



Labor Market Information for Workforce Assistance

OFFICE OF ECONOMIC OPPORTUNITY

Agenda

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

Introductions

Doug Walls

- ▶ Research Administrator for Office of Economic Opportunity
- ▶ Economic Analysis team

Rachael Tashbook

- ▶ Economist for the Office of Economic Opportunity
- ▶ Economic Analysis team

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

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 does this matter to you?

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

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Labor Market Data may be able to help!

- ▶ Can help youth and general public with informed, long-term career planning
- ▶ Can help businesses with more efficient labor utilization
- ▶ Can help dislocated workers in transition looking for their 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

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- ▶ Includes
 - ▶ Industry Data
 - ▶ Employment Share, Employment Projections, Unemployment Levels, etc.



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 - ▶ Occupation Data
 - ▶ Wages, Knowledge/Skills/Abilities, Education & Experience needed, etc.



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 - ▶ 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

- ▶ This information comes from many different surveys and sources!

Labor Market Information

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 - ▶ 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.

LMI Precision Example

- ▶ 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.

LMI Accuracy Example

- ▶ Another website we will visit later in this presentation is Wanted Analytics.
- ▶ That website is valuable because it contains information job hunters are interested in
 - ▶ i.e Who is has been hiring for specific occupations, how many job postings are there for various job titles, and how many applicants there are per job posting, who are the top hiring employers in your area, etc.
- ▶ The information is dependent on web crawlers which search job posting sites. This may mean the data isn't exactly accurate and is hard to verify.

LMI Sources and Surveys

- ▶ 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!

So now what?



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- ▶ You know that there are different sources of information, and you need to be aware when using them.

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- ▶ 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 get into the nitty gritty, and find some examples of data that you can easily obtain and use!

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

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This is what we will be focusing on today!

Available Occupation Information: Dislocated Workers

Helpful LMI

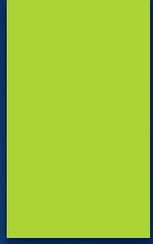
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LMI Related Tools

- ▶ 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

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!



Occupation Codes



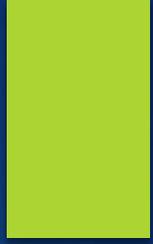
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Occupation Codes



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

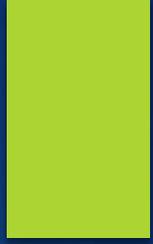
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Standard Occupation Classification System (SOC)

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.
- ▶ You may find it useful when searching through and sorting lots of occupation data.



Standard Occupation Classification System (SOC)

