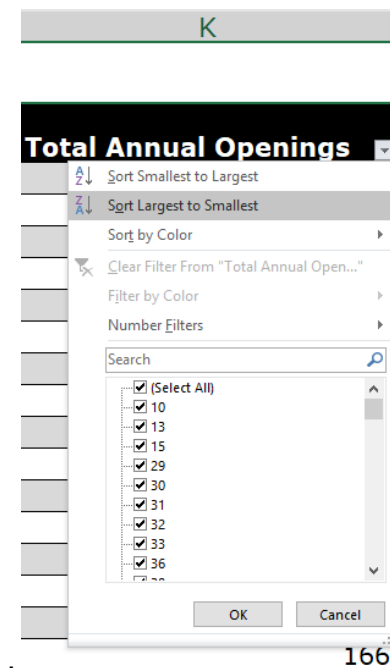
Choose to rank consecutively by dollar amount or select the desired annual wage from the list.

To filter by percent change: Click the down arrow in the header of column G, titled “Percent Change.”



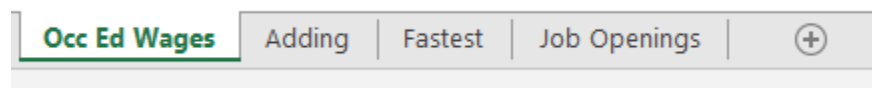
Choose to rank consecutively by percent change or select the desired percent change from the list.

To filter by total openings: Click the down arrow in the header of column K, titled “Total Annual Openings.”



Choose to rank consecutively by number of openings or select the desired number of openings from the list.

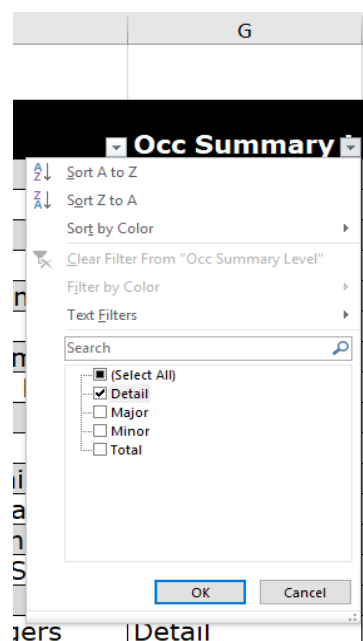
Review the tabs at the bottom of the spreadsheet titled “Occ Ed Wages,” “Adding,” “Fastest,” and “Job Openings” to determine any occupations to add to your filtered list.



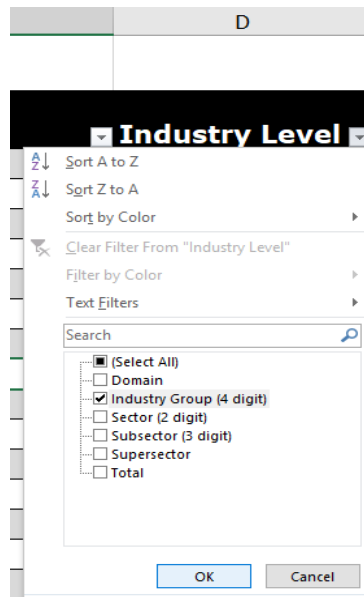
Finding In-Demand Industries and Staffing Patterns Using the Industry Occupations (I/O) Matrix Spreadsheet

Download the I/O matrix spreadsheet for the desired WDA (see previous instructions on page 11).

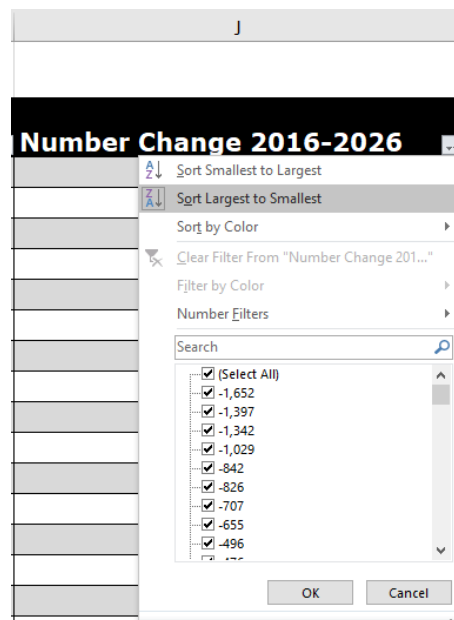
To determine occupations with the largest growth: Filter occupations by clicking the down arrow in the header of Column G, titled “Occ Summary Level,” and select “Detail.”



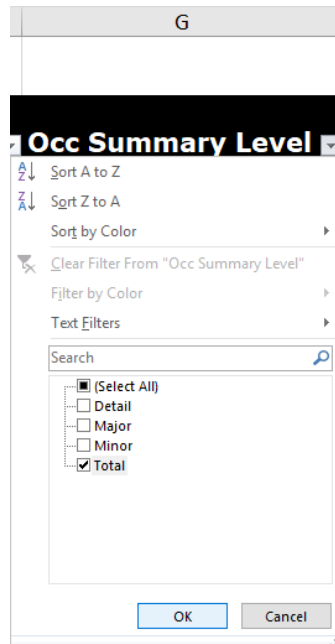
Then, filter industry level by clicking the arrow in the header of column D, titled “Industry Level” and select “Industry Group (4 digit).”



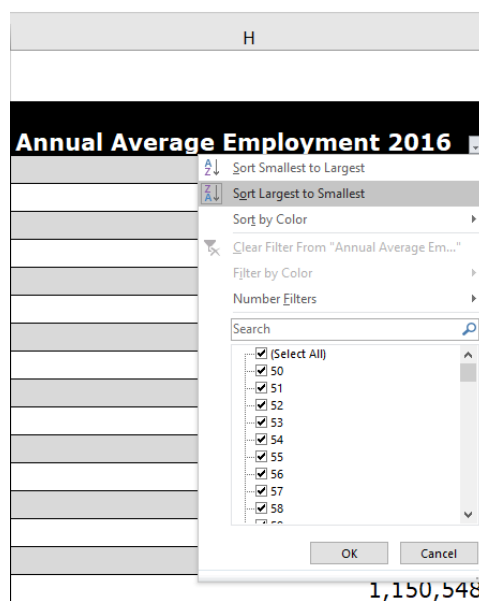
In column J, titled “Number Change,” select the option to sort largest to smallest.



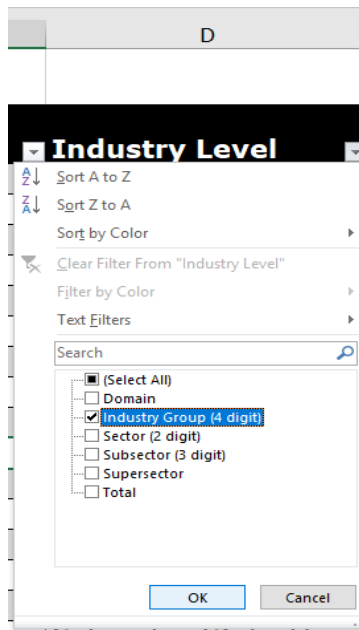
To determine industries with the largest employment: Filter the level of Standard Occupational Classification (SOC) code by clicking the arrow in column G, titled “Occ Summary Level,” and checking the option for “Total.”



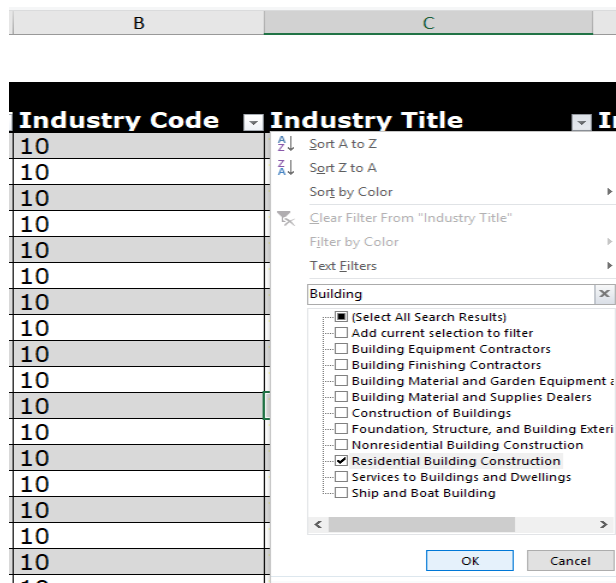
Sort column H, titled “Annual Average Employment,” from largest to smallest using the arrow in the column header.



