Appendix B: LMI Profiles

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Multiple types of users can access a menu group for Labor Market Services. Each user will find a separate chapter or section in their guide, summarizing the standard Labor Market Services (including Labor Market Facts and each of the Labor Market Profiles). This appendix is universal to all guides, and covers the different LMI Profiles in more detail, in one location. It is the same LMI Appendix for all user guides.

Overview of Labor Market Services

The Labor Market Services screen displays a menu of items to help individuals learn more about population and growth, tax revenue and tax sources, labor force numbers, and economic data for a selected region.

To access the Labor Market Services screen, select **Labor Market Services** from the Navigation pane. Click any of the links on the screen (as shown in the figure below) to navigate to the area in the system that will provide more information about the following topics:

- **Labor Market Facts** – The Labor Market Facts screen offers a series of links, sorted by category, that offer information about employment, education and training, and demographics within a selected area.
- **Area Profile** – The Area Profile screen allows individuals to select an area (e.g. a state, city, or zip code) and then opens the Area Summary screen for that selected area. Individuals can explore available jobs, supply and demand, employer data, and industry information about the area.
- **Industry Profile** – The Industry Profile screen allows individuals to find detailed information about specific industries within a selected area or region.
- **Occupational Profile** – The Occupational Profile screen allows individuals to explore a specific occupation within a selected area or region.
- **Education Profile** – Displays information relating to education programs and education providers for a specific area of education. Using the Educating Profile tabs, individuals can review details on a specific education programs viewing the Education Profile’s Summary, Narrative, Details, and Comparison tabs.

▶ To access Labor Market Services:

- Select **Services for Employers  > Labor Market Services** from the Navigation pane.
- Or, use the **Labor Market Services** dashboard widget.
Selecting a Labor Market Services Option

The Labor Market Services features are very accessible, offering a user-friendly interface, ample on-screen instructions and versatile search features. A Help icon is always available to provide context-sensitive descriptions of the page or section you are viewing.

When exploring profiles, the system uses common user interface options to help you become an expert simply by using the system.

- **Easy Drill-Down** – Each profile page contains several data groups accessible from the links at the top of the page. Each data group includes several data categories, each with several viewing options, including interactive graphs and maps.

- **Easy Access to Reset and Compare Features** – Users are in complete control of the area settings for each data session. Using links at the top of the page, users can quickly change the profile area or add an additional area, occupation, industry, or educational program for comparison.

- **Extensive Graph Options** – All data displays in easy-to-read tables as well as a variety of graphs. In many cases, users may select among bar graphs, line graphs, pie graphs and select their preferred color scheme.

- **Extensive Map Options** – Whenever users view data distributed over an area, they will have the option of using an interactive map. The full-featured maps allow users to zoom in or out, assign labels to areas, hover over to see exact data, and many other features.
Customizable Reports – When viewing profiles, users can use the Customize Report button to select which data categories to display. The data categories available for your data session will depend on the data group selected, and whether or not you are using the comparison features.

Display Options and Data Categories

Because many of the LMI screens provide a large amount of information, they are quite lengthy. Individuals can select their display preferences and choose how much information should display on them.

Selecting display options and data categories to view is accomplished following the same steps, regardless of whether the user is viewing data for a specific area, industry, or occupation. While the data categories will differ for areas, industries and occupations, the way they are selected is the same.

When offered the choice to select display options and/or data categories, users will make the selections as described below.

Display Options

Note: Display Options will vary, depending on which screen is being accessed.

- Click the Show Display Options link to expand the Display Options window.
Display Options Collapsed and Expanded (Occupation Summary Tab used as an example)

- **Data Element Options** – Select how to view the data on the screen by selecting the Data Element Options checkboxes. Checking these options will display tables and text and/or graphs and/or maps on the screen.

- **Area Distribution By** – Select an option from the drop-down list. The options include County, Workforce Region and Metro Area. (If “Default” is selected from the Area Distribution drop-down list, the system will display the area selected previously.)

- **Records to Display** – Select how the records should display on the screen. The options may include Highest to Lowest (e.g. highest incomes in an area to lowest) or Lowest to Highest.

- **Number of Records** – Select the number of records to display at one time.

- **Jobs Data Options** – Indicate how strictly the system will attempt to filter out duplicate jobs from any sections using advertised job data.
  - Level 1, the default setting, has a less rigorous process for filtering out duplicate jobs and will return more jobs in the data.
  - Level 2 will search through a greater number of data fields when looking for duplicate information, thereby removing more jobs from the statistical pool.

- Click the Set Display Options button to save the preferences.

**Data Categories**

*Note:* Data Categories may vary, depending on which screen is being accessed.

- Click the **Show Data Categories** link to expand the Data Categories window.
Because there are a large number of data categories, the screen provides links near the top of the section so that users can check or uncheck all the categories by simply clicking the link (Check All or Uncheck All).

The data elements are divided into categories for easier selection. Check all data elements that should display. Most data categories have subcategories to increase the level of detail from which to choose. When finished making selections, click the Set Data Categories button.

Using the Display Options and Data Categories controls allows users to create custom reports on areas, industry profiles, or occupational profiles. The selected display and data category preferences are saved for the duration of the user’s session. For instance, if users change the Display Options to include maps, then maps will display when they select any other areas on the Area Summary or Area Details tabs.

**Labor Market Facts**

The Labor Market Facts feature helps you find information quickly by starting with the most frequently asked questions about labor markets. Organized in logical groupings, each question displays as a link that navigates you to the appropriate page to find the answer. The Q&A format allows users with little experience with LMI data or research to quickly find answers based on the latest data.

- Select Labor Market Services > Labor Market Facts from the Navigation menu or Directory of Services.

**Survey the Questions.** To facilitate finding appropriate questions, users are encouraged to survey the questions. The questions relate to occupational wages, unemployment rates, popular jobs, etc. They are
common questions a typical user would ask and Geographic Solutions regularly adds new questions based on system use and customer feedback.

The **Labor Market Facts** page groups commonly asked questions about the local labor market into several categories.

- Click directly on the category bar or the plus sign (+) expands the category and displays the labor market questions.
- Click on a Question link to view the labor market data related to a question that interests you. Follow instructions on the screen to proceed to the answer for that specific question.

The system organizes questions into the following categories and can be used to research any area:

- Advertised jobs in the area
- Area Occupational information
- Area Education requirements for occupations
- Area Employment and unemployment data
- Area Employers
- Area Candidates for Jobs
- Area Industries
- Complete profiles of a specific Area, Industry, Occupation, or Education Program
- Area Training Providers
- Demographic data for an area

**To find specific data in Labor Market Facts:**

1. Select **Labor Market Services** → **Labor Market Facts** from the Navigation menu or Directory of Services.
2 Click the category title or the plus sign to expand a category.

Note: Click the category title again or the minus sign to collapse a category.

3 Click one of the links within a category to find the answer to the question posed.

4 Then follow the instructions on the screen that follows, if needed.

For example: The following figure shows how selecting the question, “What occupations are predicted to have the most future job openings in an area?”

After selecting a labor market question, you will need to confirm the area they wish to consider. Depending on the question, you may also need to select an occupation, industry, or education program. Once the user makes the necessary selections and clicks the Continue button, the system navigates to the data category that answers the question.
Area Profiles

Compiling information from multiple sources, the system provides a complete statistical profile of a selected geographic area. Data elements include monthly unemployment rates, job counts/availability, demographics, industry and occupational projections, wages, population, income, employment, etc.

- Select Labor Market Services › Area Profile from the Navigation menu or Directory of Services.

Select an Area

For all Area Profile data sessions, you must first identify the area (or multiple areas when using the comparison feature).

![Select an Area](image)

When your desired area displays in the Area field, click the Continue button to go to the Area Profile.

Selecting an Area Type to Initiate an Area Profile Session

The area you select will display as a link at the top of each Area Profile page. The current Area link will allow you to select a new area for the data session. The Compare link, when available, will allow you select multiple areas for comparison (see next section). In addition, you may use the Change Area link located at the bottom of each page.
Reviewing Profile Selections and Accessing the Change Feature

Area Summary

For each area, the Summary group highlights in words and graphics key LMI data that define an area. The narrative incorporates current data into an all-you-need-to-know overview of the area. Graphic icons focus on key indicators and link to tables and maps with supporting data. Finally, the system shows each area in context through comparisons with the state as a whole in terms of population, employment, and income.

- When viewing an area profile, click the Summary link at the top of the page.

As you explore the features and links in the Area Summary, be sure to use the Return to Area Summary button located at the bottom of all linked pages – this returns you to the main page. Other features allow you to share or print the data you are viewing.
Narrative Description of Area

The **Summary** group begins with a narrative summary of the selected area derived from multiple sources including the Workforce Information Database (WID) and Wikipedia.

- Click the **More** link to see the full narrative, as some can be quite extensive.

| Davidson County | Davidson County is a county located in the State of Tennessee. As of the 2010 census, the population was 626,681, making it the second most populous county in Tennessee. Its county seat is Nashville. In 1963, the city of Nashville and the Davidson County government merged, so the county govern... **More** |

*Source: Multiple sources including Workforce Information Database and Wikipedia*

**Viewing the Narrative Summary of an Area**

Quick Reference Icons

The **Summary** group also includes icons focused on key area indicators. With just a glance, users can assess current data for the area. When comparing areas, the icons allow for quick at-a-glance assessments.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description and Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Area unemployment rate" /></td>
<td><strong>Area unemployment rate.</strong> Click to see breakdown and area comparison views.</td>
</tr>
<tr>
<td><img src="image" alt="Current Job Openings" /></td>
<td><strong>Current Job Openings.</strong> Hover to see number openings in the area. Click to access current list of job openings and area comparison views.</td>
</tr>
<tr>
<td><img src="image" alt="Total Average Employment" /></td>
<td><strong>Total Average Employment.</strong> Hover to see quarter. Click to access breakdown of wages and area comparison views.</td>
</tr>
<tr>
<td><img src="image" alt="Estimated Population Change" /></td>
<td><strong>Estimated Population Change.</strong> Data shows estimated population and percentage change for U.S. Census years.</td>
</tr>
<tr>
<td><img src="image" alt="Median Family Income Estimate" /></td>
<td><strong>Median Family Income Estimate.</strong> Hover to see year. Click to see breakdown of data sources (HUD, Census, BEA).</td>
</tr>
</tbody>
</table>

When reviewing quick reference icons, users can hover over to see actual data, and click to navigate to the complete data table.
Snapshots

For single-area data sessions, the Summary group includes several snapshots, each focused on one or two key indicators.

For each area, the Summary group includes the following snapshots:

- Supply and Demand
- Employers by Number of Job Openings
- Employment and Unemployment
- Advertised Job Openings
- Average Wage Distribution
- Top Growing Occupations
- Employment and Wages
- Population Totals

All snapshot headings link to view the complete data category, display options and links. Many tables in the Summary group also include links to open new profiles or to access job lists.

- Click an Area Name link to open the corresponding area profile.
- Click a Job Openings link to view the jobs advertised for that job skill, industry, area, etc.
- Click any Snapshot Heading to navigate to the complete data set for that topic, as shown below for Supply and Demand. (Use the Return to Area Summary button to return to the main page.)
Using Snapshots in the Summary Group to Access Complete Data

Jobs

The Jobs group uses current data on advertised jobs (either daily or monthly counts). The system ranks job counts by area, job skills, tools and technology, occupation, industry, etc. For each display, users can link directly to a listing of advertised jobs that meet the criteria.

- When viewing an area profile, click the Jobs link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.
Customizing Reports for a Single (left) or Multiple-Area (right) Data Session

The **Jobs Available** table displays the total advertised job openings in the area for a single day. Displays in either single or multiple area data sessions.