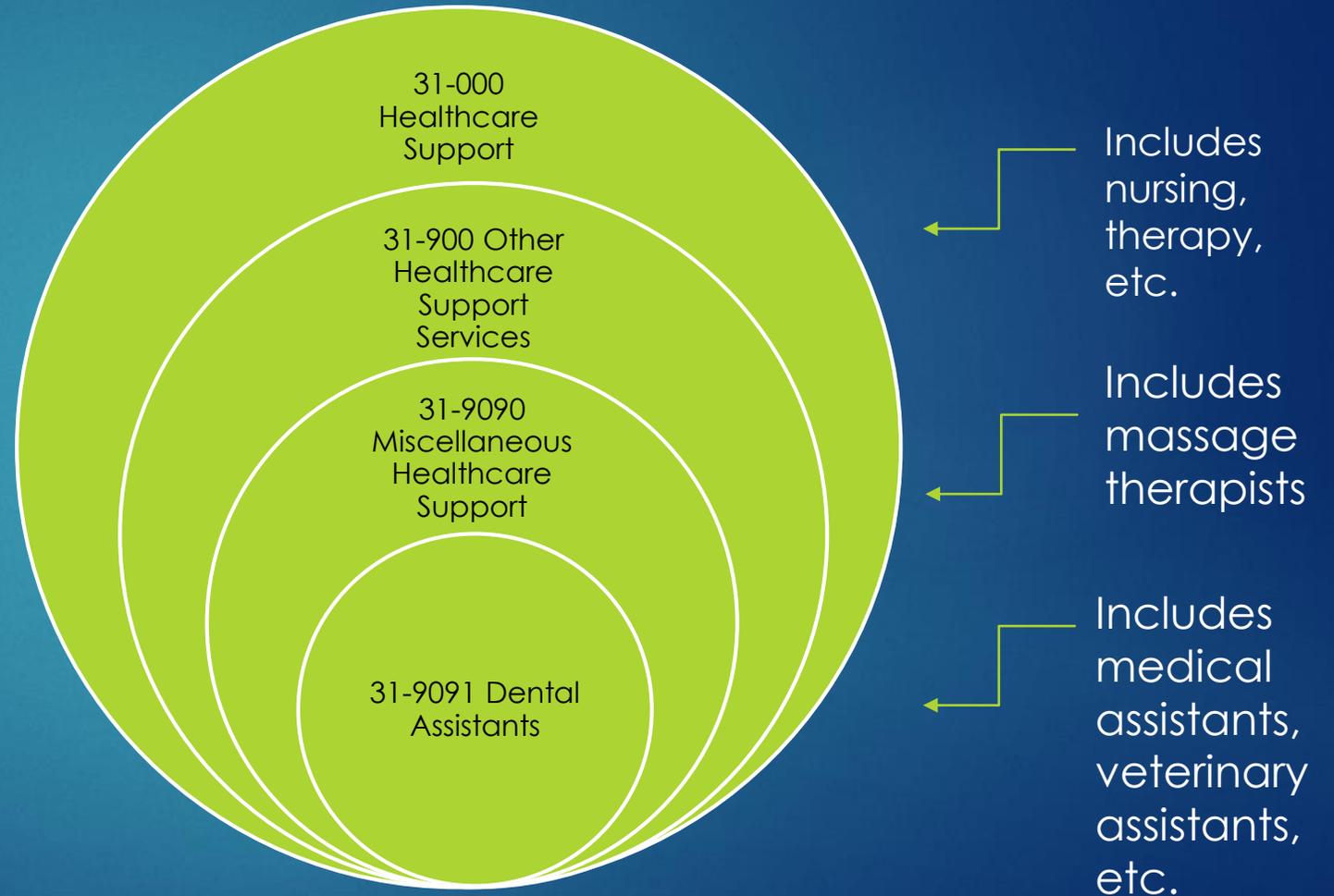
Occupation Codes

- ▶ 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





Standard Occupation Classification System (SOC)