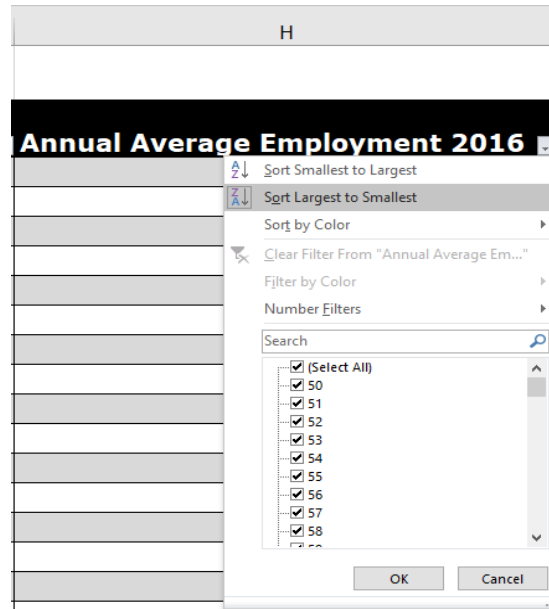
Then, filter industry level by clicking the arrow in the header of column D, titled “Industry Level” and select “Industry Group (4 digit).”



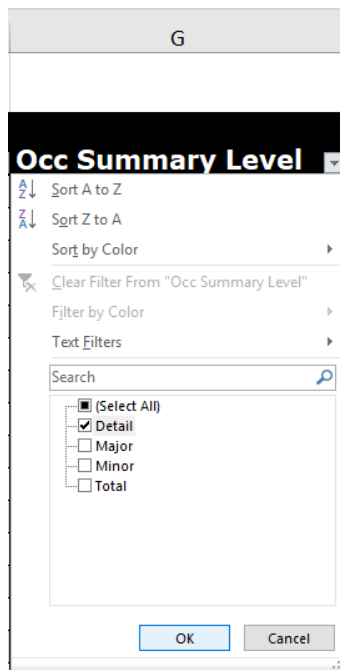
To determine the largest occupations within the industries with the largest employment: Filter the industry by clicking the arrow in column C, titled “Industry Title,” and selecting the option to sort alphabetically or selecting the desired industry (alternatively, sort by North American Industry Classification System, or NAICS code, by filtering column B).



Sort column H, titled “Annual Average Employment,” from largest to smallest using the arrow in the column header.



Filter the level of SOC code by clicking the arrow in column G, titled “Occ Summary Level” and checking “Detail.”



Creating and Downloading Local Area Unemployment Statistics Reports

1. From TexasLMI.com's homepage, click "Local Area Unemployment Statistics (LAUS)."



2. Select area type "US," "Texas," "WDA" (Workforce Development Area), "County," "City," or "Metro."

The image shows a screenshot of the 'Local Area Unemployment Statistics (LAUS)' form. The form has two main sections: 'Select Area Type' and 'Select Time Period'. In the 'Select Area Type' section, there are buttons for 'US', 'Texas', 'WDA', 'County', 'City', and 'Metro'. The 'US' button is selected. Below the buttons, there is a text input field containing 'US'. There are also checkboxes for 'Include Texas' and 'Include all WDAs'. In the 'Select Time Period' section, there are two text input fields: 'Select Year' and 'Select Months'. At the bottom of the form, there is a 'Get Report' button.

For US search: Check either the “Include Texas” box, the “Include all WDAs” box, or check both boxes.

The screenshot shows the 'Local Area Unemployment Statistics (LAUS)' search interface. Under the 'Select Area Type' section, the 'US' tab is selected, and the text 'US' is entered in the search box. Below this, the checkboxes for 'Include Texas' and 'Include all WDAs' are both unchecked. In the 'Select Time Period' section, the years '2018' and '2017' are selected in the 'Select Year' box, and all twelve months from 'January' to 'December' are selected in the 'Select Months' box. A 'Get Report' button is located at the bottom left.

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For Texas search: Check either the “Include all Texas WDAs” box, the “Include all Counties” box, or check both boxes.

The screenshot shows the 'Local Area Unemployment Statistics (LAUS)' search interface. Under the 'Select Area Type' section, the 'Texas' tab is selected, and the text 'Texas' is entered in the search box. Below this, the checkboxes for 'Include all Texas WDAs' and 'Include all Counties' are both checked. In the 'Select Time Period' section, the years '2018' and '2017' are selected in the 'Select Year' box, and all twelve months from 'January' to 'December' are selected in the 'Select Months' box. A 'Get Report' button is located at the bottom left.

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For WDA search: Click inside the empty box with the blinking cursor and select the desired WDA from the list. If all WDAs are desired, choose “Select All WDAs.” Then, check either the “Include all Counties” under current selection box or the “Include Texas” box, or check both boxes to include county and statewide data in the report.

Local Area Unemployment Statistics (LAUS)

Select Area Type

US Texas **WDA** County City Metro

Panhandle X South Plains X North Texas X North Central X Tarrant County X Dallas X North East X East Texas X West Central X Borderplex X
 Permian Basin X Concho Valley X Heart of Texas X Capital Area X Rural Capital X Brazos Valley X Deep East Texas X South East Texas X
 Golden Crescent X Alamo X South Texas X Coastal Bend X Lower Rio Grande X Cameron County X Texoma X Central Texas X
 Middle Rio Grande X Gulf Coast X

☐ Include all Counties under current selection
☒ Include Texas

Select from Map

Select Time Period

2018 X 2017 X

January X February X March X April X May X June X July X
 August X September X October X November X December X

Get Report

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For County search: Click inside the empty box with the blinking cursor and select the desired county from the list. If all counties in Texas are desired, choose “Select All Counties.” Check the “Include Texas for County” box to include statewide data in the report.

Local Area Unemployment Statistics (LAUS)

Select Area Type

US Texas WDA **County** City Metro

Andrews X Archer X

☒ Include Texas for County

Select from Map

Select Time Period

2018 X 2017 X

January X February X March X April X May X June X July X August X
 September X October X November X December X

Get Report

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For City search: Click “Search Regions” and select the desired city from the dropdown list. If all cities in Texas are desired, choose “Select All Cities”. Check the “Include Texas for City” box to include Texas data in the report.

The screenshot shows the 'Local Area Unemployment Statistics (LAUS)' search interface. It is divided into two main sections: 'Select Area Type' and 'Select Time Period'. In the 'Select Area Type' section, there are tabs for 'US', 'Texas', 'WDA', 'County', 'City', and 'Metro'. The 'City' tab is selected. Below the tabs is a dropdown menu showing 'Del Rio' with a red 'x' icon. Below the dropdown is a checkbox labeled 'Include Texas for City' which is checked. In the 'Select Time Period' section, there is a box for years showing '2018' and '2017' with red 'x' icons. To the right of this box is a list of months from 'January' to 'December', each with a red 'x' icon. At the bottom left of the interface is a red button labeled 'Get Report'.

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For Metro search: Click inside the empty box with the blinking cursor and select the metropolitan statistical area (MSA) from the list. If all MSAs are desired, choose “Select All MSAs.”

Check either the “Include Texas for Metro” box or the “Include Balance of State and Metro Divisions (MD)” box, or check both boxes, to include Texas and MD data in report.