**Note:** The In-Demand stars shown in the table below are only available for customers who have arranged for a special loading of their state-specific Occupational Demand files.

- Click a Job Openings link to view the jobs advertised in that area (shown below).

Comparing Jobs Available in Three Areas and Accessing the Job Listings

The **Monthly Job Count** table displays the total advertised job openings in the area for a single month. Displays only in single area settings.
Viewing Monthly Job Count Totals for a Single County

The **Jobs Area Distribution** table ranks areas based on advertised job openings. As with all area distributions, the table includes both Graph and Map options, and is available only during single-area data sessions.

- Click a Job Openings link to view the jobs advertised in that area.
- Click an Area Name link to open the corresponding area profile.

Viewing Area Distribution of Jobs from Highest to Lowest

The **Advertised Job Skills** table ranks the prevalence of job skills found in advertised job openings. The table only displays in single area settings, and includes the graph option.

- Click a Job Openings link to view the jobs that include the detailed job skill.
The Advertised Tools and Technology table ranks the prevalence of tools and technology found in advertised job openings. The table only displays in single area settings, and includes the graph option.

- Click a Job Openings link to view the jobs that include the detailed tool or technology.

The Industries by Advertised Jobs table ranks the industries associated with advertised job openings. The table only displays in single area settings, and includes the graph option.

- Click a Job Openings link to view the jobs that belong to that industry.
The Occupations by Advertised Job table ranks the occupations associated with advertised job openings. The table only displays in single area settings, and includes the graph option.

**Note:** The In-Demand stars shown in the table below are only available for customers who have arranged for a special loading of their state-specific Occupational Demand files.

- Click a Job Openings link to view the jobs that belong to the occupation.
- Click an Occupation link to open the corresponding occupation profile.

### Viewing Industries by Advertised Jobs from Highest to Lowest

<table>
<thead>
<tr>
<th>Rank</th>
<th>Industry</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Health Care and Social Assistance</td>
<td>1,982</td>
</tr>
<tr>
<td>2</td>
<td>Administrative and Support and Waste Management and Remediation Services</td>
<td>1,650</td>
</tr>
<tr>
<td>3</td>
<td>Accommodation and Food Services</td>
<td>1,223</td>
</tr>
<tr>
<td>4</td>
<td>Retail Trade</td>
<td>1,192</td>
</tr>
<tr>
<td>5</td>
<td>Professional, Scientific, and Technical Services</td>
<td>1,001</td>
</tr>
<tr>
<td>6</td>
<td>Finance and Insurance</td>
<td>881</td>
</tr>
<tr>
<td>7</td>
<td>Management of Companies and Enterprises</td>
<td>725</td>
</tr>
<tr>
<td>8</td>
<td>Manufacturing</td>
<td>517</td>
</tr>
<tr>
<td>9</td>
<td>Wholesale Trade</td>
<td>513</td>
</tr>
<tr>
<td>10</td>
<td>Educational Services</td>
<td>460</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data

### Viewing Occupations by Advertised Job from Highest to Lowest

<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Registered Nurses</td>
<td>822</td>
</tr>
<tr>
<td>2</td>
<td>Customer Service Representatives</td>
<td>346</td>
</tr>
<tr>
<td>3</td>
<td>Heavy and Tractor-Trailer Truck Drivers</td>
<td>294</td>
</tr>
<tr>
<td>4</td>
<td>Retail Salespersons</td>
<td>257</td>
</tr>
<tr>
<td>5</td>
<td>First-Line Supervisors of Food Preparation and Serving Workers</td>
<td>224</td>
</tr>
<tr>
<td>6</td>
<td>Computer Programmers</td>
<td>189</td>
</tr>
<tr>
<td>7</td>
<td>General and Operations Managers</td>
<td>160</td>
</tr>
<tr>
<td>8</td>
<td>Executive Secretaries and Executive Administrative Assistants</td>
<td>157</td>
</tr>
<tr>
<td>9</td>
<td>Bookkeeping, Accounting, and Auditing Clerks</td>
<td>142</td>
</tr>
<tr>
<td>10</td>
<td>Accountants</td>
<td>140</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data
The **Jobs by Occupation Group** table ranks the occupation groups associated with advertised job openings. The table only displays in single area settings, and includes the graph option.

- Click a **Job Openings** link to view the jobs that belong to that occupation group.
- Click an **Occupation Group** link to open the corresponding occupation profile.

![Jobs by Occupation Group](image)

**Viewing In-Demand Occupation Groups from Highest to Lowest**

The **Employers by Number of Job Openings** table ranks employers by the number of advertised job openings in the area. Displays in either single or multiple area data sessions.

- Click a **Job Count** link to view the jobs listed for that employer in the corresponding area.

![Employers by Number of Job Openings](image)

**Comparing Employer Job Listings in Multiple Areas from Highest to Lowest**
Candidates

The Candidates group uses current data on candidates found in the workforce system.

- When viewing an area profile, click the Candidates link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.

Customizing Reports for a Single (left) or Multiple-Area (right) Data Session

The Candidates Available table displays the total number of potential candidates in the workforce system for each area. Displays in either single or multiple area data sessions.

- Click a Job Openings link to view the jobs advertised in that area.

Comparing Candidates Available in Three Areas

The Candidates Area Distribution table ranks areas based on the total number of potential candidates in the workforce system. As with all area distributions, the table includes both Graph and Map options, and is available only during single-area data sessions.

- Click an Area Name link to open the corresponding area profile.
The Occupations by Candidates Available table ranks occupations based on the total number of associated candidates available in the workforce system.

- Click an Occupation link to open the corresponding occupation profile.
Viewing Candidates Available by Occupation from Highest to Lowest

The Candidates by Occupations Group table ranks occupation groups based on the total number of associated candidates available in the workforce system.

- Click an Occupation Group link to open the corresponding occupation profile.
Supply and Demand

The Supply and Demand group combines current data on advertised jobs (either daily or monthly counts) with candidates found in the workforce system. Analysts can view supply and demand data for a given area, seeing how the number of advertised jobs compares with the candidates available. The system ranks data by area, number of openings, number of candidates, ratio of unemployed per job opening, occupation, occupation group, etc.

- When viewing an area profile, click the Supply and Demand link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.
The **Jobs and Candidates Available** table displays the advertised job openings along with the candidates in the workforce system. Displays in either single or multiple area data sessions.

- Click a **Job Openings** link to view the jobs advertised in that area.

![Image of Jobs and Candidates Available table]

The ratio of job openings per candidate automatically calculates for each area, allowing easy comparison when viewing multiple areas.

**Viewing Jobs and Candidates in a Single and Multiple Areas**

The **Jobs and Candidates Area Distribution** table ranks areas by the candidates per job ratio. As with all area distributions, the table includes both **Graph** and **Map** options, and is available only during single-area data sessions.

- Click a **Job Openings** link to view the jobs advertised in that area.
- Click an **Area Name** link to open the corresponding area profile.

![Image of Jobs and Candidates Area Distribution table]
Viewing Area Distribution of Jobs and Candidates

The **Number of Unemployed per Job Opening** table calculates a ratio of unemployed per job opening.

The **Number of Unemployed per Job Opening** ranks areas by the ratio of unemployed per job opening. As with all area distributions, the table includes both **Graph** and **Map** options, and is available only during single-area data sessions.

- Click an **Area Name** link to open the corresponding area profile.
Viewing Area Rankings Based on the Ratio of Unemployed to Job Openings

The **Number of Candidates and Openings for Jobs by Occupation** table ranks occupations by job openings and lists the potential candidates and the ratio of potential candidates to job openings.

- Click a **Job Openings** link to view the jobs advertised associated with the occupation.
The **Jobs and Candidates by Occupation Group** table ranks occupation groups by job openings and lists the potential candidates for each occupation group.

- Click a **Job Openings** link to view the jobs advertised associated with the occupation.
- Click an **Occupation Group** link to open the corresponding occupation profile.
Viewing Occupation Group Rankings Based on Job Openings (Candidates Also Shown)

**Education, Training and Experience**

The **Education, Training and Experience** group displays education, certification, and job experience requirements for jobs listed online. Data includes the minimum education level required, educational level attained by potential candidates, advertised certification groups found advertised job openings, and the minimum work experience required, as well as the experience level of potential candidates.

- When viewing an area profile, click the **Education, Training and Experience** link at the top of the page.

To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-area data sessions.
The **Education Level of Jobs and Candidates Available** table displays the job openings that correspond to a required education level along with the number of potential candidates. The potential candidates are then broken down by their level of educational achievement. Keep in mind that many job listings do not specify level of educational achievement.

- Click a [Job Openings](#) link to view the jobs advertised in that area.

### Viewing Breakdown of Job Openings and Candidates by Education Level

<table>
<thead>
<tr>
<th>Rank</th>
<th>Education Level</th>
<th>Job Openings</th>
<th>Percentage of Job Openings</th>
<th>Potential Candidates</th>
<th>Percentage of Potential Candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than High School</td>
<td>0</td>
<td>N/A</td>
<td>86</td>
<td>1.32%</td>
</tr>
<tr>
<td>2</td>
<td>High School Diploma or Equivalent</td>
<td>1</td>
<td>33.33%</td>
<td>1,860</td>
<td>28.47%</td>
</tr>
<tr>
<td>3</td>
<td>Vocational School Certificate</td>
<td>0</td>
<td>N/A</td>
<td>492</td>
<td>7.53%</td>
</tr>
<tr>
<td>4</td>
<td>Associate's Degree</td>
<td>0</td>
<td>N/A</td>
<td>635</td>
<td>9.72%</td>
</tr>
<tr>
<td>5</td>
<td>Bachelor's Degree</td>
<td>0</td>
<td>N/A</td>
<td>1,565</td>
<td>23.96%</td>
</tr>
<tr>
<td>6</td>
<td>Master's Degree</td>
<td>0</td>
<td>N/A</td>
<td>577</td>
<td>8.83%</td>
</tr>
<tr>
<td>7</td>
<td>Doctorate Degree</td>
<td>0</td>
<td>N/A</td>
<td>86</td>
<td>1.32%</td>
</tr>
<tr>
<td>8</td>
<td>Specialized Degree (e.g. MD, DDS)</td>
<td>0</td>
<td>N/A</td>
<td>46</td>
<td>0.70%</td>
</tr>
</tbody>
</table>

**Job Source:** Online advertised jobs data  
**Candidate Source:** Individuals with active resumes in the workforce system.

The **Advertised Job Certifications** table displays all job certifications listed in advertised job openings. Keep in mind that many job listings do not specify certification requirements.

- Click a [Job Openings](#) link to view the jobs advertised in that area.

### Viewing Job Certifications as Listed in Job Openings

<table>
<thead>
<tr>
<th>Rank</th>
<th>Advertised Certification Group</th>
<th>Advertised Certification Sub-Category</th>
<th>Job Opening Match Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Commercial Drivers License (CDL)</td>
<td>Ground Transportation</td>
<td>1</td>
</tr>
</tbody>
</table>
The **Work Experience of Jobs and Candidates** table displays the job openings that correspond to a required work experience level, along with the number of potential candidates. Keep in mind that many job listings do not specify work experience requirements.

![Work Experience of Jobs and Candidates](image)

**Employment and Wages**

The **Employment and Wages** group displays wage statistics and distribution, allowing comparisons across industries, occupations, and labor force categories.

- When viewing an area profile, click the **Employment and Wages** link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button.