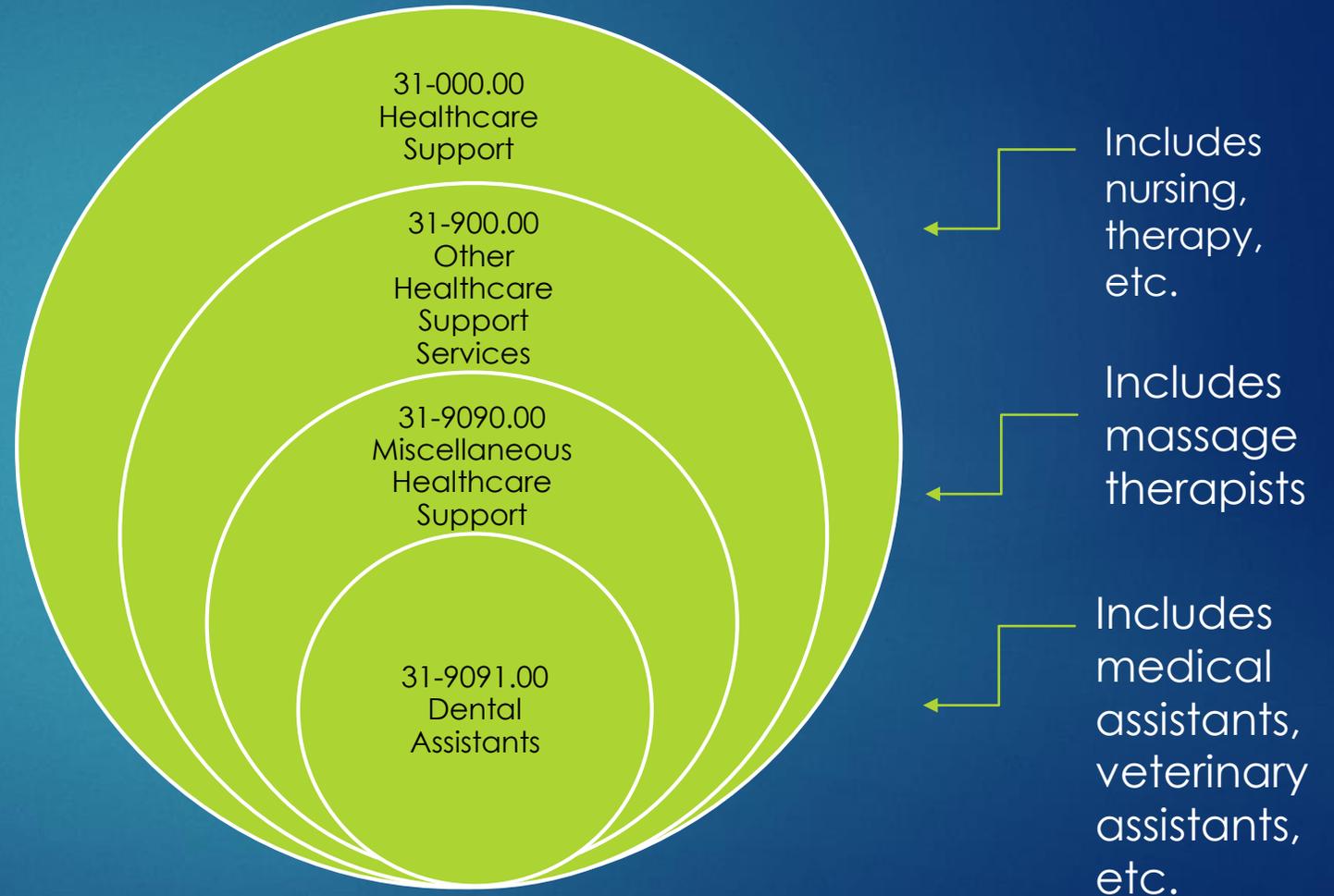
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These look familiar to O*NET codes because O*NET's coding system is based off of the SOC system with two extra digits for an extra layer of detail.

Occupational Information Network (O*NET)