Local Area Unemployment Statistics (LAUS)

Select Area Type

US Texas WDA County City **Metro**

Dallas-Fort Worth-Arlington x

Select from Map

☒ Include Texas for Metro
☐ Include Balance of State and Metro Divisions(MD)

Select Time Period

2018 x 2017 x

January x February x March x April x May x June x July x August x
 September x October x November x December x

Get Report

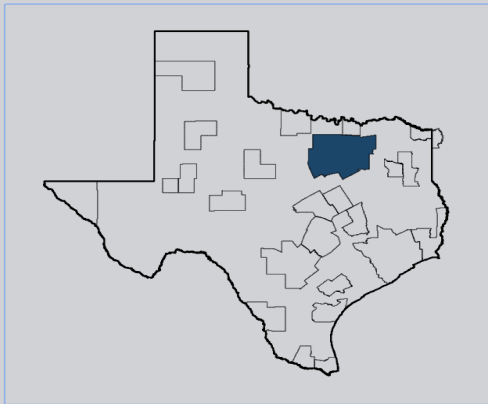
Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

For map search: A map search is available for the “Metro” and “WDA” reports. To search by map, click “Select from Map.” Click the desired area on the map and then click “Add Selections.”

Select the time period by clicking the “Select Year” box. Select the month by clicking the “Select Months” box.

Select MSA(s) from Map

Current MSA:



Selected MSA:

Dallas-Fort Worth-Arlington x

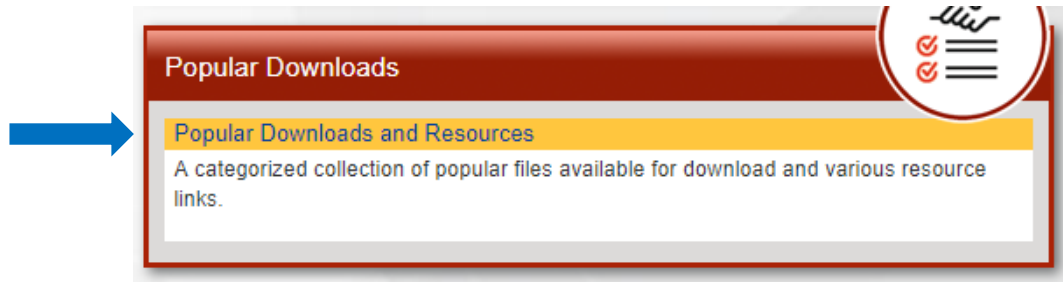
Remove All Selections x

Cancel Add Selections

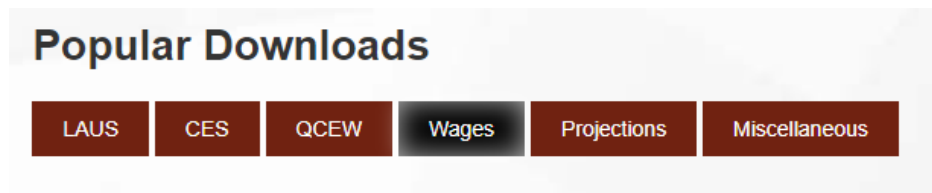
3. Click “Get Report.”

Creating and Downloading Wage Reports

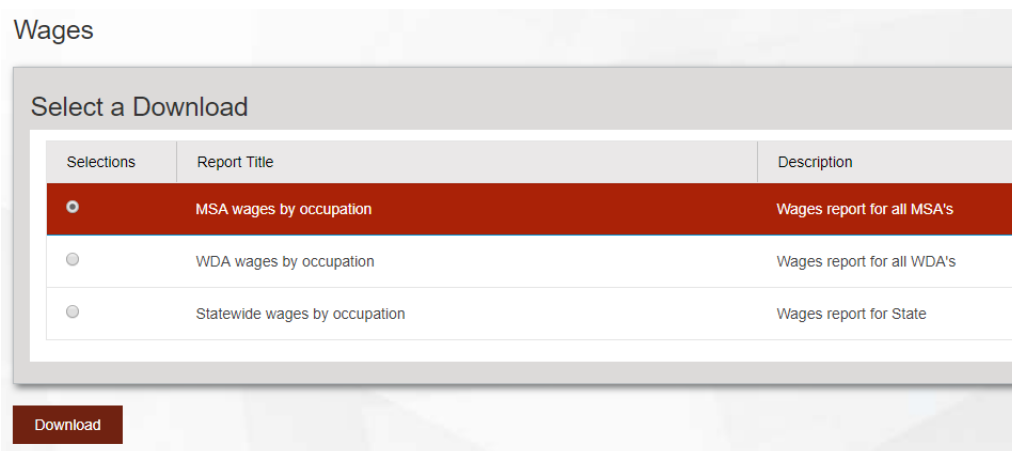
1. From TexasLMI.com's homepage, click "Popular Downloads and Resources."



2. Click "Wages."



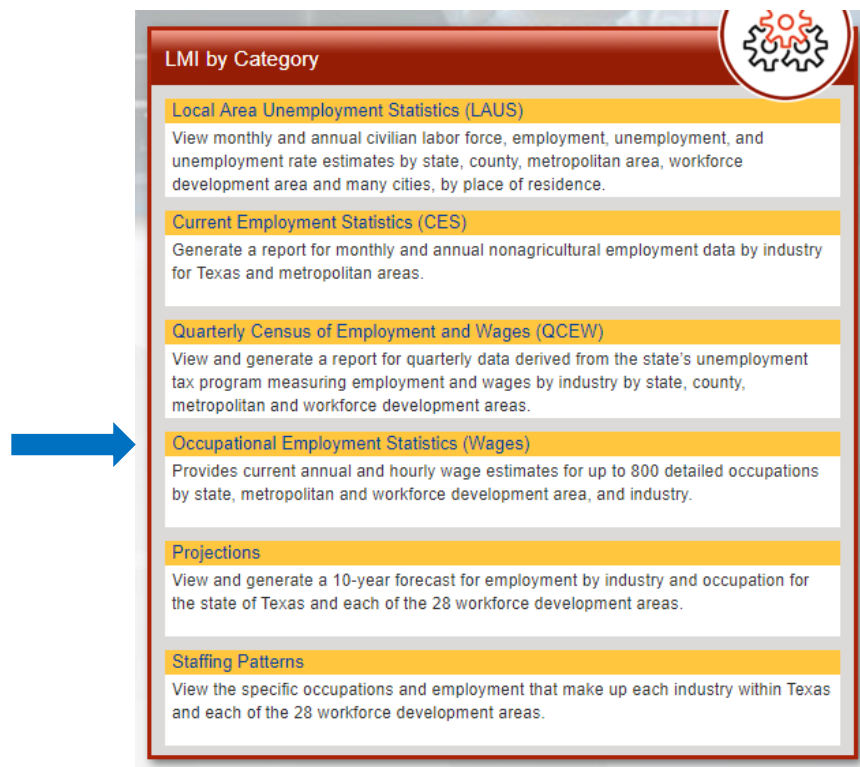
3. Click either "MSA wages by occupation," "WDA wages by occupation," or "Statewide wages by occupation."



3. Click "Download."

Creating and Downloading Occupational Employment Statistics (Wages) Reports

1. From TexasLMI.com's homepage, click "Occupational Employment Statistics (Wages)."



For US search: Check the "Include Texas" box to include statewide data.

Occupational Employment Statistics (OES)

Select Area Type

US	Texas	WDA	Metro
----	-------	-----	-------

US

☒ Include Texas

Get Occupations Reset

For Texas search: Check either the “Include all WDAs” box, the “Include all MSAs” box, or check both boxes to include data from all workforce development areas (WDAs) and all metropolitan statistical areas (MSAs).

Occupational Employment Statistics (OES)

Select Area Type

US Texas WDA Metro

Texas

☐ Include all WDAs
☒ Include all MSAs

Get Occupations Reset

For WDA search: Click inside the empty box with the blinking cursor and select the desired WDA from the list. If all WDAs are desired, choose “Select All WDAs.” Check the “Include Texas” box to include statewide data.