![Customize Report button](image)

### Wages
- All Wages
- Employment Wage Statistics
- Employment Wage Statistics Distribution
- Desired Salary of Available Candidates

### Industries
- All Industries
- Industry Employment Distribution
- Current Employment Statistics (CES)
- Industries by Projected Growth

### Occupations
- All Occupations
- Occupational Employment Distribution
- Occupations by Employment Wage
- Occupations by Advertised Salary
- Occupations by Projected Growth

### Employment and Unemployment
- All Employment and Unemployment
- Area Labor Force, Employment and Unemployment Data
- Labor Force, Employment and Unemployment Distribution

**Customizing Reports for a Single or Multiple-Area Data Session**

The **Employment Wage Statistics** table shows the number of employees in an area and calculates the average hourly, weekly, and annual wage.

- Click an **Area Name** link to reset your area profile to the new location.
Viewing Employment Wage Statistics as Part of Area Profile for Davidson County

The Employment Wage Statistics Distribution table ranks areas by wage amounts. Users may click on a column heading to resort the table.

- Click an Area Name link to reset your area profile to the new location.

Viewing Employment Wage Distribution as Part of Area Profile for Davidson County
The **Desired Salary of Available Candidates** table groups potential candidates into categories that reflect their desired salary range. The table includes only those candidates who have stated they desire to work in the selected area. The last column shows the percentage of candidates that fall into each salary range.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Desired Salary</th>
<th>Potential Candidates</th>
<th>Percentage of Potential Candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not Specified</td>
<td>2,174</td>
<td>14.84%</td>
</tr>
<tr>
<td>2</td>
<td>$5,000 - $19,999</td>
<td>248</td>
<td>1.69%</td>
</tr>
<tr>
<td>3</td>
<td>$20,000 - $34,999</td>
<td>4,968</td>
<td>33.90%</td>
</tr>
<tr>
<td>4</td>
<td>$35,000 - $49,999</td>
<td>3,674</td>
<td>25.07%</td>
</tr>
<tr>
<td>5</td>
<td>$50,000 - $64,999</td>
<td>1,672</td>
<td>11.41%</td>
</tr>
<tr>
<td>6</td>
<td>$65,000 - $79,999</td>
<td>835</td>
<td>5.70%</td>
</tr>
<tr>
<td>7</td>
<td>$80,000 - $94,999</td>
<td>462</td>
<td>3.15%</td>
</tr>
<tr>
<td>8</td>
<td>$95,000 or more</td>
<td>620</td>
<td>4.23%</td>
</tr>
</tbody>
</table>

Source: Individuals with active résumés in the workforce system.

**Viewing Distribution of Candidates’ Desired Salaries**

The **Industry Employment Distribution** table ranks industries in the selected area by the highest number of employees.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Industry Sector</th>
<th>Establishments</th>
<th>Employees</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Total, all industries</td>
<td>21,764</td>
<td>479,839</td>
</tr>
<tr>
<td>2</td>
<td>Health Care and Social Assistance</td>
<td>1,792</td>
<td>80,156</td>
</tr>
<tr>
<td>3</td>
<td>Accommodation and Food Services</td>
<td>1,935</td>
<td>50,970</td>
</tr>
<tr>
<td>4</td>
<td>Retail Trade (44 &amp; 45)</td>
<td>2,564</td>
<td>44,976</td>
</tr>
<tr>
<td>5</td>
<td>Administrative and Support Services</td>
<td>1,439</td>
<td>43,137</td>
</tr>
</tbody>
</table>

**Viewing Industries with the Highest Number of Employees in the Area**

The **Industries by Advertised Jobs** table shows industries with the highest number of job openings in the selected area.

- Click a [Job Openings](#) link to view the jobs advertised in that industry.
Viewing Industries with the Highest Number of Job Openings in the Area

The Current Employment Statistics (CES) table lists all industries by Series Code to compare employment in the current month with the previous month.

Viewing Recent Changes to Current Employment by Industry

The Industries by Projected Growth table compares current employment estimates with projected employment ten years later. For the time period, the table shows the total annual percentage change and gives the total employment change.

- Click an Industry link to open the corresponding industry profile.
Comparing Current Employment Estimates with Projected Employment by Industry

The Occupational Employment Distribution table shows occupations with the highest projected employment for the ten-year range.

Viewing Occupations with the Highest Projected Employment in the Area

The Occupations by Employment Wage table shows occupations with the highest median annual wage in the previous year.

- Click an Occupation link to open the corresponding occupation profile.
Viewing Occupations with the Highest Median Annual Wage

The Occupations by Advertised Jobs table shows occupations with the highest number of job openings advertised online in the area.

- Click an Occupation link to open the corresponding occupation profile.

Viewing Occupations with the Highest Number of Advertised Job Openings

The Occupations by Candidates Available table shows occupations with the highest number of potential candidates that were looking for jobs in the area.

- Click an Occupation link to open the corresponding occupation profile.
The **Occupations by Advertised Salary** table shows occupations with the highest advertised median annual wage.

- Click an **Occupation** link to open the corresponding occupation profile.

---

### Occupations by Advertised Salary

This section shows the occupations with the highest advertised median (annual) wages based on job openings advertised online in Davidson County, TN on December 12, 2017. (Jobs De-duplication Level 2).

<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation</th>
<th>Median Annual Advertised Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chief Executives</td>
<td>$128,313</td>
</tr>
<tr>
<td>2</td>
<td>Pharmacists</td>
<td>$114,130</td>
</tr>
<tr>
<td>3</td>
<td>Computer Systems Engineers/Architects</td>
<td>$111,250</td>
</tr>
<tr>
<td>4</td>
<td>Software Developers, Applications</td>
<td>$94,500</td>
</tr>
<tr>
<td>5</td>
<td>Computer Programmers</td>
<td>$92,250</td>
</tr>
<tr>
<td>6</td>
<td>Sales Managers</td>
<td>$90,865</td>
</tr>
<tr>
<td>7</td>
<td>Supply Chain Managers</td>
<td>$90,000</td>
</tr>
<tr>
<td>8</td>
<td>Computer Systems Analysts</td>
<td>$88,400</td>
</tr>
<tr>
<td>9</td>
<td>Web Developers</td>
<td>$87,142</td>
</tr>
<tr>
<td>10</td>
<td>Civil Engineers</td>
<td>$86,715</td>
</tr>
</tbody>
</table>

---

**Viewing Occupations with the Highest Advertised Annual Wage**

The **Occupations by Projected Growth** table shows occupations with the highest total annual openings (averaged) over the ten-year time period.

- Click an **Occupation** link to open the corresponding occupation profile.
Viewing Occupations with the Highest Projected Growth

The **Area Labor Force, Employment and Unemployment Data** table compares employment data for the selected area with the state as a whole and the United States.

- Click an **Area Name** link to open the corresponding area profile.
When using the comparison feature, the system shows areas as column headings to facilitate display of multiple areas *(shown below)*.

### Area Labor Force, Employment and Unemployment Data

This section shows preliminary estimated labor force, employment and unemployment information in July, 2017 for and and and (no data available for the areas selected). These figures are not seasonally adjusted.

Click a column title to sort.

<table>
<thead>
<tr>
<th>Data</th>
<th>Davidson County</th>
<th>Shelby County</th>
<th>Tennessee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Civilian Labor Force</td>
<td>392,670</td>
<td>447,050</td>
<td>3,210,300</td>
</tr>
<tr>
<td>Number Employed</td>
<td>380,690</td>
<td>425,720</td>
<td>3,077,500</td>
</tr>
<tr>
<td>Number Unemployed</td>
<td>11,980</td>
<td>21,330</td>
<td>132,800</td>
</tr>
<tr>
<td>Unemployment Rate</td>
<td>3.1%</td>
<td>4.8%</td>
<td>4.1%</td>
</tr>
<tr>
<td>Preliminary</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Source: U.S. Census Bureau*

**Comparing Labor Force and Unemployment Data for Multiple Areas**

The *Labor Force, Employment and Unemployment Distribution* table ranks areas by unemployment rate. As with all area distributions, the table includes both Graph and Map options, and is available only during single-area data sessions.

- Click an Area Name link to open the corresponding area profile.
Demographics

The Demographics group displays totals and distributions for population and income.

- When viewing an area profile, click the Demographics link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-area data sessions.

![Customize Report](image)

**Customizing Reports for Single-Area Data Session**

The **Population Totals** table compares estimated population for the selected area with the state as a whole and the United States. Additional areas can be included when using the Area Comparison feature.

![Population Totals](image)

**Comparing Population Totals at the County, State and National Level**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Davidson County</td>
<td>589,787</td>
<td>668,347</td>
<td>13.32%</td>
</tr>
<tr>
<td>Tennessee</td>
<td>5,991,057</td>
<td>6,547,779</td>
<td>9.29%</td>
</tr>
<tr>
<td>United States</td>
<td>295,516,599</td>
<td>318,907,401</td>
<td>7.92%</td>
</tr>
</tbody>
</table>

*Source: US Census Bureau Estimates*
The Population Distribution table ranks areas by estimated population and shows the percent change over the time period. As with all area distributions, the table includes both Graph and Map options, and is available only during single-area data sessions.

### Population Distribution

This section shows the counties with the highest 2014 estimated population in Tennessee.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Shelby County</td>
<td>913,201</td>
<td>938,803</td>
<td>2.80%</td>
</tr>
<tr>
<td>2</td>
<td>Davidson County</td>
<td>589,787</td>
<td>668,347</td>
<td>13.32%</td>
</tr>
<tr>
<td>3</td>
<td>Knox County</td>
<td>404,234</td>
<td>448,644</td>
<td>10.99%</td>
</tr>
<tr>
<td>4</td>
<td>Hamilton County</td>
<td>317,901</td>
<td>351,220</td>
<td>10.48%</td>
</tr>
<tr>
<td>5</td>
<td>Rutherford County</td>
<td>221,318</td>
<td>288,906</td>
<td>30.54%</td>
</tr>
<tr>
<td>6</td>
<td>Williamson County</td>
<td>154,099</td>
<td>205,226</td>
<td>33.18%</td>
</tr>
<tr>
<td>7</td>
<td>Montgomery County</td>
<td>151,122</td>
<td>169,961</td>
<td>25.70%</td>
</tr>
<tr>
<td>8</td>
<td>Sumner County</td>
<td>144,124</td>
<td>172,706</td>
<td>19.83%</td>
</tr>
<tr>
<td>9</td>
<td>Sullivan County</td>
<td>153,463</td>
<td>157,047</td>
<td>2.34%</td>
</tr>
<tr>
<td>10</td>
<td>Blount County</td>
<td>115,336</td>
<td>126,339</td>
<td>9.54%</td>
</tr>
</tbody>
</table>

Source: US Census Bureau Estimates

### Income Totals

The Income Totals table shows several income types and gives the data source for each type.

<table>
<thead>
<tr>
<th>Income Description</th>
<th>Income Source</th>
<th>Year</th>
<th>Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median Family Income Estimates (HUD)</td>
<td>Housing and Urban Development (HUD)</td>
<td>2005</td>
<td>$60,900</td>
</tr>
<tr>
<td>Median Household Income Current Dollars (Census)</td>
<td>Census Bureau</td>
<td>2014</td>
<td>$48,195</td>
</tr>
<tr>
<td>Per Capita Income (BEA)</td>
<td>Bureau of Economic Analysis (BEA)</td>
<td>2014</td>
<td>$54,307</td>
</tr>
<tr>
<td>Total Income (BEA)</td>
<td>Bureau of Economic Analysis (BEA)</td>
<td>2014</td>
<td>$36,295,950,000</td>
</tr>
</tbody>
</table>

Viewing Various Income Totals for the Selected Area
The **Population Distribution** ranks areas by BEA Per Capita income. As with all area distributions, the table includes both **Graph** and **Map** options, and is available only during single-area data sessions.

