Labor Market Information for Workforce Assistance

OFFICE OF ECONOMIC OPPORTUNITY
Introduction

Rachael Tashbook

- Economist for the Office of Economic Opportunity
- Bachelor’s at ASU; Currently in Graduate School
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First Job was a...

- Corn Cop!

What was your first job?
Office of Economic Opportunity

- Designed to bridge the gap between workforce development initiatives and economic development priorities
- Strives to help share Labor Market Information with groups that can benefit from the data
- Primarily focus in employment data
Agenda

- What is Labor Market Information (LMI)
- Easy & Practical LMI Available
- How to Obtain Basic LMI
- Questions
Presentation Goals

By the end of this presentation we hope that you will...

- Develop general knowledge on what labor market information is
- Gain an understanding of what kinds of information are available
- Have the knowledge and skills to find and apply a basic array of available labor market information
Why do these goals **matter to you?**

- Why do you do what you do?
- What are your primary goals when in your role?
Why do these goals matter to you?

- Why do you do what you do?
- What are your primary goals when in your role?

Labor Market Data may be able to help!

- youth and general public → informed, long-term career planning
- businesses → more efficient labor utilization
- dislocated workers → transition to next career opportunity
So, what is labor market information?

- Any ideas?
Labor Market Information

- The data and analysis available for relating to employment and the workforce.
Labor Market Information

- The data and analysis available for relating to employment and the workforce.
- Includes
  - Industry Data
    - Employment Share, Employment Projections, Unemployment Levels, etc.
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  - Industry Data
    - Employment Share, Employment Projections, Unemployment Levels, etc.
  - Occupation Data
    - Wages, Knowledge/Skills/Abilities, Education & Experience needed, etc.
Labor Market Information

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- Includes
  - Industry Data
    - Employment Share, Employment Projections, Unemployment Levels, etc.
  - Occupation Data
    - Wages, Knowledge/Skills/Abilities, Education & Experience needed, etc.
  - Population Data
    - Typical Household Makeup, Demographics, Commuting Patterns, Income, etc.
By understanding the components of labor market information, we select pieces to better understand a problem or scenario, and create solutions!

Labor Market Information
Labor Market Information

- Data on employment is collected from many surveys and reports
Data on employment is collected from many surveys and reports

Why does that matter?
Labor Market Information

- This information comes from many different surveys and sources!
  - Why does that matter?

Different sources can provide varying levels of **accuracy** and **precision** for the information being conveyed.
One website that we will visit later in this presentation is the Bureau of Labor Statistics Career Outlook Handbook.

That website is helpful because it combines all the various pieces of data you can get from different surveys and sources into one place.

Highly valuable if you are short on time and want to better understand an occupation.

Some of the information, though, is provided at the national level, meaning it is not very precise.
Another website one can use for population data is the American Community Survey. That website is valuable because it contains very detailed information about populations. For example, how many children are in each grade level of education, what method of transportation do residents in a given area use, how many people live in single family homes in a community, etc.

The information is regularly dependent on partial surveys meaning they may not be completely accurate. For instance, the margin of error for the number of 12th graders in Maricopa County is 37% of the total number of 12th graders being recorded. This means there is a large range for how many 12th graders there could be.
Overall, we just ask you to try to be aware of what sources you are using, where their data came from, and how accurate or precise it is when sharing it with clients!
You have a general idea of what labor market information is; Industry, Population, Demographic, and Community data.
What is Labor Market Information?

- You have a general idea of what labor market information is; Industry, Population, Demographic, and Community data.
- You know that there are different sources of information, and you need to be aware when using them.
What is Labor Market Information?

- You have a general idea of what labor market information is.
- You know that there are different sources of information and you need to be aware when using them.