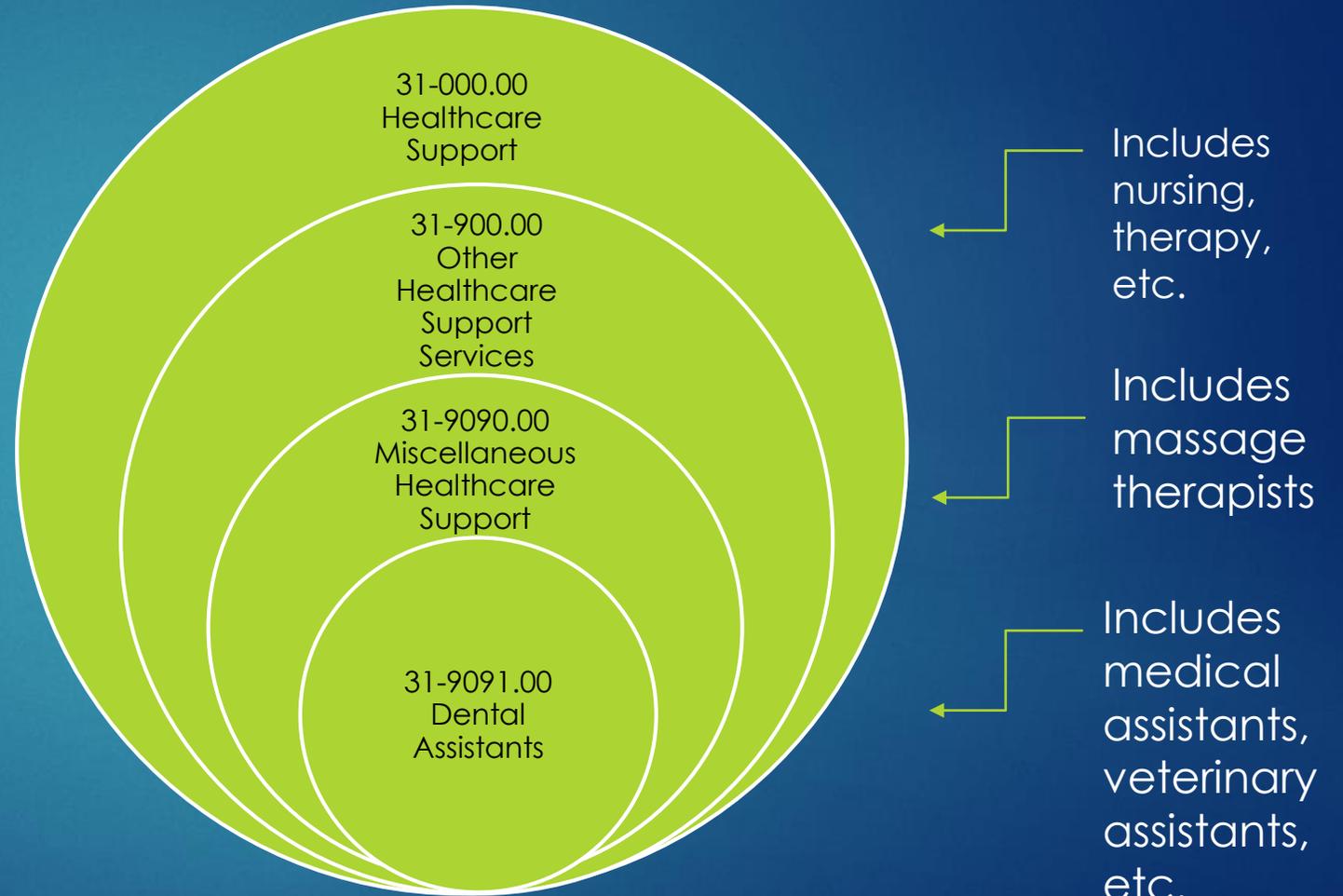
Occupation Codes



Occupational Information Network (O*NET)

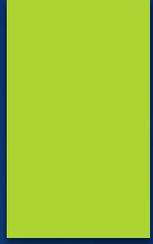
Occupation Codes

Questions?



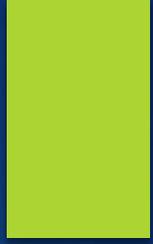


Wages



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

Wages



Wages

- ▶ Can be observed by occupation at mean, median, and percentile levels.
- ▶ Helpful in determining fair wage expectations and informed wage negotiations.

MEAN

Wages

- ▶ The mean wage is average wage that an individuals can expect for an occupation in a given area
- ▶ Is available on several different BLS and Department of Labor tools
- ▶ Typically used secondary to median wage and percentile wage data

MEDIAN

Wages

- ▶ 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.



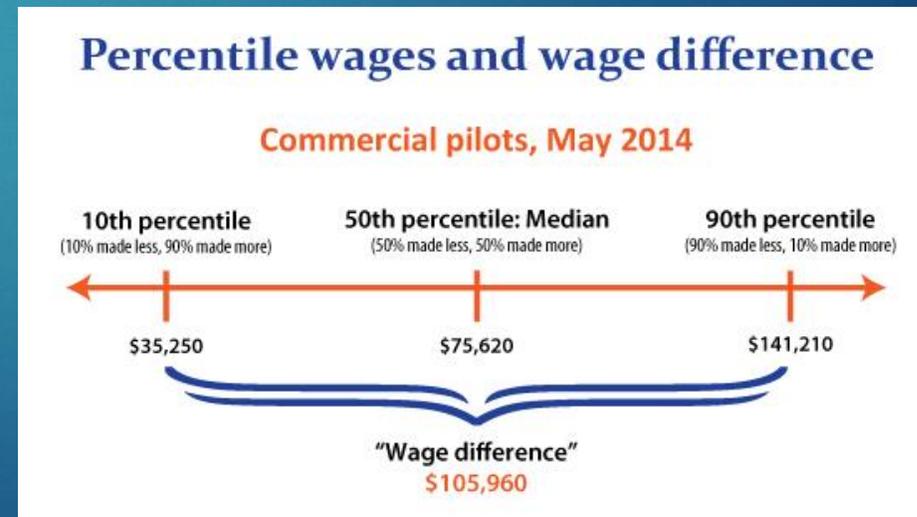
Percentile

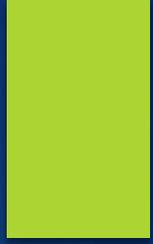
Wages

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

Percentile Wages

- ▶ 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.