Occupational Employment Statistics (OES)

Select Area Type

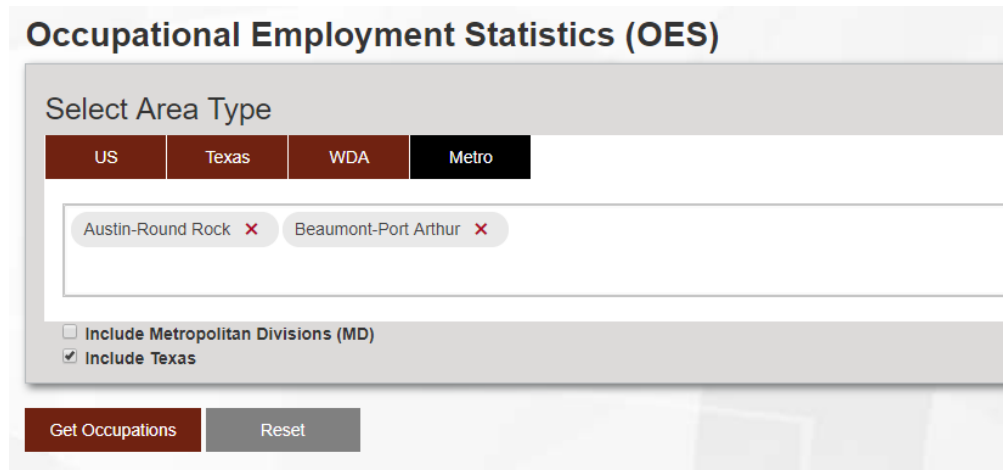
US Texas WDA Metro

Panhandle x South Plains x North Texas x North Central x Tarrant County x Dallas x North East x East Texas x West Central x Borderplex x
Permian Basin x Concho Valley x Heart of Texas x Capital Area x Rural Capital x Brazos Valley x Deep East Texas x South East Texas x
Golden Crescent x Alamo x South Texas x Coastal Bend x Lower Rio Grande x Cameron County x Texoma x Central Texas x Middle Rio Grande x
Gulf Coast x

☒ Include Texas

Get Occupations Reset

For Metro search: Click inside the empty box with the blinking cursor and select the desired metro area from the dropdown list. If all MSAs are desired, choose “Select All MSAs.” Check the “Include Metropolitan Divisions (MD)” box, the “Include Texas” box, or both boxes to include statewide and metro data.



The image shows a web interface for the Occupational Employment Statistics (OES) search. The title "Occupational Employment Statistics (OES)" is at the top. Below it is a "Select Area Type" section with four buttons: "US", "Texas", "WDA", and "Metro". The "Metro" button is highlighted. Below these buttons is a search box containing two entries: "Austin-Round Rock" and "Beaumont-Port Arthur", each with a red "X" icon to its right. Below the search box are two checkboxes: "Include Metropolitan Divisions (MD)" (unchecked) and "Include Texas" (checked). At the bottom are two buttons: "Get Occupations" and "Reset".

Occupational Employment Statistics (OES)

Select Area Type

US Texas WDA **Metro**

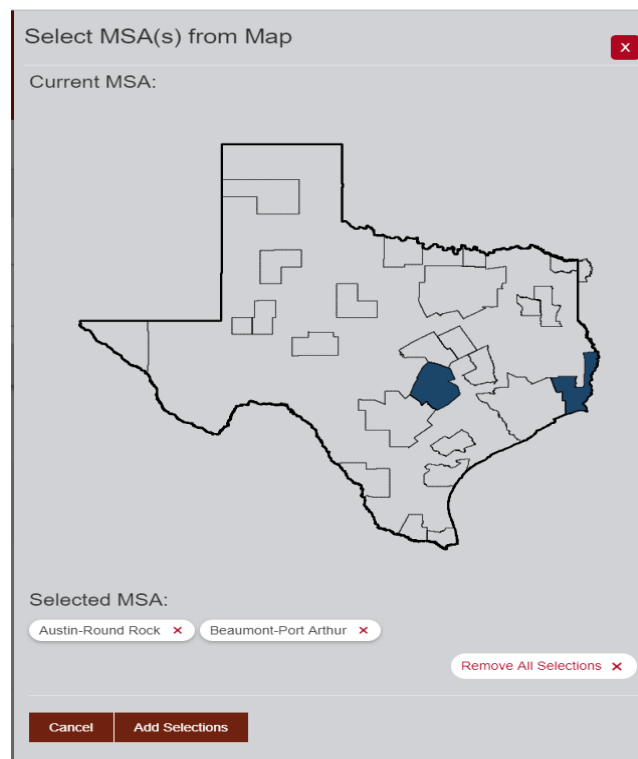
Austin-Round Rock X Beaumont-Port Arthur X

☐ Include Metropolitan Divisions (MD)
☒ Include Texas

Get Occupations Reset

For map search: A map search is available for the “WDA” and “Metro” reports. To search by map, click “Select from Map.” Click the desired area on the map, then click “Add Selections.”

For WDA search by map, check the “Include Texas” box to include statewide data. For Metro search by map, check the “Include Metropolitan Divisions (MD)” box, the “Include Texas” box, or both boxes to include statewide and metro data.



2. Click “Get Occupations.”

3. Select the desired occupation by either typing the occupational title in the “Search Occupational (SOC) Title” box or checking an occupation from the dropdown list.

The screenshot shows a web form titled "Select Occupations". At the top, there is a text input field containing "Carpenter", followed by "Search" and "Clear" buttons. Below this is a dropdown menu labeled "Select Occupation Levels". Underneath the dropdown, it says "Selected 0 of 3 occupations." followed by a table of results.

<input type="checkbox"/>	Occupation Code	Occupation Title
<input type="checkbox"/>	47-2031	Carpenters
<input type="checkbox"/>	47-3012	Helpers--Carpenters
<input type="checkbox"/>	51-7011	Cabinetmakers and Bench Carpenters

At the bottom of the form, there are two buttons: "Get Industries" and "Reset".

To filter by occupational level: Click the “Select Occupation Levels” box, then click either “Select Major level occupations” or “Select Major and Minor level occupations.”

This screenshot shows the same "Select Occupations" form, but with the search input field empty and the "Select Occupation Levels" dropdown menu expanded, showing a list of options (not fully visible in the image).

To filter by occupation code: Click the funnel icon in the “Occupation Code” header in the dropdown list.

4. Click “Get Industries.”

5. Select the desired industry by either typing the industry title in the “Search Industry (NAICS) Title” box or checking an industry level from the dropdown list.

Select Industries

Search

Clear

Select Industry Levels

▼

Selected 1 of 161 Industries.

Selections	Industry Level ▼	Industry Code ▼	Industry Title
<input type="checkbox"/>	0	10	Total, All Industries
<input type="checkbox"/>	1	1011	Natural Resources and Mining
<input type="checkbox"/>	2	21	Mining, Quarrying, and Oil and Gas Extraction
<input type="checkbox"/>	3	212	Mining (except Oil and Gas)
<input type="checkbox"/>	4	2123	Nonmetallic Mineral Mining and Quarrying
<input type="checkbox"/>	3	213	Support Activities for Mining
<input type="checkbox"/>	4	2131	Support Activities for Mining
<input checked="" type="checkbox"/>	1	1012	Construction
<input type="checkbox"/>	2	23	Construction
<input type="checkbox"/>	3	236	Construction of Buildings

To filter by industry level: Click the “Select Industry Levels” box and select one of the four levels listed, or click the funnel icon in the “Industry Level” column header in the dropdown list.

Select Industries

Search

Clear

Select Industry Levels

▼

To filter by industry code: Click the funnel icon in the “Industry Code” column header and enter a numerical value in the empty box.

Selected 83 of 0 industries.