- Now we can take a look at the details of LMI and find some examples of data that you can obtain and use daily or weekly.
Available Occupation Information: Dislocated Workers

Helpful LMI

- Occupations codes for quickly sorting information
- Average Wages
- Approximant Job Openings/Applicants
- Occupation Employment levels and Future Projections
- Similar Occupations

LMI Related Tools

- Potential industries/businesses of employment
  - By current hiring observations
  - By industry and area of employment interest
- Training Options
- Top online employment search tools
- Where to find more employment information
Available Occupation Information: Dislocated Workers

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This is what we will be focusing on today!
Available Occupation Information: Dislocated Workers

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- Potential industries/businesses of employment
  - By current hiring observations
  - By industry and area of employment interest
- Training Options
- Top online employment search tools
- Where to find more employment information

This terminology and information will help if you want to complete an occupation profile for a client to use.

This is what we will be focusing on today!
We can compare workers in the same occupation across all industries in an area or we can break out how certain occupations are doing within certain industries.
Occupations vs Industries

THINK FAST!

- A client comes in and says they worked for X manufacturing. What companies can you start recommending the client apply to?
THINK FAST!

- A client comes in and says they worked for X manufacturing. What companies can you start recommending the client apply to?

- You don’t yet! You need to get more information about the OCCUPATION they did so you can identify what skills they likely possess!
Occupation Codes
Occupation Codes

- Occupation
  - “the kind of work a person does to earn a living” ~ Census definition
Occupation Codes

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  - “the kind of work a person does to earn a living” ~ Census definition

- Code
  - A system of cataloguing and organizing an array of information
Standard Occupation Classification System (SOC)

Occupation Codes

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  - “the kind of work a person does to earn a living” ~ Census definition
- Code
  - A system of cataloguing and organizing an array of information
- Standard Occupational Classification (SOC) classifies workers into occupational categories for the purpose of collecting, calculating, or disseminating data.
Standard Occupation Classification System (SOC)

Occupation Codes

- Occupation
  - “the kind of work a person does to earn a living” ~ Census definition

- Code
  - A system of cataloguing and organizing an array of information

- Standard Occupational Classification (SOC) classifies workers into occupational categories for the purpose of collecting, calculating, or disseminating data.

- You may find it useful when searching through and sorting lots of occupation data.
Standard Occupation Classification System (SOC)

Occupation Codes

- Organized by SOC Codes
  - 23 major groups → 97 minor groups → 461 broad occupations → 840 detailed occupations

- Example
  - Major Group: 31-000 Healthcare Support Occupations
  - Residual Minor Group: 31-900 Other Healthcare Support Services
  - Broad Occupation: 31-9090 Miscellaneous Healthcare Support Occupations
  - Detailed Occupation: 31-9091 Dental Assistants
Standard Occupation Classification System (SOC)

Occupation Codes

31-000 Healthcare Support
  31-900 Other Healthcare Support Services
    31-9090 Miscellaneous Healthcare Support
      31-9091 Dental Assistants

Includes nursing, therapy, etc.
Includes massage therapists
Includes medical assistants, veterinary assistants, etc.
Standard Occupation Classification System (SOC)

Organized by SOC Codes
- 23 major groups → 97 minor groups → 461 broad occupations → 840 detailed occupations

Example
- Major Group: 31-000.00 Healthcare Support Occupations
- Residual Minor Group: 31-900.00 Other Healthcare Support Services
- Broad Occupation: 31-9090.00 Miscellaneous Healthcare Support Occupations
- Detailed Occupation: 31-9091.00 Dental Assistants

These look familiar to O*NET codes because O*NET's coding system is based off of the SOC system with two extra digits for an extra layer of detail.
Occupation Codes

Occupational Information Network (O*NET) vs Standard Occupational Classification (SOC)

![Diagram showing the relationship between O*NET and SOC categories](image)

**Data-Level**
- 667 SOC Level without detailed O*NET-SOCs
- 37 SOC Level with detailed O*NET-SOCs
- 269 Detailed O*NET-SOCs
- 1 Exceptional cases

**Non Data-Level**
- 20 SOC Military specific Military "All Other"
- 45 SOC Level with detailed O*NET-SOCs
- 25 SOC "All Other" with detailed O*NET-SOCs
- 46 SOC "All Other" without detailed O*NET-SOCs

**Total**
- 974 Titles and Data
- 136 Titles Only

*Based on the 2010 SOC Classification:* 1110 O*NET-SOC 2010 Occupations (including 840 SOCs)
Occupational Information Network (O*NET)

Occupation Codes

31-000.00 Healthcare Support

31-900.00 Other Healthcare Support Services

31-9090.00 Miscellaneous Healthcare Support

31-9091.00 Dental Assistants

Includes nursing, therapy, etc.
Includes massage therapists
Includes medical assistants, veterinary assistants, etc.