- Click the **Tool** icon to change the area type or data item displayed.
- Click an **Area Name** link to reset your area profile to the new location.

### Income Distribution

This section shows the counties with the highest 2014 Bureau of Economic Analysis (BEA) - Per Capita Income (BEA) in Tennessee.

Click a column title to sort.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Area Name</th>
<th>Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Williamson County</td>
<td>$71,761</td>
</tr>
<tr>
<td>2</td>
<td>Davidson County</td>
<td>$54,307</td>
</tr>
<tr>
<td>3</td>
<td>Trousdale County</td>
<td>$53,567</td>
</tr>
<tr>
<td>4</td>
<td>Fayette County</td>
<td>$50,890</td>
</tr>
<tr>
<td>5</td>
<td>Shelby County</td>
<td>$44,705</td>
</tr>
<tr>
<td>6</td>
<td>Hamilton County</td>
<td>$44,112</td>
</tr>
<tr>
<td>7</td>
<td>Knox County</td>
<td>$43,012</td>
</tr>
<tr>
<td>8</td>
<td>Wilson County</td>
<td>$41,214</td>
</tr>
<tr>
<td>9</td>
<td>Anderson County</td>
<td>$40,361</td>
</tr>
<tr>
<td>10</td>
<td>Loudon County</td>
<td>$40,084</td>
</tr>
</tbody>
</table>

Source of Economic Analysis (BEA) - Per Capita Income (BEA)

### Industry Profiles

Compiling information from multiple sources, the system provides a complete statistical profile of a selected industry. Data elements include available jobs associated with the industry, employers listed for the industry, employment and wage data, industry and occupational projections, staffing patterns, and the numbers and employers and workers in the industry.

- Select **Labor Market Services > Industry Profile** from the Navigation menu or Directory of Services.

**Select an Industry**

For all Industry Profile data sessions, you must first identify an industry (or multiple industries when using the comparison feature).
Selecting an Industry for a Single-Industry Data Session

The industry you select will display as a link at the top of each Industry Profile page. The current Industry link will allow you to select a new industry for the data session. The current Area link will allow you to select a new area for the data session. The Compare links, when available, will allow you to select multiple industries or areas for comparison (see next section). In addition, you may use the Change Industry link located at the bottom of each page.

Reviewing Profile Selections and Accessing the Change Feature

Industry Summary

For each industry, the Summary group highlights in words and graphics key LMI data that define the industry. The narrative incorporates current data into an all-you-need-to-know overview of the industry. Graphic icons focus on key indicators and link to tables and maps with supporting data. Finally, the system provides context to industries through comparison with related industries in the state.

- When viewing an industry profile, click the Summary link at the top of the page.

As you explore the features and links in the Industry Summary, be sure to use the Return to Industry Summary button located at the bottom of all linked pages – this returns you to the main page. Other features allow you to share or print the data you are viewing.

Narrative Description of Industry

The Summary group begins with a narrative summary of the selected industry derived from the North American Industry Classification System (NAICS).

- Click the More link to see the full narrative, as some can be quite extensive.
Quick Reference Icons

The Summary group also includes icons focused on key industry indicators. With just a glance, users can assess current data for the industry. When comparing industries, the icons allow for quick at-a-glance assessments.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description and Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Number of Jobs Available" /></td>
<td>Number of Jobs Available. Hover to see the number of jobs available. Click to display a list of the jobs for the area.</td>
</tr>
<tr>
<td><img src="image" alt="Number of Establishments" /></td>
<td>Number of Establishments. The total number for the industry. Click to see the table showing number of establishments and employees.</td>
</tr>
<tr>
<td><img src="image" alt="Projected Annual Openings" /></td>
<td>Projected Annual Openings. Hover to see estimated average of openings (or closings) per year.</td>
</tr>
<tr>
<td><img src="image" alt="Average Weekly Wage" /></td>
<td>Average Weekly Wage. Considers all occupations in the industry.</td>
</tr>
</tbody>
</table>

Snapshots

For single-industry data sessions, the Summary group includes several snapshots, each focused on one or two key indicators.

For each industry, the Summary group includes the following snapshots:

- Work Places
- Occupational Employment Distribution
- Advertised Job Skills
- Jobs Available
- Monthly Job Count
- Employers
- Advertised Job Certifications
- Advertised Tools and Technology
- Employers
- Wages

All snapshot headings link to view the complete data category, display options and links. Many tables in the Summary group also include links to open new profiles or to access job lists.

- Click a Job Openings link to view the jobs advertised for that job skill, industry, area, etc.
Click any Snapshot Heading to navigate to the complete data set for that topic, as shown below for Employment. (Use the Return to Industry Summary button to return to the main page.)

Using Snapshots in the Summary Group to Access Complete Data
Jobs

The Jobs group uses current data on advertised jobs in the industry (either daily or monthly counts). The system ranks Job counts by area, job skills, tools and technology, occupation, industry, etc. For each display, users can link directly to a listing of advertised jobs that meet the criteria.

- When viewing an industry profile, click the Jobs link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.

Customizing Reports for a Single (left) or Multiple-Area (right) Data Session

Many data categories in the Jobs group are also found in Area and Occupation profiles. Viewing all industry jobs data on one page allows analysts to make a full assessment of an industry and discover new areas of inquiry.

The Jobs Available table shows the total advertised job openings in the industry for a single day.

The Monthly Job Count table shows the total advertised job openings in the industry for a single month.

The Jobs Area Distribution table ranks areas based on the advertised job openings. The display of jobs data follows similar formats as area distribution displays.

- Click the Tool icon to change the area type used for the distribution.
- Click a Job Openings link to view the jobs advertised for that industry and area.
- Click an Area Name link to reset the area for the current industry profile.
The **Advertised Job Skills** table ranks the prevalence of job skills found in advertised job openings. The **Advertised Tools and Technology** table ranks the prevalence of tools and technology found in advertised job openings.

The **Advertised Job Certifications** table shows all job certifications listed in advertised job openings.

- Click a **Job Openings** link to view the jobs advertised for the corresponding certification.
Employers

The Employers group counts and lists the employers in the selected area that belong to the industry you selected. This information is based on data from Infogroup®.

- When viewing an industry profile, click the Employers link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.

Customizing Reports for a Single or Multiple-Area Data Session

Some data categories in the Employers group are also found in Area and Occupation profiles. Viewing all industry employer data on one page allows analysts to make a full assessment of an industry and discover new areas of inquiry.

The Employers table shows the total advertised job openings for the industry (shown below).

The Employer Distribution ranks areas based on the advertised job openings for the industry.

- Click an Area Name link to reset the area for the current industry profile.
Reviewing Employer Data for a Specific Industry

Wages

The Wages group shows the number of employees in an industry and calculates the average hourly, weekly, and annual wage. The Wages group also includes an area distribution, ranking areas by average weekly wage.

- When viewing an industry profile, click the Wages link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.
Some data categories in the Wages group are also found in Area and Occupation profiles. Viewing all industry wage data on one page allows analysts to make a full assessment of an industry and discover new areas of inquiry.

The Employment Wage Statistics table shows the total average weekly wage information for the industry (shown below).

The Employment Wage Statistics Distribution ranks areas based on the average weekly wage information for the industry.

- Click an Area Name link to reset the area for the current industry profile.

### Employment Wage Statistics

This section shows a list of preliminary average weekly wage information for Motor Vehicle and Parts Dealers in LWDA 5. These figures are for the fourth quarter of 2016 time period.

<table>
<thead>
<tr>
<th>Industry</th>
<th>Average Hourly Wage</th>
<th>Average Weekly Wage</th>
<th>Average Annual Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor Vehicle and Parts Dealers</td>
<td>$35.85</td>
<td>$1,434</td>
<td>$74,568</td>
</tr>
</tbody>
</table>

*Assumes a 40-hour week worked the year round.

### Employment Wage Statistics Distribution

This section shows the distribution of preliminary average weekly wage by local workforce development area for Motor Vehicle and Parts Dealers in Tennessee in the fourth quarter of 2016.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Area</th>
<th>Average Weekly Wage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LWDA13</td>
<td>$1.655</td>
</tr>
<tr>
<td>2</td>
<td>LWDA 5</td>
<td>$1.434</td>
</tr>
<tr>
<td>3</td>
<td>LWDA 8</td>
<td>$1.140</td>
</tr>
<tr>
<td>4</td>
<td>LWDA 3</td>
<td>$1.135</td>
</tr>
<tr>
<td>5</td>
<td>LWDA 4</td>
<td>$1.085</td>
</tr>
<tr>
<td>6</td>
<td>LWDA10</td>
<td>$1.049</td>
</tr>
<tr>
<td>7</td>
<td>LWDA 9</td>
<td>$997</td>
</tr>
<tr>
<td>8</td>
<td>LWDA 2</td>
<td>$980</td>
</tr>
<tr>
<td>9</td>
<td>LWDA12</td>
<td>$966</td>
</tr>
<tr>
<td>10</td>
<td>LWDA 6</td>
<td>$954</td>
</tr>
</tbody>
</table>

Source: TN Dept of Labor & Workforce Dev, Div Emp Sec, LMI

*Preliminary data

### Employment and Projections

The Employment and Projections group shows long term industry projections and area distributions. The Employment and Projections group also shows the area distribution for industry employment, and then shows a breakdown by occupation for the selected area.

- When viewing an industry profile, click the Employment and Projections link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button.

The **Long Term Industry Projections** table shows all data items for estimated and projected employment (ten years out), and calculated changes (*shown below*).

The **Industry Projections Distribution** table ranks areas based on current employment estimates for the ten-year projection period. As with all distributions, the table includes both **Graph** and **Map** options, and requires selecting a single data item to display.

- Click the **Tool** icon to change the data item displayed.
The single data options for area distribution displays will reflect the data displayed in the state-wide table.

Reviewing Industry Projections and Area Distribution over Ten-Year Span

The **Establishments and Employees** table shows totals for establishments and employees for the selected area and industry (shown below).

The **Industry Employment Distribution** table ranks areas by the number of establishments or employees for the selected area and industry. As with all distributions, the table includes both Graph and Map options, and requires selecting a single data item to display.

- Click the **Tool** icon to change the data item displayed.
- Click an **Area Name** link to reset the area for the current industry profile.
Reviewing Current Totals and Area Distribution for Establishments and Employees

The single data options for area distribution displays will reflect the data displayed in the state-wide table.
The **Occupational Employment Distribution** table ranks occupations in the industry based on *Estimated Employment or Total Percent Change.* As with all distributions, the table includes both **Graph** and **Map** options, and is available only during single-area data sessions.

💡 Use the **Tool** icon to change the data item used for the display.

### Occupation Profiles

Compiling information from multiple sources, the system provides a complete statistical profile of a selected occupation. Data elements include occupational duties, wages, projections, short-term growth forecasts, industries of employment (i.e., types of employers, industry groups), skills and tasks, training programs, licensing agencies, and actual job listings related to the occupation (for a selected area).

- Select **Labor Market Services › Occupation Profile** from the Navigation menu or Directory of Services.
Select an Occupation

For all Occupation Profile data sessions, you must first identify an occupation (or multiple occupations when using the comparison feature).

Selecting an Occupation for a Single-Occupation Data Session

The occupation you select will display at the top of each Occupation Profile page. The current Occupation link will allow you to select a new occupation for the data session. The current Area link will allow you to select a new area for the data session. The Compare links, when available, will allow you select multiple occupations or areas for comparison (see next section). In addition, you may use the Change Occupation link located at the bottom of each page.

Reviewing Profile Selections and Accessing the Change Feature

Occupation Summary

For each occupation, the Summary group highlights in words and graphics key LMI data that define the occupation. The narrative incorporates current data into an all-you-need-to-know overview of the occupation. Graphic icons focus on key indicators and link to tables and maps with supporting data. Finally, the system provides context to occupations through comparison with related occupations or all occupations in the state.