Selections	Industry Level ▼	Industry Code ▼	Industry Title
<input type="checkbox"/>	0	10	
<input type="checkbox"/>	1	1011	Mining
<input type="checkbox"/>	2	21	Oil and Gas Extraction
<input type="checkbox"/>	3	212	(Gas)
<input type="checkbox"/>	4	2123	Nonmetallic Mineral Mining and Quarrying

Filter by:

Starts with ▼

Filter Clear

6. Select rate type by checking “Annual” or “Hourly.”

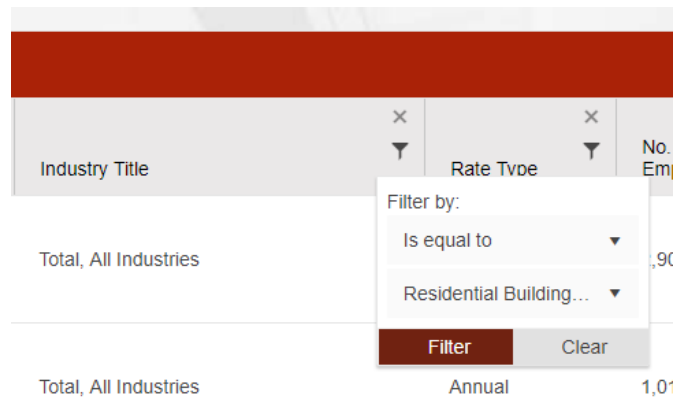
Rate Type

☒ Annual ☐ Hourly

Get Report

7. Click “Get Report.”

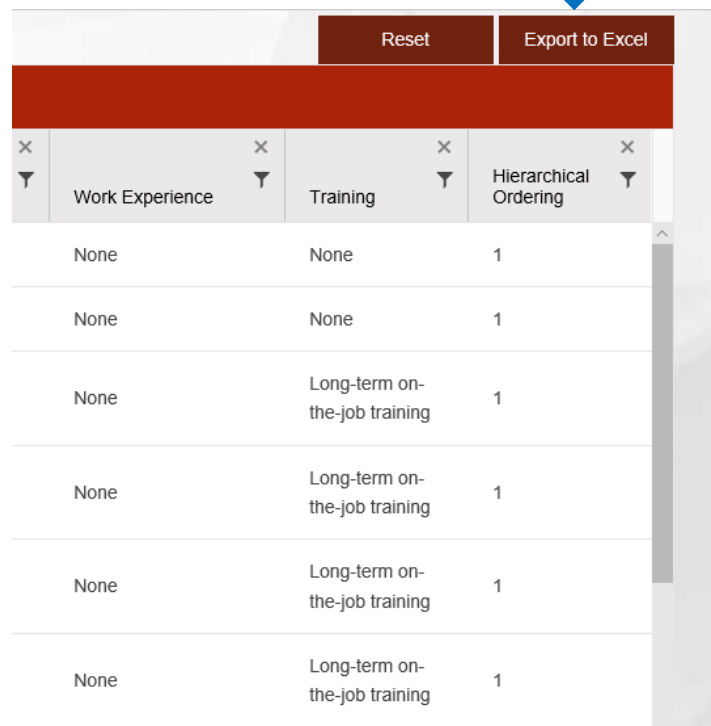
To filter report data: Click the funnel icon in the column headers to filter the data in the wage report.



The screenshot shows a table with a red header bar. Below the header, there are columns for 'Industry Title', 'Rate Type', and 'No. Em'. A dropdown menu is open under the 'Industry Title' column, showing 'Filter by:' with two options: 'Is equal to' and 'Residential Building...'. The 'Filter' button is highlighted in red, and the 'Clear' button is in grey. The table content shows 'Total, All Industries' for both the 'Industry Title' and 'Rate Type' columns, with a value of '1,01' in the 'No. Em' column.

Industry Title	Rate Type	No. Em
Total, All Industries		,90
Total, All Industries	Annual	1,01

To export to Excel: Click the “Export to Excel” button.

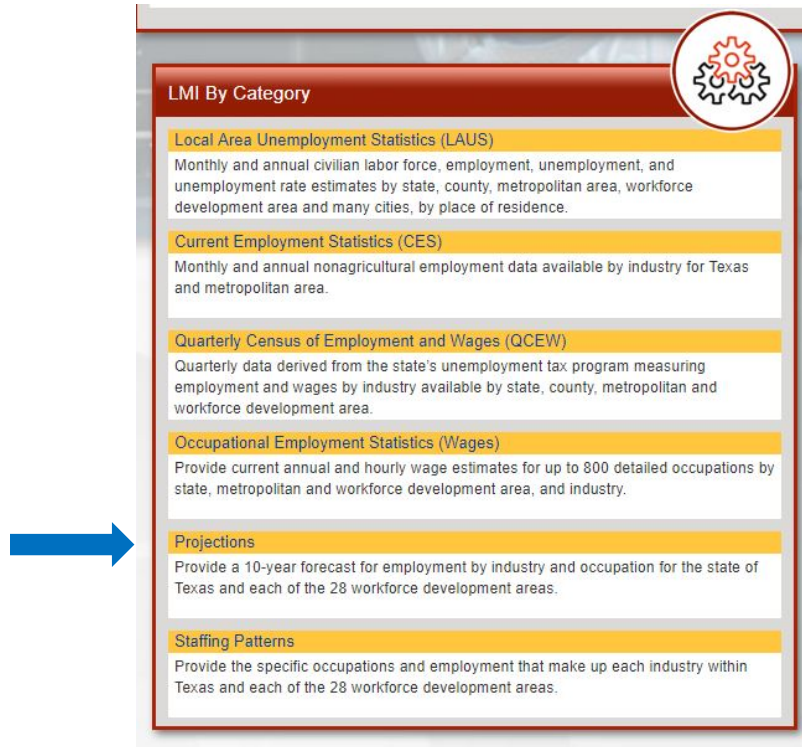


The screenshot shows a table with a red header bar. Above the table, there are two buttons: 'Reset' and 'Export to Excel'. The 'Export to Excel' button is highlighted in red. A blue arrow points down to the 'Export to Excel' button. The table has columns for 'Work Experience', 'Training', and 'Hierarchical Ordering'. The table content shows 'None' for 'Work Experience' and 'Long-term on-the-job training' for 'Training', with a value of '1' in the 'Hierarchical Ordering' column.

Work Experience	Training	Hierarchical Ordering
None	None	1
None	None	1
None	Long-term on-the-job training	1
None	Long-term on-the-job training	1
None	Long-term on-the-job training	1
None	Long-term on-the-job training	1

Creating and Downloading Projections Reports

1. From TexasLMI.com's homepage, click "Projections."



2. Select area type "Texas" or "WDA" (workforce development area).

The screenshot shows the 'Projections' form on the TexasLMI.com website. It includes a 'Select Area Type' section with two buttons: 'Texas' and 'WDA'. Below these buttons is a text input field containing 'Texas'. There is also a checkbox labeled 'Include all WDAs' which is currently unchecked. At the bottom of the form are two buttons: 'Get Occupations' and 'Reset'.

For Texas search: Check the “Include all WDAs” box to include data from all WDAs.

The screenshot shows a web form titled "Projections". Under the heading "Select Area Type", there are two buttons: "Texas" (highlighted in dark red) and "WDA" (dark grey). Below these buttons is a text input field containing the word "Texas". Underneath the input field is a checkbox labeled "Include all WDAs" which is checked. At the bottom of the form are two buttons: "Get Occupations" (dark red) and "Reset" (dark grey).

For WDA search: Click inside the empty box with the blinking cursor and select the desired WDA from the list. If all WDAs are desired, choose “Select All WDAs.” Then, check the “Include Texas” box to include statewide data in the report.

The screenshot shows the same "Projections" form. Under "Select Area Type", the "Texas" button is dark red and the "WDA" button is highlighted in dark red. The text input field below contains two selected items: "Brazos Valley" and "Alamo", each followed by a red "X" icon to indicate they can be removed. Below the input field is a checkbox labeled "Include Texas" which is checked. At the bottom are the "Get Occupations" (dark red) and "Reset" (dark grey) buttons.

A map search is available for the “WDA” report. To search by map, click “Select from Map.” Click the desired area on the map and then click “Add Selections.”

Select WDA(s) from Map

Current WDA:

Selected WDA:

Brazos Valley x Alamo x

Remove All Selections x

Cancel Add Selections

3. Click “Get Occupations.”

4. Select the desired occupation by either typing the occupational title in the “Search Occupations (SOC) Title” box or checking an occupation from the list.