Example of when O*NET and SOC match
Example 2

Occupational Information Network (O*NET)

Occupation Codes

Example of when O*NET and SOC do not match
Wages
Wages

- Can be observed by occupation at mean, median, and percentile levels.
Wages

- Can be observed by occupation at mean, median, and percentile levels.
- Helpful in determining fair wage expectations and informed wage negotiations.
The mean wage is average wage that an individual can expect for an occupation in a given area.

- Available on several different BLS and Department of Labor tools.
- Typically used secondary to median wage and percentile wage data.
The median wage estimates the boundary between the highest paid 50% of workers in an occupation and the lowest paid 50% of workers in an occupation.

Is available on several different Bureau of Labor Statistics and Department of Labor tools.

Typically used with career planning to establish whether the average wage will be enough to support the desired lifestyle of a worker.
PERCENTILE

Wages

- Percentile wages help tell how many workers make more or less than the specified amounts.
Percentile wages help tell how many workers make more or less than specified amounts.

- For example, at the 10th Percentile, 10 percent of workers employed in an occupation earn less.
Can be used to determine fair wages based on experience, education, and expertise.

- A new worker could expect to be paid at a lower percentile, while an experienced worker may strive to earn at a higher percentile.
Wages

- Can be used to determine fair wages based on experience, education, and expertise.
- A new worker could expect to be paid at a lower percentile, while an experienced worker may strive to earn at a higher percentile.

Questions?
Knowledge, Skills, and Abilities

- A list of special qualifications and personal attributes that you need to have for a particular job.
- Helpful when determining job fit, writing resumes, and knowing what skills to generally highlight in an interview.
Education

Education:

- BLS looks at the following education levels:
  - Doctoral degree, masters degree, bachelors degree, associates degree, post-secondary non-degree award, some college no degree, high school diploma or equivalent, less than high school
  - Usually observed in terms of minimum expected education requirements for an occupation
- Also can look at where training for an occupation can be found locally
Work Experience & On The Job Training

- Work Experience:
  - BLS looks at the following work experience levels
    - 5 years or more, Less than 5 years, None
- On The Job Training
  - BLS looks at the following levels
    - Internship/residency
    - Apprenticeship
    - Long-term OTJ training: >12 months
    - Moderate-term OTJ training: 1-12 months
    - Short-term OTJ training: <1 month
    - none
Work Experience & On The Job Training

- **Work Experience:**
  - Useful when determining chances of being selected for an interview/employment.

- **On The Job Training**
  - Useful in anticipating the level of training suitable when appropriate to ensure competitiveness.
  - Clients should anticipate and request the level of training suitable when appropriate to ensure competitiveness.
Projections vs Current Data

- Current data is the latest available survey data for public use.
- Projections are estimates predicting employment data for the future (e.g. employment growth).
- Typically you should use current data unless you are working with long-term career planning.
Now to the fun stuff!

- Let's go to the places where you can find useful data and information!
If you couldn’t have your current job, what would you want to do?
Imagine that occupation as we go to each of these websites!
Imagine that occupation as we go to each of these websites!