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.

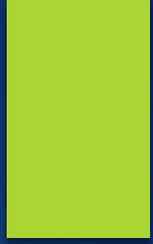


Percentile

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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.



Lastly

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!

- ▶ Lets go to the places where you can find useful data and information!

Career Profile for _____



Last Occupation Title
SOC CODE: _____
Median Wages: [Wage]
Top Skills Requested by Employers: [O*NET url]
Approx. Job Openings & Applicants in County/State: [Date]

Updated [Date]!

Similar occupation titles based on skill needs

Title	Average Wage	Education	Experience Needed	Job Opens / Applicants

Websites and Sources of Specialized Information

Other information

Job Search Sites
Sometimes switching up where you look and apply for jobs can help you reach employers you otherwise wouldn't find. While not always completely accurate, Wanted Analytics says the top sites that employers in your county look for people in [occupation title] occupation are _____ and _____. Other good sources to look for jobs/potential employers include:
CareerOneStop.Org, AZStats.gov/find-employer-data-query-tool/, AZJobConnection.gov, and azcis.introcareers.org.

Contacts for More Information
Website 1 (pulled from Occupational Outlook Handbook)
Website 2
Website 3
Website 4

Top Hiring Industries Based on Employment Growth

Industry Name, NAICS Code, _____

Top Employers Hiring in County/State

Employer Name 1
Employer Name 2
Employer Name 3
Employer Name 4
Employer Name 5

Training Options

Closest Locations to Receive Relevant Training/Certifications/Education:

- 1.
- 2.
- 3.
- 4.

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We're going to all the sources of information for this page

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!

Occupational Employment Statistics

SHARE ON: f t in OES FONT SIZE: PRINT:

- BROWSE OES
- OES HOME
- OES OVERVIEW
- OES NEWS RELEASES
- OES DATA
- OES CHARTS
- OES MAPS
- OES PUBLICATIONS
- OES DATABASES
- OES FAQs
- CONTACT OES
- SEARCH OES
- OES TOPICS
- RESPONDENTS
- DOCUMENTATION
- SPECIAL NOTICES
- RELATED LINKS

May 2015 Occupation Profiles

Major groups

- 00-0000 [All Occupations](#)
- 11-0000 [Management Occupations](#)
- 13-0000 [Business and Financial Operations Occupations](#)
- 15-0000 [Computer and Mathematical Occupations](#)
- 17-0000 [Architecture and Engineering Occupations](#)
- 19-0000 [Life, Physical, and Social Science Occupations](#)
- 21-0000 [Community and Social Service Occupations](#)
- 23-0000 [Legal Occupations](#)
- 25-0000 [Education, Training, and Library Occupations](#)
- 27-0000 [Arts, Design, Entertainment, Sports, and Media Occupations](#)
- 29-0000 [Healthcare Practitioners and Technical Occupations](#)
- 31-0000 [Healthcare Support Occupations](#)
- 33-0000 [Protective Service Occupations](#)
- 35-0000 [Food Preparation and Serving Related Occupations](#)
- 37-0000 [Building and Grounds Cleaning and Maintenance Occupations](#)
- 39-0000 [Personal Care and Service Occupations](#)
- 41-0000 [Sales and Related Occupations](#)
- 43-0000 [Office and Administrative Support Occupations](#)
- 45-0000 [Farming, Fishing, and Forestry Occupations](#)
- 47-0000 [Construction and Extraction Occupations](#)
- 49-0000 [Installation, Maintenance, and Repair Occupations](#)
- 51-0000 [Production Occupations](#)
- 53-0000 [Transportation and Material Moving Occupations](#)



If we know the major group we can search here!