Select Occupations

Search Occupations (SOC) Title Search Clear

Select Occupation Levels

Selected 1 of 909 occupations.

<input type="checkbox"/>	Occupation Code	Occupation Title
<input checked="" type="checkbox"/>	00-0000	Total, All Occupations
<input type="checkbox"/>	11-0000	Management Occupations
<input type="checkbox"/>	11-1000	Top Executives
<input type="checkbox"/>	11-1011	Chief Executives
<input type="checkbox"/>	11-1021	General and Operations Managers
<input type="checkbox"/>	11-1031	Legislators
<input type="checkbox"/>	11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers
<input type="checkbox"/>	11-2011	Advertising and Promotions Managers
<input type="checkbox"/>	11-2021	Marketing Managers
<input type="checkbox"/>	11-2022	Sales Managers

Get Industries Reset

To filter by occupation level: Click the “Select Occupation Levels” box. Then, click either “Select Major level occupations” or “Select Major and Minor level occupations.”

Select Occupations

To filter by occupation code: Click the funnel icon in the “Occupation Code” header in the dropdown list and enter a numerical value in the empty box.

Occupation Code	Occupation Title
00-0000	
11-0000	
11-1000	
11-2000	

Filter by:

Starts with

11

Filter Clear

5. Click “Get Industries.”

6. Select the desired industry by either typing the industry title in the “Search Industry (NAICS) Title” box or checking an industry from the list.

Select Industries

Selected 1 of 410 industries.

	Industry Level	Industry Code	Industry Title
<input type="checkbox"/>	Industry Group (4 digit)	3169	Other leather product manufacturing
<input type="checkbox"/>	Industry subsector (3 digit)	321	Wood product manufacturing
<input checked="" type="checkbox"/>	Industry Group (4 digit)	3211	Sawmills and wood preservation
<input type="checkbox"/>	Industry Group (4 digit)	3212	Plywood and engineered wood product mfg.
<input type="checkbox"/>	Industry Group (4 digit)	3219	Other wood product manufacturing
<input type="checkbox"/>	Industry subsector (3 digit)	322	Paper manufacturing

To filter by industry level: Click the “Select Industry Levels” box and select one of the four levels listed or the “Select All Industries” option. You can also filter industries by clicking the funnel icon in the “Industry Level” column header in the dropdown list and entering a numerical value.

Select Industries

Selected 21 of 21 industries.

Industry Level	Industry Code
All Industries	Filter by:
Supersector	Is equal to
Industry sector (2 digit)	Supersector
Industry subsector (3 digit)	Filter Clear

To filter by industry code: Click the funnel icon in the “Industry Code” column header and enter a numerical value in the empty box.

Industry Code	Industry Title
10	Filter by:
000067	Is equal to
000670	2382
000671	Filter Clear

7. Click “Get Report.”

To filter report data: Click the funnel icon in the column headers to filter the data in the wage report.

Area	SOC Code	Occupation Title
Brazos Valley		Total, All Occupations
Alamo		Total, All Occupations
Texas	00-0000	Total, All Occupations

Filter by:

Is equal to

Alamo

Filter Clear

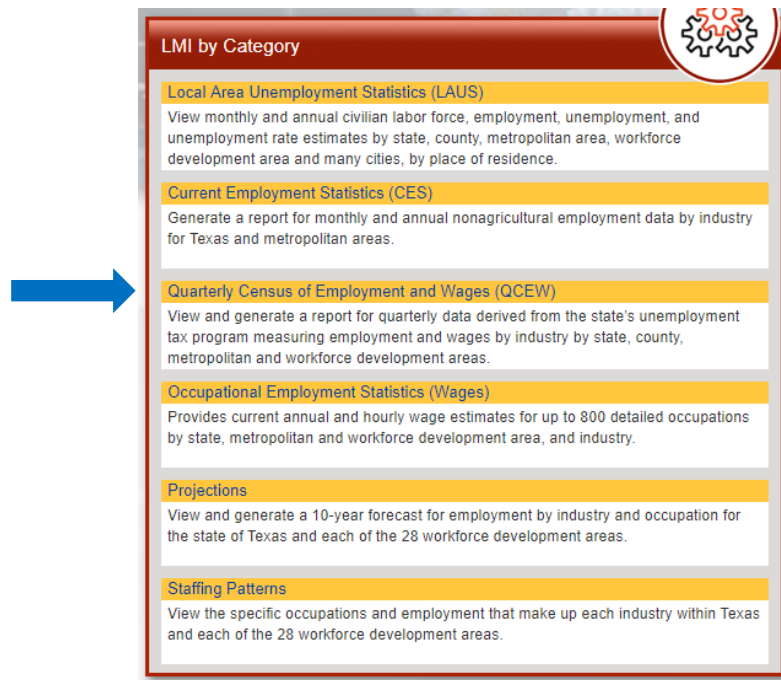
To export to Excel: Click the “Export to Excel” button.

Reset Export to Excel

Change In Employment	Percent Change
19,829	11.92

Creating and Downloading Quarterly Census of Employment and Wages Reports

1. From TexasLMI.com's homepage, click "Quarterly Census of Employment and Wages (QCEW)."



For Texas search: Check the "Include all Texas WDAs" box or "Include all Counties" box to include all statewide and county data.

Quarterly Census of Employment and Wages (QCEW)

Select Area Type

Texas	WDA	County	Metro
-------	-----	--------	-------

Texas

☒ Include all Texas WDAs
☐ Include all Counties

Select the time period by clicking the “Select Year” box and the “Select Quarters” box.

The screenshot shows a web interface titled "Select Time Period". It features a large text input field on the left containing the year "2018" with a red "X" icon to its right. To the right of this field is a smaller section containing three buttons labeled "1", "2", and "3", each with a red "X" icon to its right.

For WDA search: Click inside the empty box with the blinking cursor and select the desired workforce development area (WDA) from the list. If all WDAs are desired, choose “Select All WDAs.” Check the “Include all Counties under current selection” under current selection box or “Include Texas” to include all statewide and county data.

The screenshot shows a web interface titled "Quarterly Census of Employment and Wages (QCEW)". It has two main sections. The top section, "Select Area Type", contains four buttons: "Texas", "WDA", "County", and "Metro". Below these is a "Search Regions" input field. Underneath the search field are two checkboxes: "Include all Counties under current selection" (unchecked) and "Include Texas" (checked). The bottom section, "Select Time Period", is identical to the one in the first screenshot, with a "2018" input field and three quarter buttons labeled "1", "2", and "3".

Select the time period by clicking the “Select Year” box and the “Select Quarters” box.

For County search: Click inside the empty box with the blinking cursor and select the desired county from the list. If all counties in Texas are desired, choose “Select All Counties.” Check the “Include Texas” box for to include statewide data in the report.

The screenshot shows the 'Quarterly Census of Employment and Wages (QCEW)' search interface. Under the 'Select Area Type' section, the 'County' tab is selected. Below the tabs, a search box contains 'Angellina' and 'Archer', both with red 'X' icons. A checkbox labeled 'Include Texas' is checked. The 'Select Time Period' section shows a search box with '2018' and a red 'X' icon, and three buttons labeled '1', '2', and '3', each with a red 'X' icon.

Select the time period by clicking the “Select Year” box and the “Select Quarters” box.