For this presentation we’re going to see where we end up using the occupation Cook, but you can apply this to any occupational goals!
Identify Occupation SOC

SOC = Standard Occupation Classification; occupation code

If we know the major group we can search here!

www.bls.gov/oes/current/oes_stru.htm
35-0000 Food Preparation and Serving Related Occupations

- 35-0000 Food Preparation and Serving Related Occupations
  - 35-1000 Supervisors of Food Preparation and Serving Workers
    - 35-1010 Supervisors of Food Preparation and Serving Workers
      - 35-1011 Chefs and Head Cooks
      - 35-1012 First-Line Supervisors of Food Preparation and Serving Workers
  - 35-2000 Cooks and Food Preparation Workers
    - 35-2010 Cooks
      - 35-2011 Cooks, Fast Food
      - 35-2012 Cooks, Institution and Cafeteria
      - 35-2013 Cooks, Private Household
      - 35-2014 Cooks, Restaurant
      - 35-2015 Cooks, Short Order
      - 35-2019 Cooks, All Other
    - 35-2020 Food Preparation Workers
      - 35-2021 Food Preparation Workers
  - 35-3000 Food and Beverage Serving Workers
    - 35-3010 Bartenders
      - 35-3011 Bartenders

Click on the titles to see a brief description of the occupation.

SOC = Standard Occupation Classification; occupation code
Identify Occupation SOC

- SOC = Standard Occupation Classification; occupation code

<table>
<thead>
<tr>
<th>SOC Code</th>
<th>Occupation Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-2000</td>
<td>Cooks and Food Preparation Workers</td>
</tr>
<tr>
<td>35-2010</td>
<td>Cooks</td>
</tr>
<tr>
<td>35-2011</td>
<td>Cooks, Fast Food</td>
</tr>
<tr>
<td>35-2012</td>
<td>Cooks, Institution and Cafeteria</td>
</tr>
<tr>
<td>35-2013</td>
<td>Cooks, Private Household</td>
</tr>
<tr>
<td>35-2014</td>
<td>Cooks, Restaurant</td>
</tr>
<tr>
<td>35-2015</td>
<td>Cooks, Short Order</td>
</tr>
<tr>
<td>35-2019</td>
<td>Cooks, All Other</td>
</tr>
</tbody>
</table>

We can use the broader occupation for more employment options.
FAQ

Can I just google it?
FAQ

Can I just google it?

**YES!** Of course! This method is primarily to show you the source of the coding structure in case there is any doubt. As well, there are sometimes updates and the BLS website will always have the most current/accurate version!
Find Wage Range

Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile.

Option A

https://azcis.intocareers.org/materials/portal/home.html
Find Wage Range

Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile.

Option A

https://azcis.introcareers.org/materials/portal/home.html
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Option A
Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile.

Option A
Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile.

Option A
Find Wage Range

Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile

Option A
### Find Wage Range

Wage range can include median wage, and wages at the 10th, 25th, 75th, and 90th percentile.