- When viewing an occupation profile, click the Summary link at the top of the page.
As you explore the features and links in the Occupation Summary, be sure to use the Return to Occupation Summary button located at the bottom of all linked pages – this returns you to the main page. Other features allow you to share or print the data you are viewing.

**Narrative Description of Occupation**

The **Summary** group begins with a narrative summary of the selected occupation derived from O*NET data.

- Click the More link to see the full narrative, as some can be quite extensive.

**Civil Engineering Technicians** - Apply theory and principles of civil engineering in planning, designing, and overseeing construction and maintenance of structures and facilities under the direction of engineering staff or physical scientists.

**Quick Reference Icons**

The **Summary** group also includes icons focused on key occupation indicators. With just a glance, users can assess current data for the occupation. When comparing occupations, the icons allow for quick at-a-glance assessments.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description and Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Projected Annual Openings.</strong> Hover to see number of projected openings per year. Click to see comparison with all occupations.</td>
</tr>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Jobs Available.</strong> Hover to see number currently available. Click to see comparison with other occupations.</td>
</tr>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Candidates Available.</strong> Hover to see number of candidates available. Click to see comparison with other occupations.</td>
</tr>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Jobs and Candidates Available.</strong> Hover to see number of candidates available per job opening. Click to see comparison with other occupations.</td>
</tr>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Required Level of Education.</strong> Displays the most common education level requested by employers. Hover to see a description of the requirement. Click to see the breakdown of employer requests.</td>
</tr>
<tr>
<td><img src="image" alt="N/A" /></td>
<td><strong>Related Work Experience.</strong> Displays the most common work experience requested by employers. Hover to see a description of the requirement. Click to see the breakdown of employer requests.</td>
</tr>
</tbody>
</table>
Snapshots

For single-occupation data sessions, the Summary includes several snapshots, each focused on one or two key indicators.

For each occupation, the Summary group includes the following snapshots:

- Supply and Demand
- Top Employers Posting Jobs
- Advertised Job Skills
- Advertised Job Certifications
- Advertised Tools and Technology
- Advertised Job Openings (Area Distribution)
- Potential Candidates (Area Distribution)
- Projected Annual Openings
- Typical Wages
- Real-Time Wages
- Industries by Employment

All snapshot headings link to view the complete data category, display options and links. Many tables in the Summary group also include links to open new profiles or to access job lists.

- Click a Job Openings link to view the jobs advertised for that job skill, industry, area, etc.
- Click any Snapshot Heading to navigate to the complete data set for that topic, such as Supply and Demand or Top Employers Posting Jobs shown below. (Use the Return to Occupation Summary button to return to the main page.)
Description

The **Description** group provides complete details of typical job duties and responsibilities associated with the occupation. The in-depth **Detailed Job Description** comes from the U.S. Department of Labor Bureau of Labor Statistics, compared with the shorter **Summary of Job Duties**, which derives from O*NET data (and also displays in the **Summary** group).

- When viewing an occupation profile, click the **Description** link at the top of the page.
Reviewing Summary and Detailed Descriptions of Occupation

**Jobs**

The Jobs group uses current data on advertised jobs for the occupation (either daily or monthly counts). The system ranks job counts by area, job skills, tools and technology, occupation, industry, etc. For each display, users can link directly to a listing of advertised jobs that meet the criteria.

- When viewing an occupation profile, click the Jobs link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button.

The **Jobs** table shows the total advertised job openings for the occupation for a single day.

The **Monthly Job Count** table shows the total advertised job openings for the occupation for a single month.

- Click a **Job Openings** link to view the jobs advertised for that occupation and area.

The **Jobs Area Distribution** table ranks areas based on the advertised job openings. The display of jobs data follows similar formats as area distribution displays.

- Click the **Tool** icon to change the area type used for the distribution.
- Click a **Job Openings** link to view the jobs advertised for that occupation and area.
Click an Area Name link to reset the area for the current occupation profile.

### Jobs Area Distribution

The **Advertised Job Skills** table ranks the prevalence of job skills found in advertised job openings.

The **Advertised Tools and Technology** table ranks the prevalence of tools and technology found in advertised job openings.

The **Advertised Job Certifications** table shows all job certifications listed in advertised job openings.

### Candidates

The **Candidates** group uses current data on candidates found in the workforce system whose posted résumés are associated with the selected occupation in the selected area.

- When viewing an occupation profile, click the **Candidates** link at the top of the page.

To review the data categories that display on the page, click the **Customize Report** button.

### Customizing Reports for a Single (left) or Multiple (right)-Area Data Session
Occupation data in the **Candidates** group include many categories also found in Area and Industry profiles. Viewing all candidate data on one page allows analysts to make a full assessment of an occupation and discover new areas of inquiry.

**Candidates Available** table shows the total potential candidates in the workforce system for the occupation, and a separate total for the related occupational group.

**Candidates Area Distribution** table ranks areas based on the candidates. The display of jobs data follows similar formats as area distribution displays.

- Click the **Tool** icon to change the area type used for the distribution.
- Click an **Area Name** link to reset the area for the current occupation profile.

---

**Candidates in Related Occupations** table ranks related occupations by the number of candidates in the workforce system. The table includes the median wage for each occupation. To sort by the median wage, click the column heading.

- Click an **Occupation** link to open the corresponding occupation profile.
Using an Occupation Link to Begin a New Profile Session

Supply and Demand

The Supply and Demand group displays specific data about the labor supply and market demand in the selected area from U.S. Department of Labor Bureau of Labor Statistics.

- When viewing an occupation profile, click the Supply and Demand link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.

Single or Multiple-Occupation Session

Occupation data in the Supply and Demand group include many categories also found in Area and Industry profiles. Viewing all data on one page allows analysts to make a full assessment of an occupation and discover new areas of inquiry.

The Jobs and Candidates Available table shows job openings advertised online together with candidates available in the area, and then gives the ratio of candidates per job.
Click a Job Openings link to view the jobs advertised for that occupation and area.

**Jobs and Candidates Available**

This section shows the number of job openings advertised online, as well as potential candidates in the workforce system in Tennessee for Dental Assistants and for the related occupational group of Healthcare Support Occupations on December 20, 2017 (Jobs De-duplication Level 2).

<table>
<thead>
<tr>
<th>Occupation</th>
<th>Job Openings</th>
<th>Candidates</th>
<th>Candidates per Job</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Assistants</td>
<td>66</td>
<td>111</td>
<td>1.68</td>
</tr>
<tr>
<td>Healthcare Support Occupations</td>
<td>1,486</td>
<td>1,996</td>
<td>1.34</td>
</tr>
</tbody>
</table>

**Viewing Supply and Demand Data for a Single Occupation (Occupational Group Also Shows)**

When comparing multiple occupations, the table aligns all selected occupations (up to 6) for easy comparison.

Click a Job Openings link to view the jobs advertised for that occupation and area.

**Jobs and Candidates Available**

This section shows the number of job openings advertised online, as well as potential candidates in the workforce system in Tennessee for the occupations selected on December 20, 2017 (Jobs De-duplication Level 2).

<table>
<thead>
<tr>
<th>Data</th>
<th>Dental Assistants</th>
<th>Massage Therapists</th>
<th>Medical Assistants</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Openings</td>
<td>66</td>
<td>36</td>
<td>256</td>
</tr>
<tr>
<td>Candidates</td>
<td>111</td>
<td>6</td>
<td>594</td>
</tr>
<tr>
<td>Candidates per Job</td>
<td>1.68</td>
<td>0.17</td>
<td>2.32</td>
</tr>
</tbody>
</table>

**Comparing Ratio of Candidates per Job of Three Occupations**
The Jobs and Candidates Area Distribution table ranks areas based on the ratio of candidates per job. When comparing multiple occupations and viewing a Jobs and Candidates Distribution, some occupations show extensive data while others have too little data to show (N/A).

Employers

The Employers group counts and lists the employers with jobs advertised in the selected area that belong to the occupation you selected.

- When viewing an occupation profile, click the Employers link at the top of the page.

To review the data categories that display on the page, click the Customize Report button. The data categories in this group are available only during single-occupation data sessions.
Occupation data in the **Employers** group include a data category also found in Area profiles. Limiting data to a single occupation allows analysts to make a full assessment of an occupation and discover new areas of inquiry.

**Employers by Number of Job Openings.** Displays the total advertised job openings for the occupation.

- Click a **Job Openings** link to view the jobs advertised for that employer.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Employer Name</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>StoneMor Partners, L.P.</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data

**Skills**

The **Skills** group displays data for advertised job skills, tools and technology, as well as typical job skills and personal skills required (ranked out of 100) for the selected occupation.

- When viewing an occupation profile, click the **Skills** link at the top of the page.

To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-occupation data sessions.

The **Advertised Job Skills** table shows the top advertised job skills found in job openings for the occupation.

- Click a **Job Openings** link to view the jobs that include the advertised job skill.
The Advertised Job Skills table shows the top advertised job skills found in job openings for Funeral Attendants in Tennessee in January, 2016. (Jobs De-duplication Level 1)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Advertised Detailed Job Skill</th>
<th>Advertised Skill Group</th>
<th>Job Opening Match Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Be a team player</td>
<td>Interpersonal skills</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Positive attitude</td>
<td>Interpersonal skills</td>
<td>2</td>
</tr>
</tbody>
</table>

Source: Online advertised job data

Reviewing Advertised Job Skills for an Occupation

The Advertised Tools and Technology table shows the top advertised tools and technologies found in job openings for the occupation.

- Click a Job Openings link to view the jobs that include the advertised tool or technology.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Advertised Detailed Tool or Technology</th>
<th>Advertised Tool and Technology Group</th>
<th>Job Opening Match Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Hearse</td>
<td>Limousines</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Limousine</td>
<td>Limousines</td>
<td>2</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data

Reviewing Advertised Tools and Technology for an Occupation
The **Typical Job Skills** table ranks the job skills associated with the occupation.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Typical Job Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Apply makeup to alter or enhance appearance</td>
</tr>
<tr>
<td>2</td>
<td>Embalm corpses</td>
</tr>
<tr>
<td>3</td>
<td>Greet customers, patrons, or visitors</td>
</tr>
<tr>
<td>4</td>
<td>Maintain financial or account records</td>
</tr>
<tr>
<td>5</td>
<td>Provide escort or transportation</td>
</tr>
<tr>
<td>6</td>
<td>Provide patrons with directions to locales or attractions</td>
</tr>
<tr>
<td>7</td>
<td>Handle caskets</td>
</tr>
<tr>
<td>8</td>
<td>Provide counsel, comfort, or encouragement to individuals or families</td>
</tr>
<tr>
<td>9</td>
<td>Assist patrons with entering or exiting vehicles or other forms of transportation</td>
</tr>
<tr>
<td>10</td>
<td>Prepare administrative documents</td>
</tr>
</tbody>
</table>

**Reviewing Work Abilities and Drilling Down to See How Important for Occupation**

The **Personal Skills** table ranks the personal skills that are most useful for the occupation.

- Click a **Personal Skill** link to drill down for the importance and level typically necessary for the selected occupation.
Reviewing Work Styles and Drilling Down to See Importance for Occupation

**Education and Work Experience**

The Education and Work Experience option displays data such as typical education requirements; national education, training and experience; education on jobs; education level of candidates; national education, training, licensing and qualifications, local training programs, advertised job certification, and training program completers.

- When viewing an occupation profile, click the **Education and Work Experience** link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-occupation data sessions.

### Customizing Reports for a Single-Occupation Data Session

The **Typical Education Requirements** panel provides a narrative overview of the requirements.