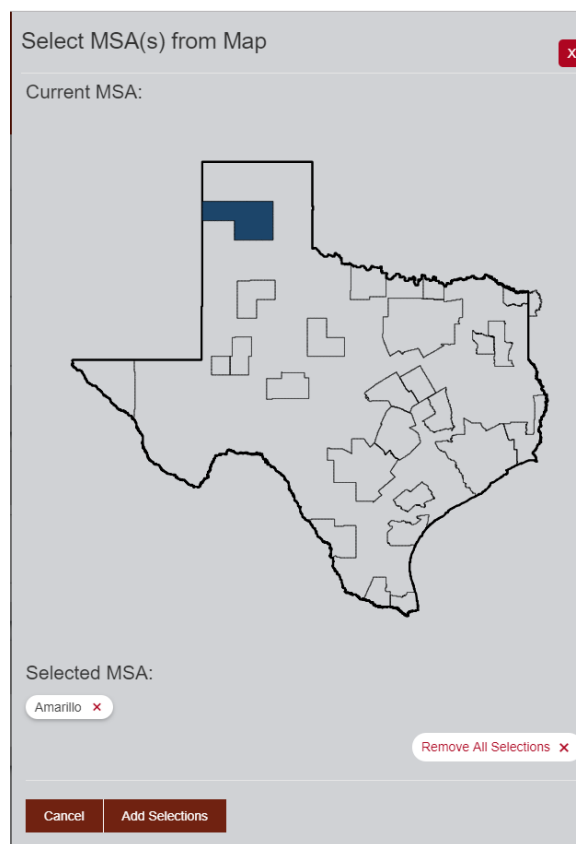
For Metro search: Click inside the empty box with the blinking cursor and select the desired metro area from the dropdown list. If all metropolitan statistical areas (MSAs) are desired, choose “Select All MSAs.” Check the “Include Metropolitan Divisions (MD)” box, the “Include Texas” box, or both boxes to include statewide and metro data.

The screenshot shows the 'Quarterly Census of Employment and Wages (QCEW)' search interface. Under the 'Select Area Type' section, the 'Metro' tab is selected. Below the tabs, a search box contains 'Amarillo' with a red 'X' icon. Two checkboxes are present: 'Include Metropolitan Divisions (MD)' is unchecked, and 'Include Texas' is checked. The 'Select Time Period' section shows a search box with '2018' and a red 'X' icon, and three buttons labeled '1', '2', and '3', each with a red 'X' icon.

Select the time period by clicking the “Select Year” box and the “Select Quarters” box.

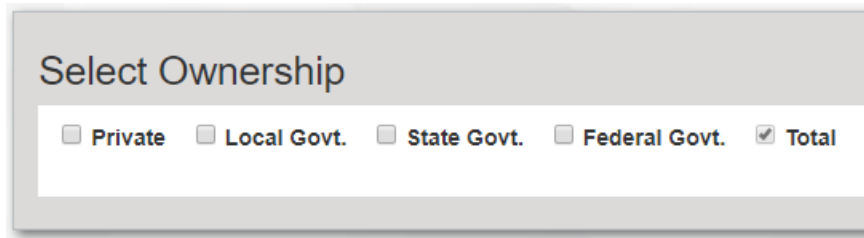
For map search: A map search is available for the “WDA,” “County,” and “Metro” reports. To search by map, click “Select from Map.” Click the desired area on the map and then click “Add Selections.”

For WDA search by map, check the “Include all Counties” under current selection box or “Include Texas” box, or both boxes to include all county and statewide data. For County search by map, check the “Include Texas” box to include statewide data. For Metro search by map, check the “Include Metropolitan Divisions (MD)” box, the “Include Texas” box, or both boxes to include statewide and metro data.



Select the time period by clicking the “Select Year” box and the “Select Quarters” box.

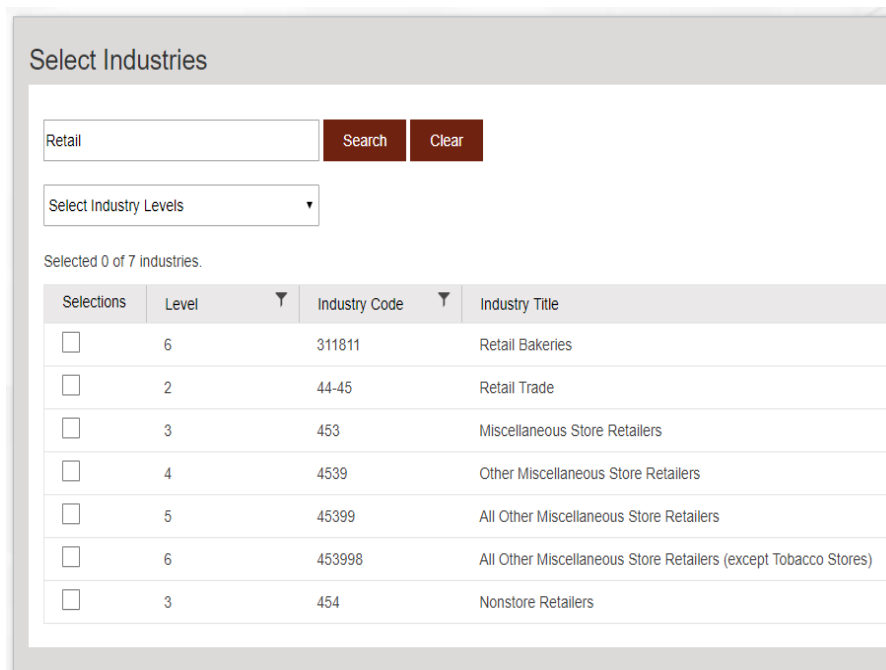
2. Select ownership by checking the box for options “Private,” “Local Govt.,” “State Govt.,” or “Federal Govt.” For a search of all categories, check the box for “Total.”



The "Select Ownership" form features a title bar at the top. Below it, there are five checkboxes with corresponding labels: "Private", "Local Govt.", "State Govt.", "Federal Govt.", and "Total". The "Total" checkbox is selected, indicated by a checkmark inside the box.

3. Click “Get Industries.”

4. Select the desired industry by either typing the industry title in the “Search Industry (NAICS) Title” box or checking an industry from the list.



The "Select Industries" form includes a search bar with the text "Retail" and buttons for "Search" and "Clear". Below the search bar is a dropdown menu labeled "Select Industry Levels". A status message indicates "Selected 0 of 7 industries." Below this is a table with columns for "Selections", "Level", "Industry Code", and "Industry Title".

Selections	Level	Industry Code	Industry Title
<input type="checkbox"/>	6	311811	Retail Bakeries
<input type="checkbox"/>	2	44-45	Retail Trade
<input type="checkbox"/>	3	453	Miscellaneous Store Retailers
<input type="checkbox"/>	4	4539	Other Miscellaneous Store Retailers
<input type="checkbox"/>	5	45399	All Other Miscellaneous Store Retailers
<input type="checkbox"/>	6	453998	All Other Miscellaneous Store Retailers (except Tobacco Stores)
<input type="checkbox"/>	3	454	Nonstore Retailers

To filter by industry level: Click the “Select Industry Levels” box and select one of the four levels listed or click the funnel icon in the “Level” column header in the dropdown list.

Retail	Search	Clear
Select all Level 4 industries ▼		

Industry Code	Industry Title
311811	
44-45	
453	
4539	

Filter by:

Starts with ▼

44

Filter

Clear

To filter by industry code: Click the funnel icon in the “Industry Code” column header and enter a numerical value in the empty box.

Industry Code	Industry Title
311811	
44-45	
453	
4539	

Filter by:

Is equal to ▼

45399

Filter

Clear

5. Click “Get Report.”

To filter report data: Click the funnel icon in the column headers to filter the data in the employment and wages report.

Area	Ownership	Inc
Amarillo		44
Amarillo		44
Amarillo		44

Filter by:

Is equal to

Texas

Filter Clear

To export to Excel: Click the “Export to Excel” button.

Reset Export to Excel

Average Employment

Average Weekly Wage

Glossary

Note: More information on Occupational Employment Statistics (OES) definitions and data can be found at https://www.bls.gov/oes/2017/may/oes_abo.htm and https://stats.bls.gov/oes/oes_ques.htm; some definitions adapted from this information.