Option B

---

**Phoenix MSA---2015 Occupational Employment & Hourly Wage Estimates**

<table>
<thead>
<tr>
<th>Occ. Code</th>
<th>Occupational Title</th>
<th>Mean Wage</th>
<th>10th Percentile Wage</th>
<th>25th Percentile Wage</th>
<th>Median Wage</th>
<th>75th Percentile Wage</th>
<th>90th Percentile</th>
<th>Rounded Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>35-1011</td>
<td>Chefs and Head Cooks</td>
<td>$22.98</td>
<td>$12.70</td>
<td>$13.63</td>
<td>$18.79</td>
<td>$27.81</td>
<td>$36.16</td>
<td>1,660</td>
</tr>
<tr>
<td>35-1012</td>
<td>First-Line Supervisors of Food Preparation and Serving Workers</td>
<td>$16.55</td>
<td>$9.95</td>
<td>$11.53</td>
<td>$15.27</td>
<td>$19.97</td>
<td>$25.53</td>
<td>13,870</td>
</tr>
<tr>
<td>35-2011</td>
<td>Cooks, Fast Food</td>
<td>$9.94</td>
<td>$8.35</td>
<td>$8.79</td>
<td>$9.64</td>
<td>$10.94</td>
<td>$11.72</td>
<td>8,820</td>
</tr>
<tr>
<td>35-2012</td>
<td>Cooks, Institution and Cafeteria</td>
<td>$12.45</td>
<td>$8.92</td>
<td>$10.16</td>
<td>$12.06</td>
<td>$14.12</td>
<td>$16.60</td>
<td>3,100</td>
</tr>
<tr>
<td>35-2014</td>
<td>Cooks, Restaurant</td>
<td>$11.50</td>
<td>$8.68</td>
<td>$9.60</td>
<td>$11.05</td>
<td>$13.01</td>
<td>$14.67</td>
<td>17,320</td>
</tr>
<tr>
<td>35-2019</td>
<td>Cooks, All Other</td>
<td>$13.03</td>
<td>$8.85</td>
<td>$10.19</td>
<td>$12.52</td>
<td>$15.33</td>
<td>$17.78</td>
<td>140</td>
</tr>
<tr>
<td>35-2021</td>
<td>Food Preparation Workers</td>
<td>$10.42</td>
<td>$8.36</td>
<td>$8.81</td>
<td>$9.79</td>
<td>$11.61</td>
<td>$13.77</td>
<td>7,020</td>
</tr>
<tr>
<td>35-3011</td>
<td>Bartenders</td>
<td>$12.25</td>
<td>$8.32</td>
<td>$8.70</td>
<td>$9.34</td>
<td>$13.76</td>
<td>$19.39</td>
<td>6,960</td>
</tr>
<tr>
<td>35-3022</td>
<td>Counter Attendants, Cafeteria, Food Concession, and Coffee Shop</td>
<td>$10.22</td>
<td>$8.29</td>
<td>$8.64</td>
<td>$9.22</td>
<td>$10.76</td>
<td>$12.89</td>
<td>5,050</td>
</tr>
<tr>
<td>35-3031</td>
<td>Waiters and Waitresses</td>
<td>$10.61</td>
<td>$8.26</td>
<td>$8.55</td>
<td>$9.03</td>
<td>$10.37</td>
<td>$16.55</td>
<td>37,540</td>
</tr>
<tr>
<td>35-3041</td>
<td>Food Servers, Nonrestaurant</td>
<td>$10.64</td>
<td>$8.30</td>
<td>$8.66</td>
<td>$9.25</td>
<td>$11.92</td>
<td>$15.41</td>
<td>4,460</td>
</tr>
<tr>
<td>35-9011</td>
<td>Dining Room and Cafeteria Attendants and Bartender Helpers</td>
<td>$10.33</td>
<td>$8.27</td>
<td>$8.57</td>
<td>$9.08</td>
<td>$10.47</td>
<td>$14.01</td>
<td>7,340</td>
</tr>
<tr>
<td>35-9021</td>
<td>Dishwashers</td>
<td>$9.51</td>
<td>$8.29</td>
<td>$8.62</td>
<td>$9.18</td>
<td>$10.32</td>
<td>$11.42</td>
<td>6,880</td>
</tr>
<tr>
<td>35-9099</td>
<td>Food Preparation and Serving Related Workers, All Other</td>
<td>$10.37</td>
<td>$8.38</td>
<td>$8.87</td>
<td>$9.87</td>
<td>$11.39</td>
<td>$13.23</td>
<td>870</td>
</tr>
</tbody>
</table>
Comparing Wage Range Sources

**Using AZCIS**
- Has more information in one place if you want to quickly get a lot of information for one client
- Website very easy to navigate with limited knowledge
- Better for holistic view of specific occupations

**Using LaborStats.gov**
- Has information compiled by SOC Code and in list format allowing for quick access when searching multiple occupations at once
- Experienced users will be able to get larger amounts of data, at a higher level of detail
- Better for comparisons
Knowledge, Skills, Abilities (KSA) and Education
# Chefs and Dinner Cooks