**Typical Education Requirements**

Cooks, Restaurant usually require at least Less than high school. However, not all employers may make this a hiring requirement.

Source: This information is based on the BLS Occupational Outlook Handbook (OOH).

**Reviewing Typical Education Requirements for the Occupation**

The **Required Level of Education** table shows the results of a national survey listing the most common education requirements for the occupation.
The **On the Job Training** table shows the results of a national survey listing the most common lengths of on-the-job training for the occupation.

<table>
<thead>
<tr>
<th>Rank</th>
<th>On The Job Training</th>
<th>Percentage of Respondents</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Anything beyond short demonstration, up to and including 1 month</td>
<td>40.99%</td>
</tr>
<tr>
<td>2</td>
<td>Over 3 months, up to and including 6 months</td>
<td>32.37%</td>
</tr>
<tr>
<td>3</td>
<td>Over 1 month, up to and including 3 months</td>
<td>15.31%</td>
</tr>
<tr>
<td>4</td>
<td>None or short demonstration</td>
<td>7.77%</td>
</tr>
<tr>
<td>5</td>
<td>Over 6 months, up to and including 1 year</td>
<td>1.78%</td>
</tr>
<tr>
<td>6</td>
<td>Over 2 years, up to and including 4 years</td>
<td>1.78%</td>
</tr>
</tbody>
</table>

*Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.*

### Reviewing Survey Results Showing On-the-Job Training Expectations

The **On-Site or In-Plant Training** table shows the results of a national survey listing the most common lengths of on-site or in-plant training for the occupation.

The **Education Level of Jobs and Candidates** table shows minimum education level requested by employers and indicates the percentage of job openings that specified the requirement.

- Click a **Job Openings** link to view the jobs that specify the corresponding education level.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Education Level</th>
<th>Job Openings</th>
<th>Percentage of Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than High School</td>
<td>2</td>
<td>0.71%</td>
</tr>
<tr>
<td>2</td>
<td>No Minimum Education Requirement</td>
<td>23</td>
<td>8.19%</td>
</tr>
<tr>
<td>3</td>
<td>High School Diploma or Equivalent</td>
<td>29</td>
<td>10.32%</td>
</tr>
<tr>
<td>4</td>
<td>1 Year of College or a Technical or Vocational School</td>
<td>1</td>
<td>0.36%</td>
</tr>
<tr>
<td>5</td>
<td>2 Years of College or a Technical or Vocational School</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>6</td>
<td>3 Years of College or a Technical or Vocational School</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>7</td>
<td>Vocational School Certificate</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>8</td>
<td>Associate’s Degree</td>
<td>2</td>
<td>0.71%</td>
</tr>
<tr>
<td>9</td>
<td>Bachelor’s Degree</td>
<td>0</td>
<td>N/A</td>
</tr>
<tr>
<td>10</td>
<td>Not Specified</td>
<td>224</td>
<td>79.72%</td>
</tr>
</tbody>
</table>

*Job Source: Online advertised jobs data  
Candidate Source: Individuals with active resumes in the workforce system.*

### Comparing Education Levels of Advertised Jobs and Candidates for the Occupation

The **Education Training Programs** table lists the training programs in the area associated with the occupation.

- Click a **Provider Name** link to view provider details including a list of all their programs.
Click a Program Name link to view complete details of the program.

**Education Training Programs**

This section shows the Education Training Programs for Cooks, Restaurant in Tennessee.

<table>
<thead>
<tr>
<th>Provider Name</th>
<th>Program Name</th>
<th>Location</th>
<th>Tuition</th>
<th>Length</th>
<th>WIOA Eligible</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tennessee Provider Services</td>
<td>Chef School</td>
<td>Nashville, TN</td>
<td>$1,000</td>
<td>1 Semesters</td>
<td>✓</td>
</tr>
</tbody>
</table>

Source: Integrated Postsecondary Education Data System

---

Reviewing Training Providers and Programs Related to the Occupation

The **Advertised Job Certifications** table shows the top certification groups found in advertised job openings.

- Click a Job Openings link to view the jobs that specify the corresponding certification.

**Advertised Job Certifications**

This section shows the top advertised certification groups found in job openings advertised online for Cooks, Restaurant in Tennessee in January, 2016. (Jobs De-duplication Level 1)

<table>
<thead>
<tr>
<th>Rank</th>
<th>Advertised Certification Group</th>
<th>Advertised Certification Sub-Category</th>
<th>Job Opening Match Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ServSafe Food Handler Certification</td>
<td>Food Preparation and Cooking</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>Advanced Cardiac Life Support Certification (ACLS)</td>
<td>Nursing</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>Certification in Cardiopulmonary Resuscitation (CPR)</td>
<td>Nursing</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>First Aid Certification</td>
<td>Medical Treatment and Therapy</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>Pediatric Advanced Life Support (PALS)</td>
<td>Medical Treatment and Therapy</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>Basic Life Support (BLS) Certification</td>
<td>Medical Treatment and Therapy</td>
<td>1</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data

---

Reviewing Advertised Certifications for the Occupation

The **Training Program Completers** table shows the number of individuals who have completed training programs related to the occupation.

- Click a Training Program link to view complete details of the program.
### Training Program Completers

This section shows training program completers in 2015 for Cooks, Restaurant in Tennessee.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Training Program / Completer Type</th>
<th>Completers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td><em>Cooking and Related Culinary Arts, General</em></td>
<td>80</td>
</tr>
<tr>
<td>2</td>
<td><em>Culinary Arts/Chef Training</em></td>
<td>58</td>
</tr>
<tr>
<td></td>
<td>Associate’s Degree</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td><em>Culinary Arts/Chef Training</em></td>
<td>56</td>
</tr>
<tr>
<td>4</td>
<td><em>Culinary Arts/Chef Training</em></td>
<td>29</td>
</tr>
<tr>
<td></td>
<td>Postsec. Awards/Cert/Diploma: &lt;1 yr.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td><em>Cooking and Related Culinary Arts, General</em></td>
<td>14</td>
</tr>
<tr>
<td></td>
<td>Postsec. Awards/Cert/Diploma: &lt;1 yr.</td>
<td></td>
</tr>
</tbody>
</table>

Source: Integrated Postsecondary Education Data System

---

### Reviewing Advertised Certifications for the Occupation

The **National Education, Training, Licensing and Qualifications** panel provides a narrative overview from the Bureau of Labor Statistics Occupational Outlook Handbook. This panel describes the education, training, work experience, advancement, and important worker qualities associated with the occupation.

The **Typical Work Experience Requirements** panel provides a narrative overview of the requirements.

---

### Typical Work Experience Requirements

Employees in these occupations need anywhere from a few months to one year of working with experienced employees. A recognized apprenticeship program may be associated with these occupations.

Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

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### Reviewing Typical Work Experience Requirements for the Occupation

The **Related Work Experience Requirements** table shows the results of a national survey listing the minimum work experience expectations for the occupation.

The **Work Experience of Jobs and Candidates** table shows minimum work experience requested by employers and indicates the percentage of job openings that specified the requirement.

- Click a **Job Openings** link to view the jobs that specify the corresponding work experience level.
Comparing Work Experience Levels of Advertised Jobs and Candidates for the Occupation

Employment and Wages

The Employment and Wages option displays occupation wage data such as employment wage statistics, wage rates on jobs, desired salary of candidates, wage distribution, wages in related occupations, wages by industry, and national earnings summary. This option also displays employment data such as industries by employment, occupational employment and future outlook, employment distribution, and employment in related occupations. Projected data displayed includes long-term projected annual openings, and annual openings in the selected area and in related occupations.

- When viewing an occupation profile, click the Employment and Wages link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-occupation data sessions.

The **Employment Wage Statistics** table shows the estimated annual and hourly wage for entry level, median and experienced workers in the occupation.

### Employment Wage Statistics

This section shows the estimated employment wage statistics for individuals in Tennessee employed for Funeral Attendants in 2016.

<table>
<thead>
<tr>
<th>Rate Type / Statistical Type</th>
<th>Entry level</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual wage or salary</td>
<td>$17,910</td>
<td>$24,560</td>
<td>$29,930</td>
</tr>
<tr>
<td>Hourly wage</td>
<td>$8.61</td>
<td>$11.81</td>
<td>$14.39</td>
</tr>
</tbody>
</table>

Source: TN Dept of Labor & Workforce Dev, Div Emp Sec, LMI

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Entry level and Experienced wage rates represent the means of the lower 1/3 and upper 2/3 of the wage distribution, respectively. Data is from an annual survey.

*Reviewing Employment Wage Statistics as an Occupation Profile*
The **Wage Rates on Advertised Jobs** table breaks down the available wage data on jobs advertised online for the occupation.

- Click the **Job Openings** link in the heading to view the jobs associated with the occupation.

**Wage Rates on Advertised Jobs**

This section shows a statistical breakdown of available wage data on the 15 job openings advertised online for Hotel, Motel, and Resort Desk Clerks in Tennessee that posted a salary on December 28, 2017.

<table>
<thead>
<tr>
<th>Rate Type / Statistical Type</th>
<th>Entry Level</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual wage or salary</td>
<td>N/A</td>
<td>$19,240</td>
<td>N/A</td>
</tr>
<tr>
<td>Hourly Wage</td>
<td>N/A</td>
<td>$9.25</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Source: Online advertised jobs data

Note: This information is based on actual job orders and is not based on a statistically valid labor market survey. Hourly wage rate calculations in this section assume a 40 hour work week.

**Viewing Employment Wage Statistics as an Occupation Profile**

The **Desired Salary of Available Candidates** table shows the desired salary of potential candidates for the occupation in the workforce system.

**Desired Salary of Available Candidates**

This section shows the desired salary of potential candidates in the workforce system that are looking for jobs as Hotel, Motel, and Resort Desk Clerks in Tennessee on December 28, 2017.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Desired Salary</th>
<th>Potential Candidates</th>
<th>Percentage of Potential Candidates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Not Specified</td>
<td>19</td>
<td>14.73%</td>
</tr>
<tr>
<td>2</td>
<td>$5,000 - $19,999</td>
<td>14</td>
<td>10.85%</td>
</tr>
<tr>
<td>3</td>
<td>$20,000 - $34,999</td>
<td>90</td>
<td>69.77%</td>
</tr>
<tr>
<td>4</td>
<td>$35,000 - $49,999</td>
<td>5</td>
<td>3.88%</td>
</tr>
<tr>
<td>5</td>
<td>$50,000 - $64,999</td>
<td>1</td>
<td>0.78%</td>
</tr>
</tbody>
</table>

Source: Individuals with active résumés in the workforce system.

**Reviewing Salary Expectations of Potential Candidates for the Occupation**
The **Wage Rates Area Distribution** table shows the estimated annual and hourly wage for entry level, median and experienced workers in the occupation.

### Employment Wage Statistics

This section shows the estimated employment wage statistics for individuals in Tennessee employed for Funeral Attendants in 2016.

<table>
<thead>
<tr>
<th>Rate Type / Statistical Type</th>
<th>Entry level</th>
<th>Median</th>
<th>Experienced</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual wage or salary</td>
<td>$17,910</td>
<td>$24,560</td>
<td>$29,930</td>
</tr>
<tr>
<td>Hourly wage</td>
<td>$8.61</td>
<td>$11.81</td>
<td>$14.39</td>
</tr>
</tbody>
</table>

Source: TN Dept of Labor & Workforce Dev, Div Emp Sec, LMI

The median wage is the estimated 50th percentile; 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Entry level and Experienced wage rates represent the means of the lower 1/3 and upper 2/3 of the wage distribution, respectively. Data is from an annual survey.