Symbols and Numbers

% estimated (industry) an industry's base-year share of all industry in an area

% estimated (occupation) an occupation's base-year share of all occupations in an area

% projected (industry) an industry's projected share of all industry in an area

% projected (occupation) an occupation's projected share of all occupations in an area

10 percentile wage the wage below which a certain percentage of workers earn; 10 percent of workers earn at or below this wage

25 percentile wage the wage below which a certain percentage of workers earn; 25 percent of workers earn at or below this wage

75 percentile wage the wage below which a certain percentage of workers earn; 75 percent of workers earn at or below this wage

90 percentile wage the wage below which a certain percentage of workers earn; 90 percent of workers earn at or below this wage

A

Adjustment the alteration of the estimate to minimize the influence of seasonal forces, helping to more easily identify trends (e.g., the annual employment increase in the Retail Trade industry during the holiday shopping season); seasonal adjustment produces data independent of seasonal patterns, whereas no seasonal adjustment includes seasonal patterns

Annual average employment the average employment in either the base year of a time frame or the projected year, which is 10 years from the base year

Annual change in employment (growth) newly created jobs

Annual exits from workforce average annual permanent exits from the workforce

Annual growth rate percent change recalculated as an annual rate

Annual openings newly created jobs

Annual transfers from occupation average annual transfers of workers from one major occupational group to another major occupational group

Annualized percent growth the rate of change recalculated as an annual rate

Area the geographic location to which the data refer

Area type the geographic level of a selection (county; Workforce Development Area, or WDA; Texas; or United States)

Average weekly wages (AWW) quarterly wages divided by the average of the 3-month employment levels (all employees) and dividing the result by 13, for the 13 weeks in the quarter

B

Benchmark the year when sample-based Current Employment Statistics (CES) data were last realigned to Quarterly Census of Employment and Wages (QCEW)–based population counts

C

Change in employment the difference between the projected employment and the estimated employment

E

Education typical education needed for entry into an occupation as determined by the Bureau of Labor Statistics

Employment the number of employed people within a geographic selection for the selected year

Entry wage the wage an entry-level worker might expect to earn; defined as the average (mean) wage earned by the lowest third of all workers in a specific location and occupation

Establishment an economic unit that produces goods or services, is generally found at a single physical location, and is engaged primarily in one type of economic activity

Estimated employment the annual average employment for the base year of the projections time frame

Experience work experience that is commonly considered necessary by employers or experience that is a commonly accepted substitute for other, more formal training or education

Experienced wage the wage an experienced worker might expect to earn; defined as the average (mean) wage earned by the upper two thirds of all workers in the selected location and occupation

F

Firm a business entity, either corporate or otherwise, that may include one or several establishments

H

Hierarchical ordering the sequence in which a particular industry will appear in a report compared to every other industry

Hourly earnings the average of gross payrolls divided by total hours paid in an industry during the pay period, which includes the 12th day of the month

Hours worked the total hours worked by all employees in the given industry during the given period

I

Industry a type of economic activity engaged in by a firm or group of firms as used in the compilation of economic statistics; a multitiered way of classifying employers (establishments) based on the activities their organizations and employees perform (e.g., Construction industry, which includes the more specific Heavy and Civil Engineering Construction)

Industry code North American Industry Classification System (NAICS) code that classifies employers (establishments) based on the activities their organizations and employees perform (e.g., Construction industry, which includes the more specific Heavy and Civil Engineering Construction)

Industry level the level of North American Industry Classification System code (NAICS), including total (all), domain, supersector, subsector (3 digit), sector (2 digit), industry group (4 digit)

Industry sort assigned numeric value to assist with sorting

Industry title the title of the industry for each North American Industry Classification System (NAICS) code

L

Labor employed and unemployed people; also known as labor force

M

Mean annual wage estimated average annual wage for the most recent estimates year, calculated by the Occupational Employment Statistics Program

Mean hourly wage estimated average hourly wage for the most recent estimates year calculated, by the Occupational Employment Statistics Program

Mean wage the average wage, calculated by summing the wages of all the employees in an occupation and dividing the sum by the number of employees

Median wage a percentile wage boundary demarcating the 50th percentile; half of workers in an occupation earn more than the median wage, and half of workers earn less than the median wage

Metropolitan division (MD) a county or group of closely tied contiguous counties that serve as a distinct employment region within a metropolitan statistical area (MSA) that has a population core of at least 2.5 million; a subdivision of a larger MSA that often functions as a distinct social, economic, and cultural area within the larger region

Metropolitan statistical area (MSA) a geographic region with a relatively high population density at its core and close economic ties throughout the area

N

No. of employed the estimated number of people employed in a region, an occupation, or an industry

No. of jobs the number of paid positions in an industry, at a specific location, in the time period during which the data were collected

North American Industry Classification System (NAICS) code a supply-based, or production-oriented, economic classification concept that facilitates the analysis of production relationships in the economy; NAICS codes classify employers (establishments) based on the activities their organizations and employees perform (e.g., Construction industry, which includes the more specific Heavy and Civil Engineering Construction)

Number change the difference between the annual average employment in the base year and the annual average employment in the projected year

O

Occ code see Standard Occupational Classification (SOC) code

Occ summary the level of Standard Occupational Classification code (SOC), including total (all), major (2 digit), minor (3 digit), and detail (6 digit)

Occupational title the title of the major, minor, or detailed Standard Occupational Classification (SOC) code

Ownership reporting units that are classified by ownership according to legal proprietorship, either federal, state, local, or private industry, rather than by type of economic activity

P

Percent change the rate of change between the annual average employment in the base year and the annual average employment in the projected year

Percent estimated industry an industry's base year share of all industry in an area

Percent estimated occupation an occupation's base year share of all occupations in an area

Percent projected industry an industry's projected share of all industry in an area

Percent projected occupation an occupation's projected share of all occupations in an area

Period the month during which the data were collected

Production workers the estimate of nonsupervisory workers for the given industry in the given period

Projected employment the projected annual average employment 10 years from the base year

Q

Quarterly Census of Employment and Wages (QCEW) program a federal/state cooperative program that collects and compiles employment and wage data for state workers covered by state unemployment insurance laws and federal civilian workers covered by federal unemployment compensation; any data from quarterly unemployment insurance (UI) contribution reports

R

Rate type the rate of pay, either annual or hourly, depending on whether the data are reported per year or per hour

Relative percent error (employment) a measure of the reliability or precision of the mean employment estimates, defined as the ratio of the standard error to the survey estimate

Relative percent error (wage) a measure of the reliability or precision of the mean wage estimates, defined as the ratio of the standard error to the survey estimate

S

Series Code an 8-digit number that identifies the industry measured

Sort code assigned numeric value to assist with sorting

Standard Occupational Classification (SOC) code a 6-digit, multitiered coding system used to classify workers and jobs into occupational categories based on tasks performed

Summary level the level of Standard Occupational Classification code (SOC), including total (all), major (2 digit), minor (3 digit), and detail (6 digit)

T

Total annual openings the sum of annual exits, annual transfers, and annual change in employment

Total wages the total amount of taxable and nontaxable wages paid or payable, depending on wording of the state law, to covered workers for services performed during the quarter, on all the payroll figures; total wages also includes the cash value of other items that may be included with a job, such as meals, lodging, tips, and other gratuities, to the extent that state laws and regulations provide; also called gross wages or wages

Training any additional training or preparation that is typically needed once employed in an occupation to attain competency in the skills needed in that occupation

Typical education needed for entry into occupation typical education needed for entry into an occupation as determined by the Bureau of Labor Statistics

Typical on-the-job training any additional training or preparation that is typically needed once employed in an occupation to attain competency in the skills needed in that occupation

U

Unemployment the number of unemployed people within a geographic area for a selected year

Unemployment rate the rate of unemployed workers in the labor force; the rate is calculated by dividing the number of unemployed persons by the labor force, or the number of people who are either working or actively seeking work

W

Weekly earnings the average total salaries paid per week in an industry during the given period

Work experience in a related occupation work experience that is commonly considered necessary by employers or experience that is a commonly accepted substitute for other, more formal training or education

Workforce development area (WDA) a county or set of counties, designated by the governor, where local boards provide help to job seekers to access employment, education, training, and support services to succeed in the labor market and to match employers with the skilled workers they need to compete in the global economy

Y

Year the calendar 12-month period during which the data were collected