<table>
<thead>
<tr>
<th>Topics</th>
<th>Skills and Abilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>At a Glance</td>
<td>Communicate</td>
</tr>
<tr>
<td>Overview</td>
<td>• Understand spoken information.</td>
</tr>
<tr>
<td>Task List</td>
<td>• Speak clearly so listeners can understand.</td>
</tr>
<tr>
<td>Common Work Activities</td>
<td>• Listen to others and ask questions.</td>
</tr>
<tr>
<td>Working Conditions</td>
<td></td>
</tr>
<tr>
<td>Physical Demands</td>
<td></td>
</tr>
<tr>
<td>Skills and Abilities</td>
<td>Reason and Problem Solve</td>
</tr>
<tr>
<td>Knowledge</td>
<td>• Notice when something is wrong or is likely to go wrong.</td>
</tr>
<tr>
<td>Helpful High School Courses</td>
<td>• Follow guidelines to arrange objects or actions in a certain order.</td>
</tr>
<tr>
<td>Preparation</td>
<td>• Use reasoning to discover answers to problems.</td>
</tr>
<tr>
<td>Wages</td>
<td>• Judge the costs and benefits of a possible action.</td>
</tr>
<tr>
<td>Employment and Outlook</td>
<td></td>
</tr>
<tr>
<td>Interests and Values</td>
<td></td>
</tr>
<tr>
<td>Licensing / Certification</td>
<td></td>
</tr>
<tr>
<td>Related Information</td>
<td></td>
</tr>
<tr>
<td>Occupations</td>
<td>Management Oneself, People, Time, and Things</td>
</tr>
<tr>
<td>Programs of Study</td>
<td>• Check how well one is learning or doing something.</td>
</tr>
<tr>
<td></td>
<td>• Manage the time of self and others.</td>
</tr>
<tr>
<td></td>
<td>• Motivate, develop, and direct people as they work.</td>
</tr>
<tr>
<td></td>
<td>Work with People</td>
</tr>
<tr>
<td></td>
<td>• Change behavior in relation to others' actions.</td>
</tr>
<tr>
<td></td>
<td>• Be aware of others' reactions and understand the possible causes.</td>
</tr>
<tr>
<td></td>
<td>Work with Things</td>
</tr>
<tr>
<td></td>
<td>• Inspect and evaluate the quality of products.</td>
</tr>
</tbody>
</table>

Option C

Finding KSA and Education

[https://azcis.introtecareers.org/materials/portal/home.html](https://azcis.introtecareers.org/materials/portal/home.html)
Finding KSA and Education

Option A

https://www.onetonline.org
Option A

Finding KSA and Education
Finding KSA and Education

Option A
<table>
<thead>
<tr>
<th>Percentage of Respondents</th>
<th>Education Level Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>38</td>
<td>High school diploma or equivalent</td>
</tr>
<tr>
<td>33</td>
<td>Less than high school diploma</td>
</tr>
<tr>
<td>11</td>
<td>Some college, no degree</td>
</tr>
</tbody>
</table>

https://www.onetonline.org

Finding KSA and Education

Option A
THINK FAST!

When would you want to use O*NET vs AZCIS?

Finding KSA and Education

https://www.onetonline.org

Option A

https://portal.azcis.intocareers.org
Comparing KSA & Education Sources

Using AZCIS
- Quicker answers, simplified format

Using BLS Occupational Outlook Handbook
- Middle ground level of detail;
  - gives information on what KSA / education / certification is needed for advancement
  - links to training
  - some industry based knowledge in addition to the data

Using O*NET OnLine
- Detailed answers for more critical analysis, understanding

Example
AZCIS and OOH will say you need a high school diploma as the minimum education requirement to be a restaurant cook. O*NET however will also explain that 33% of surveyed cooks have less than a high school degree, so it is not impossible to try for the job, but education is recommended to improve chances of employment.
Places to Search for Jobs

- By industry of client interest
- Specific government sponsored employment websites
Business Lookup Tool

https://laborstats.az.gov/business-lookup

Where to Search for Jobs
Where to Search for Jobs

https://laborstats.az.gov/business-lookup
Places to Search for Jobs

- Specific government sponsored employment websites
  - CareerOneStop.org
  - AZJobConnection.gov
  - AZCIS.IntroCareers.org
    - Provides strategies on how and where to look for jobs
    - Links to online job search sites

- USJobs
  - Part of the National Labor Exchange
  - According to Wanted Analytics (private company) USJobs has more new, unique job placements on a monthly basis than any other online job search engine.