### Wage Rates in Related Occupations

This section shows a comparison of 2016 median annual rates for occupations that are in the same occupational family as Funeral Attendants for Tennessee.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Occupation</th>
<th>Median</th>
<th>*Related By</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Embalmers</td>
<td>$34,800</td>
<td>SOC4</td>
</tr>
<tr>
<td>2</td>
<td>Bailiffs</td>
<td>$32,730</td>
<td>O*NET</td>
</tr>
<tr>
<td>3</td>
<td>Shampooers</td>
<td>$31,850</td>
<td>O*NET</td>
</tr>
<tr>
<td>4</td>
<td>Couriers and Messengers</td>
<td>$30,170</td>
<td>O*NET</td>
</tr>
<tr>
<td>5</td>
<td>Costume Attendants</td>
<td>$28,640</td>
<td>O*NET</td>
</tr>
<tr>
<td>6</td>
<td>Crossing Guards</td>
<td>$28,110</td>
<td>O*NET</td>
</tr>
<tr>
<td>7</td>
<td>Library Assistants, Clerical</td>
<td>$25,730</td>
<td>O*NET</td>
</tr>
<tr>
<td>8</td>
<td>Funeral Attendants</td>
<td>$24,560</td>
<td>N/A</td>
</tr>
<tr>
<td>9</td>
<td>Stock Clerks, Sales Floor</td>
<td>$23,380</td>
<td>O*NET</td>
</tr>
<tr>
<td>10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reviewing Wage Rates in Related Occupations
The Employment Wage Statistics table shows the estimated annual and hourly wage for entry level, median and experienced workers in the occupation.

### Employment Wage Statistics

This section shows the estimated employment wage statistics for individuals in Tennessee employed for Funeral Attendants in 2016.

**Click a column title to sort.**

<table>
<thead>
<tr>
<th>Rate Type / Statistical Type</th>
<th>Entry level</th>
<th>Median</th>
<th>Experienced</th>
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</table>

Source: TN Dept of Labor & Workforce Dev, Div Emp Sec, LMI

The median wage is the estimated 50th percentile: 50 percent of workers in an occupation earn less than the median wage, and 50 percent earn more than the median wage. Entry level and Experienced wage rates represent the means of the lower 1/3 and upper 2/3 of the wage distribution, respectively. Data is from an annual survey.

**Viewing Employment Wage Statistics as an Occupation Profile**

The National Earnings Data Summary panel provides a narrative overview from the Bureau of Labor Statistics Occupational Outlook Handbook. The panel shows a complete earnings summary for the occupation at the national level.

### National Earnings Data Summary

Registered Nurses
Median annual wages, May 2015
Health diagnosing and treating practitioners
$76,760
Registered nurses
$67,490
Total, all occupations
$36,200

Note: All Occupations includes all occupations in the U.S. Economy.

The median annual wage for registered nurses was $67,490 in May 2015. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than $46,360, and the highest 10 percent earned more than $101,620.

**Reviewing National Earnings Summary for an Occupation Profile**

The Industries by Employment table lists the industries that employed the highest number of workers in the occupation in the area.

- Click an Industry Title link to open the corresponding industry profile.
Reviewing Industries Employing Workers in the Occupation

The **Occupational Employment & Future Employment Outlook** table shows the long term employment projections for the occupation.

Reviewing Long-Term Employment Projections for the Occupation

The **Employment Data Area Distribution** table shows the area distribution of the estimated employment for the occupation.

- Click the **Tool** icon to change the area type or data item displayed.
- Click an **Area** link to change the area selection for the occupation profile.
The Employment Data in Related Occupations table shows the 2014 Estimated Employment in the area for related occupations.

- Click an Occupation link to open the corresponding occupation profile.

Reviewing Employment Estimates for Related Occupations
The **Projected Annual Openings** table shows the long term projected annual openings for the occupation.

![Projected Annual Openings](attachment:Projected%20Annual%20Openings.png)

**Reviewing Projected Annual Openings for the Occupation**

The **Projected Annual Openings Area Distribution** table shows the area distribution of the total annual average openings for the occupation over a ten year period.

The **Projected Annual Openings in Related Occupations** shows the projected total annual average openings in the area for related occupations over a ten year period.

**Nature of the Work**

The **Nature of the Work** group describes the occupation giving a detailed assessment of the typical activities, tasks, working conditions, work values and needs, and tools and technologies.

- When viewing an occupation profile, click the **Nature of the Work** link at the top of the page.

To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-occupation data sessions.
Occupation data in the **Nature of the Work** group is only found in Occupation profiles. The relevance rankings for activities, tasks, etc., allow analysts to make a full assessment of an occupation and discover new areas of inquiry.

The **Work Activities** table ranks the most common activities associated with the occupation in order of importance.

- Click a **Work Activity** link to drill down for the importance and level typically necessary for the selected occupation.
Reviewing Work Activities for the Occupation and Drilling Down to See Details

The **Tasks** table ranks the most common tasks associated with the occupation in order of importance.

- Click a **Task** link to drill down for the frequency, importance, and relevance of the task for the selected occupation.
The National Working Conditions panel provides a narrative overview from the Bureau of Labor Statistics Occupational Outlook Handbook. The panel includes sections on general working conditions, injuries and illnesses, and work schedules associated with the occupation.

The Typical Work Conditions table lists in order of importance the most common working conditions associated with the occupation. The information is based on O*NET data.

The Work Values and Needs table lists in order of extent the most common work values associated with the occupation. Each value is described in detail. The information is based on O*NET data.

The Typical Tools table lists the tools and tool groups most commonly associated with the occupation. The information is based on O*NET data.

The Typical Technology table lists the technology and technology groups most commonly associated with the occupation. The information is based on O*NET data.

### Job Requirements

The Job Requirements group displays license information, typical knowledge, typical work abilities required, and typical work interests and work styles.

- When viewing an occupation profile, click the Job Requirements link at the top of the page.
To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-occupation data sessions.

![Customize Report](image)

**Licensing Information**
- Licensing Information

**Knowledge Required**
- Typical Knowledge Categories

**Abilities Required**
- Typical Work Abilities Required

**Work Interests**
- Typical Work Interests

**Work Styles**
- Typical Work Styles

**Single or Multiple-Occupation Session**

The **Licensing Information** table lists the licensed occupations associated with the occupation, if any.

- Click a **Licensed Occupation** link to drill down for a complete description of the licensure, including the licensing authority and the number of licenses issued.
Reviewing Details of Licensure for a Specific Occupation

The Typical Knowledge Categories table ranks the most common knowledge categories in order of importance. The information is based on O*NET data.

- Click a Knowledge Category link to drill down for the importance and level typically necessary for the selected occupation.
The **Typical Work Abilities Required** table ranks the most common work abilities in order of importance. The information is based on O*NET data.

- Click a Work Ability link to drill down for the importance and level typically necessary for the selected occupation.
### Typical Work Abilities Required

This section shows the results of a national survey listing the most common work abilities required by Funeral Attendants in order of importance. Click on a link in the Work Ability column to view more detailed information.

<table>
<thead>
<tr>
<th>Work Ability</th>
<th>Work Ability Description</th>
<th>Rank by Importance (Out of 100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Comprehension</td>
<td>The ability to listen to and understand information and ideas presented through spoken words and sentences.</td>
<td>60</td>
</tr>
<tr>
<td>Oral Expression</td>
<td>The ability to communicate information and ideas in speaking so others will understand.</td>
<td>60</td>
</tr>
<tr>
<td>Speech Recognition</td>
<td>The ability to use your abdominal and lower back muscles to support part of the body repeatedly or continuously over time without &quot;giving out&quot; or fatiguing.</td>
<td>40%</td>
</tr>
<tr>
<td>Speech Clarity</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Importance of Trunk Strength work ability for Funeral Attendants**

- Not Important
- Somewhat Important
- Important
- Very Important
- Extremely Important

**Level of Trunk Strength typically necessary for Funeral Attendants**

- Sit up in an office chair
- Shovel snow for half an hour
- Do 100 sit-ups

This information is based on O*NET data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

*Reviewing Work Abilities and Drilling Down to See How Important for Occupation*
The **Typical Work Interests** table ranks the most common work interests in order of importance. The information is based on O*NET data.

### Typical Work Interests

This section shows the results of a national survey listing the most common work interests for Funeral Attendants in order of importance.

<table>
<thead>
<tr>
<th>Work Interest</th>
<th>Work Interest Description</th>
<th>Rank by Importance (Out of 100)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social</td>
<td>Social occupations frequently involve working with, communicating with, and teaching people. These occupations often involve helping or providing service to others.</td>
<td>89</td>
</tr>
<tr>
<td>Realistic</td>
<td>Realistic occupations frequently involve work activities that include practical, hands-on problems and solutions. They often deal with plants, animals, and real-world materials like wood, tools, and machinery. Many of the occupations require working outside, and do not involve a lot of paperwork or working closely with others.</td>
<td>56</td>
</tr>
<tr>
<td>Enterprising</td>
<td>Enterprising occupations frequently involve starting up and carrying out projects. These occupations can involve leading people and making many decisions. Sometimes they require risk taking and often deal with business.</td>
<td>56</td>
</tr>
<tr>
<td>Conventional</td>
<td>Conventional occupations frequently involve following set procedures and routines. These occupations can include working with data and details more than with ideas. Usually there is a clear line of authority to follow.</td>
<td>28</td>
</tr>
</tbody>
</table>

Source: This information is based on O*NET™ data. O*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

*Reviewing Work Interests Typically Associated with an Occupation*

The **Typical Work Styles** table ranks the most common work styles in order of importance. The information is based on O*NET data.

- Click a **Work Style** link to drill down for the importance for the selected occupation.
Reviewing Work Styles and Drilling Down to See Importance for Occupation

Other Information

The Other Information option displays related occupations, occupational videos, and the career ladder.

- When viewing an occupation profile, click the Other Information link at the top of the page.

To review the data categories that display on the page, click the Customize Report button. The data categories in this group are available only during single-occupation data sessions.
Related Occupations

The Related Occupations table shows similar occupations based on knowledge areas, skills, abilities, work environment, and work activities. Using the table, users can discover how the skills they already possess can be used in a different field.

- Click a Related Occupation link to open the corresponding occupation profile.

<table>
<thead>
<tr>
<th>Related Occupations</th>
<th>Duties</th>
<th>Related By</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Care Nurses</td>
<td>Provide advanced nursing care for patients with acute conditions such as heart attacks, respiratory distress syndrome, or shock. May care for pre- and post-operative patients or perform advanced, invasive diagnostic or therapeutic procedures.</td>
<td>O*NET</td>
</tr>
<tr>
<td>Athletic Trainers</td>
<td>Evaluate and advise individuals to assist recovery from or avoid athletic-related injuries or illnesses, or maintain peak physical fitness. May provide first aid or emergency care.</td>
<td>O*NET</td>
</tr>
<tr>
<td>Cardiovascular Technologists and Technicians</td>
<td>Conduct tests on pulmonary or cardiovascular systems of patients for diagnostic purposes. May conduct or assist in electrocardiograms, cardiac catheterizations, pulmonary functions, lung capacity, and similar tests. Includes vascular technologists.</td>
<td>O*NET</td>
</tr>
</tbody>
</table>
Occupational Videos

The Occupational Videos table provides the opportunity to see an example of your chosen occupation in action. If there is no video for this occupation, you will receive a message box stating a video is not available.

Viewing an On-Screen Video Included in the Occupation Profile

Follow the instructions displayed for playing the video. With installed video player, you can choose video speed and play the video. Otherwise, use the instructions provided on the screen to install Windows Media Player, choose the video type and speed, and click the Play Video button.

💡 In Step 1, if you click the Windows Media Player button and the application has already been installed, the system will install the player again.

💡 In Step 2, if you do not know the speed of your Internet connection, ask a staff member for assistance.

💡 In Step 3, the video will play in a separate window. When finished, you may close the window by clicking the Close button in the top right corner of the window.
If there is no video for this occupation, you will receive a message stating a video is not available, along with a link to Display All Occupational Videos. Browse the video titles using the Letter links to jump through the alphabetical listing.

### Available Occupational Videos

You may filter the available occupational video list by the first letter by clicking on a letter:

<table>
<thead>
<tr>
<th>Occupation Title</th>
<th>Occupation Description</th>
<th>Spanish Video</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accountants and Auditors</td>
<td>Examine, analyze, and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data.</td>
<td>Yes</td>
</tr>
<tr>
<td>Actors</td>
<td>Play parts in stage, television, radio, video, motion picture productions, or other settings for entertainment, information, or instruction. Interpret serious or comic role by speech, gesture, and body movement to entertain or inform audience. May dance and sing.</td>
<td>No</td>
</tr>
<tr>
<td>Actuaries</td>
<td>Analyze statistical data, such as mortality, accident, sickness, disability, and retirement rates and construct probability tables to forecast risk and liability for payment of future benefits. May ascertain insurance rates required and cash reserves necessary to ensure payment of future benefits.</td>
<td>Yes</td>
</tr>
</tbody>
</table>

---

**Career Ladders**

Career ladders help people learn about the job options that are available as they progress through a career. Career ladders consist of a group of related jobs that comprise a career, and represent the job progression of workers within a career. They also provide detailed descriptions of the jobs, and the experiences that facilitate movement between jobs.

Career ladders display only vertical (upwards or downwards) movement between jobs and can be used in a variety of ways. For example, employers can use career ladders to:

- Attract individuals to an industry by showing potential career progression beyond entry points,
- Focus workforce development efforts,
- Show workers how different jobs interconnect within careers in an industry, and
- Inform workers about the training, education, and developmental experiences that would enable them to accomplish their career objectives.

There are several ways to view the career ladder information:

- View the Career Ladder table when viewing an occupation profile.
- Access the Visual Career Ladder with extensive interactive features.

The Career Ladder table shows how people in the chosen occupation climb the career ladder, by showing the occupations that jobseekers have moved into after this occupation.

- Click an Occupation Title link to open the corresponding occupation profile.
Viewing the Career Ladder Table

The Visual Career Ladder includes several interactive features allowing users to change the data to display for each occupation, and to turn the ladder upside-down to see which occupations individuals typically have prior to entering the selected occupation.

- Click Go to the Visual Career Ladder for (Selected Occupation) link that displays below the Career Ladder table of the occupation profile.
**Education Profiles**

Compiling information from multiple sources, the system provides a complete statistical profile of a selected education program. Most programs are associated with a Classification of Instructional Programs (CIP) code, which aggregate college majors, allowing for a systematic description of instructional activity.

- Select **Labor Market Services > Education Profile** from the Navigation menu or Directory of Services.
Select an Education Program

For most Educational Profile data sessions, you must first identify a program, or multiple programs when using the comparison feature. (For some data sessions, you will search for a training provider.)

Selecting a Program Using a Keyword Search

The education program you select will display at the top of each Education Profile page. The current Program link will allow you to select a new program for the data session. The current Area link will allow you to select a new area for the data session. The Compare links, when available, will allow you select multiple education programs or areas for comparison (see next section). In addition, you may use the Change Education link located at the bottom of each page.

Reviewing Profile Selections and Accessing the Change Feature
**Education Comparison Feature**

The **Education Comparison** feature allows you to compare multiple programs in one area, or compare a single program across multiple areas. When comparing several education programs, the system displays easy-to-read snapshots and table displays of key data categories. If information is not available for a comparison item, the system will display the next highest level where information is available.

You may set up a multiple-program or multiple-area data session using the **Compare** links located at the top of each education profile page.

- To select multiple programs, click the **Compare** link below the education program.
- To select multiple areas, click the **Compare** link below the current area.

**Accessing the Compare Feature from Current Occupation Profile Settings**

When using the **Compare** link for education programs, the system displays a list of related programs occupations from which to select. When you have finished making selections, click the **Continue** button to return to the education profile with the new programs included.

**Selecting Education Programs to Compare with Current Program Selection**

When you need to use the full program search feature, click **choose other education programs to compare with** and you will see the search tabs shown on the next page. When in comparison mode, each tab will have checkboxes allowing you to up to six programs. Working from any search tab, check the education programs you want to include in the session. You can review your selections in the **Selected Education Programs** panel before clicking the **Search** button to begin the data session.

**Note:** If you do not see the Select column and/or checkboxes on the search tabs, be sure you have accessed the page from either the **Education Comparison** option on the Navigation menu, or the **Compare** link shown at the top of each page.
Selecting Multiple Occupations for Comparison

Keep in mind that some data categories are only available in single-program sessions. In addition, within each data group certain data categories only display in single-program sessions. After selecting a data group, you may use the Customize Report button to see which data categories are available.

**Summary**

For each education program, the Summary group highlights in words and graphics key LMI data related to the education program. The narrative incorporates current data into an all-you-need-to-know overview of the program. Graphic icons focus on key indicators and link to tables and maps with supporting data. Finally, the system provides content to education programs through listing all providers and occupations related to the degree.

- When viewing a program profile, click the Summary link at the top of the page.
As you explore the features and links in the **Summary** group, be sure to use the **Return to Education Summary** button located at the bottom of all linked pages – this returns you to the main page. Other features allow you to share or print the data you are viewing.

**Narrative Description of Program**

The **Summary** group begins with a narrative summary of the selected occupation derived from O*NET data.

- Click the **More** link to see the full narrative, as some can be quite extensive.

**Adult Health Nurse/Nursing** - A program that prepares registered nurses to provide general care for adult patients. Includes instruction in adult primary care, adult pathophysiology, clinical management of medication and treatments, patient assessment and education, patient referral, and planning adult health m... **More**

**Quick Reference Icons**

The **Summary** group also includes icons focused on key program indicators. With just a glance, users can assess an extent of available programs and job prospects. When comparing education programs, the icons allow for quick at-a-glance assessments.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description and Functions</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="#" alt="Demand Low" /> <img src="#" alt="Demand Medium" /> <img src="#" alt="Demand High" /></td>
<td><strong>Jobs Available.</strong> Hover to see number currently available. Click to see comparison with other occupations.</td>
</tr>
<tr>
<td><img src="#" alt="47" /></td>
<td><strong>Providers.</strong> Number of providers for this education program</td>
</tr>
<tr>
<td><img src="#" alt="1,229" /></td>
<td><strong>Completers.</strong> Number of completers for this education program</td>
</tr>
</tbody>
</table>

**Snapshots**

For single-occupation data sessions, the **Summary** includes several snapshots, each focused on one or two key indicators.

For each occupation, the **Summary** group includes the following snapshots:

- Total Job Counts in Related Occupations
- Providers by Number of Completers
- Total Completers by Credentials
- Occupations Related to Degree
- Advertised Job Certifications
- Advertised Job Skills
- Advertised Tools and Technology
- Advertised Job Openings (Area Distribution)
- Potential Candidates (Area Distribution)
- Projected Annual Openings
• Typical Wages
• Real-Time Wages
• Industries by Employment

All snapshot headings link to view the complete data category, display options and links. Many tables in the Summary group also include links to open new profiles or to access job lists.

• Click a Job Openings link to view the jobs advertised for that job skill, industry, area, etc.
• Click any Snapshot Heading to navigate to the complete data set for that topic, such as Total Job Counts in Related Occupations shown below. (Use the Return to Education Summary button to return to the main page.)
**Jobs**

The **Jobs** group uses current data on advertised jobs (either daily or monthly counts). The system ranks job counts by area, job skills, tools and technology, occupation, industry, etc. For each display, users can link directly to a listing of advertised jobs that meet the criteria.

**Reviewing the Summary Group for a Single Education Program**
When viewing a program profile, click the Jobs link at the top of the page. To review the data categories that display on the page, click the Customize Report button.

Education Program data in the Jobs group include many categories also found in Area, Industry and Occupation profiles. Viewing all jobs data on one page allows analysts to make a full assessment of an education program and discover new areas of inquiry.

The Advertised Job Certifications table shows all job certifications listed in advertised job openings. The Advertised Job Skills table ranks the prevalence of job skills found in advertised job openings. The Advertised Tools and Technology table ranks the prevalence of tools and technology found in advertised job openings.

The Total Job Counts in Related Occupations table shows the total number of advertised job openings related to the education program for the entire area.

- Click a Job Openings link to view the jobs advertised for that occupation and area.

The Job Counts in Related Occupations Distribution table shows the area distribution of advertised job openings.

- Click a Job Openings link to view the jobs advertised related to the education program for the selected area.
- Click an Area Name link to reset the area for the current education profile.
**Program Completers**

The **Program Completers** group shows the number of students that completed training and education programs for an occupation. Analysts can view data on completers by area and by credentials.

- When viewing a program profile, click the **Program Completers** link at the top of the page.
- Alternatively, select **Labor Market Profiles** ➤ **Education and Training Data** ➤ **Educational Program Completers** from the Navigation menu or Directory of Services.

To review the data categories that display on the page, click the **Customize Report** button.

<table>
<thead>
<tr>
<th>Rank</th>
<th>Area</th>
<th>Job Openings</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Davidson County</td>
<td>1,074</td>
</tr>
<tr>
<td>2</td>
<td>Shelby County</td>
<td>485</td>
</tr>
<tr>
<td>3</td>
<td>Knox County</td>
<td>422</td>
</tr>
<tr>
<td>4</td>
<td>Hamilton County</td>
<td>349</td>
</tr>
<tr>
<td>5</td>
<td>Rutherford County</td>
<td>135</td>
</tr>
<tr>
<td>6</td>
<td>Williamson County</td>
<td>126</td>
</tr>
</tbody>
</table>

The **Total Completers by Area** table shows the areas (counties, etc.) with the highest number of program completers for the program.

- Click the **Tool** icon to change the area type or data item displayed.
- Click an **Area Name** link to reset the area for the current education profile.
The Total Completers by Credentials table ranks the number of completers for each education credential for the program.

**Program Providers**

The Program Providers group displays providers by number of completers (the number of students that completed training and education programs for an occupation), total completers by area, and total completers by credentials.

- When viewing a program profile, click the Program Providers link at the top of the page.

To review the data categories that display on the page, click the Customize Report button.

The Providers by Number of Completers table shows the area providers with the highest number of program completers for the program.

- Click a Provider Name link to view the provider profile and all their program listings.
**Related Occupations and Licensure**

The Related Occupations and Licensure displays occupations related to selected occupation and licensure requirements connected with education programs.

- When viewing a program profile, click the Related Occupations and Licensure link at the top of the page.

To review the data categories that display on the page, click the **Customize Report** button. The data categories in this group are available only during single-program data sessions.

The Occupations Related to (Selected Education Program) table shows the total number of job openings for all occupations related to the selected program.

**Note:** The In-Demand stars shown in the table below are only available for customers who have arranged for a special loading of their state-specific Occupational Demand files.

- Click an Occupation Title link to open the corresponding occupation profile.
- Click a Job Openings link to view the jobs advertised related to the education program for the selected area.
Reviewing Job Openings for Occupations Related to Education Program

The **Licensed and Certified Occupations** table shows the total number of job openings for all occupations related to the selected program.

- Click an **Occupation Title** link to open the corresponding occupation profile.
- Click a **Licensed Occupation** link to view complete licensing information.

Reviewing Licensure Information for Licensed Occupations Related to Education Program