- Directly on the company website
Cooks

Contacts for More Information
For information about culinary apprenticeship programs registered with the U.S. Department of Labor, contact the local office of your state employment service agency, or check the U.S. Department of Labor’s Apprenticeship/Skilled Trades Online or by phone at 877-872-5027.

For more information about cooking careers, visit
- American Culinary Federation®
- National Restaurant Association®
- For information about becoming a personal chef, visit
- American Personal & Private Chef Association®

CareerOneStop
For career videos on cooks, visit
- Cooks, short order®
- Cooks, Institution and cafeteria®

O*NET
- Cooks, all other®
- Cooks, fast food®
- Cooks, Institution and cafeteria®
- Cooks, Private household®
- Cooks, Restaurant®
- Cooks, Short order®
Top Hiring Industries
Top Hiring Industries

Easiest way to get this is at the national level

https://www.bls.gov/ooh/
Top Hiring Industries

https://www.bls.gov/ooh/
### Employment by Industry, Occupation, and Percent Distribution, 2014 and Projected 2024

#### 35-2014 Cooks, Restaurant

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### Top Hiring Industries

- **Full-service restaurants**
- **Drinking places (alcoholic beverages)**
- **Gambling industries (except casino hotels)**

White indicates specific industries while yellow indicates groups of industries.

https://www.bls.gov/ooh/
Industry/Occupation staffing pattern growth is an indication of potentially longer term employment
Training and Educational Opportunities

http://www.careeronestop.org
Training and Educational Opportunities

What tools/technological skills might a cook need?

e.g. compliance software, inventory management software, etc.

Some links are given to free online classes.
Training and Educational Opportunities

Search helpful certifications for employment

<table>
<thead>
<tr>
<th>Certification Name</th>
<th>Certifying Organization</th>
<th>Type</th>
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<tbody>
<tr>
<td>Certified Culinarian</td>
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<td>Certified Chef de Cuisine</td>
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<td>Certified Working Pastry Chef</td>
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<td>Specialty</td>
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<td>Certified Executive Pastry Chef</td>
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<td>Certified Pastry Culinarian</td>
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<td>Certified Decorator</td>
<td>Retail Bakers of America</td>
<td>Specialty</td>
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<td>Certified National Appliance</td>
<td>International Society of Certified</td>
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<td>Electronics Technicians</td>
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</tr>
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<td>School Name/Location</td>
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<td>Dietetics/Dietitian</td>
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<td>Coollidge, AZ</td>
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</table>

We found 6 training program(s) for **Cooks, Restaurant** in **CASA GRANDE, AZ**.
<table>
<thead>
<tr>
<th>School Name/Location</th>
<th>Program Name</th>
<th>Length / Graduates</th>
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</table>

Or look up related programs by location!
At this point we have gone through that complete occupation profile for displaced clients!
At this point we have gone through that complete occupation profile for displaced clients!

Questions?
Congratulations for making it through Labor Market Information for Workforce Assistance!

Rachael Tashbook  (602)364-0430  Rachael.Tashbook@oeo.az.gov
Other Training Opportunities

- Tailored training for
  - Business Services
  - Client Facing (Adult and Dislocated)
  - Youth Counselors
  - Policymakers
  - Etc.

- Economic Overview/Analysis of an Area

- Training on
  - Sources of Economic and Labor Market Data
  - Techniques of Analysis of Economic and Labor Market Data (Basic, Intermediate, and Advanced)
  - Case Studies of Successful Applications of Economic and Labor Market Data
  - Using Industry data for Economic Development
  - Collecting and using ‘real time’ economic and labor market data
  - Etc.

Rachael Tashbook  (602)364-0430  Rachael.Tashbook@oeo.az.gov