NEW
Subscribe to the OES Update

Click on the occupational title to view that occupation's definition, national employment and wage estimates, and industry and geographic profiles.

Identify Occupation SOC

SOC = Standard Occupation Classification; occupation code

[35-0000 Food Preparation and Serving Related Occupations](#) [top](#)

- 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](#)
 - 35-3020 Fast Food and Counter Workers
 - 35-3021 [Combined Food Preparation and Serving Workers, Including Fast Food](#)
 - 35-3022 [Counter Attendants, Cafeteria, Food Concession, and Coffee Shop](#)
 - 35-3030 Waiters and Waitresses
 - 35-3031 [Waiters and Waitresses](#)
 - 35-3040 Food Servers, Nonrestaurant
 - 35-3041 [Food Servers, Nonrestaurant](#)
 - 35-9000 Other Food Preparation and Serving Related Workers
 - 35-9010 Dining Room and Cafeteria Attendants and Bartender Helpers
 - 35-9011 [Dining Room and Cafeteria Attendants and Bartender Helpers](#)

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

Identify Occupation SOC

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We can use the broader occupation for more employment options

Identify Occupation SOC

SOC = Standard Occupation Classification; occupation code



Home AzCIS VERSIONS WHAT'S NEW ORDER INFORMATION CONTACT US



EXPLORE
PLAN
DECIDE



Az Resident **Just Browsing**

Log in below with ANY of your AzCIS account usernames or passwords.

Username:

Password:

Sign In

Forgot your username or password?

Find Wage Range

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

Option A

Welcome to Arizona Career Information System

https://azcis.intocareers.org/default.aspx

AZ Browse

Text Only Version Log Out

PLAN ASSESSMENTS OCCUPATIONS EDUCATION EMPLOYMENT

Search

Occupations

Explore different occupations and find out what people do at work.

Learn about industries and investigate career options in the military.

Find out if self-employment is a good fit for you.

[Learn more](#)

Which occupations match my preferences?

Occupation Sort
Occupation Filter

What can I learn about occupations?

Choosing Occupations
Career Clusters
Occupations
Green Jobs

What options are available in the military?

About the Military
Military Occupations

How do I compare occupations?

Compare Occupations

What can I learn about working for myself?

Entrepreneurial Career Assessment Form
Self-Employment

What can I learn about industries?

About Industries
Industries

Get Started

- Use these tools to manage your career development.
- Learn more about yourself and create a career plan.
- Map your high school classes.

[View](#)

Check out SAT test dates

1 2 3

Learn about Myself

- Answer questions about yourself and connect to occupations that may interest you.

[View](#)

https://azcis.intocareers.org/index.aspx?FileID=Occ&TitleLetter=A

Find Wage Range

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

Option A

CHEFS AND DINNER COOKS

Help & Tutorials Print

Topics

At a Glance

- Overview
- Task List
- Common Work Activities
- Working Conditions
- Physical Demands
- Skills and Abilities
- Knowledge
- Helpful High School Courses
- Preparation
- Wages
- Employment and Outlook
- Interests and Values
- Licensing / Certification

Related Information

- Occupations
- Programs of Study
- Industries

At a Glance

Chefs and dinner cooks measure, mix, and cook food.

Quick Facts: Chefs and Dinner Cooks	
Wages	Earn \$22,830 - \$38,070 per year
Employment	Very large occupation
10 Year Growth	Much faster than average
Annual Openings	Very High



View Video

Preparation

A chef or dinner cook typically needs to:

- have a high school diploma or equivalent
- complete on-the-job training

Working Conditions

In a typical work setting, chefs and dinner cooks:

- Have a medium level of social contact. They work closely with kitchen staff, but also spend time alone cooking. Chefs and head cooks have the most interaction with kitchen staff.
- Are often exposed to hazardous situations and conditions that produce cuts or minor burns.
- Must be very exact in their work. Errors could cause safety hazards for themselves and other workers.
- May work part time or full time.

Wages

Find Wage Range

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Option A

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- At a Glance
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- Knowledge
- Helpful High School Courses
- Preparation
- Wages**
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Related Information

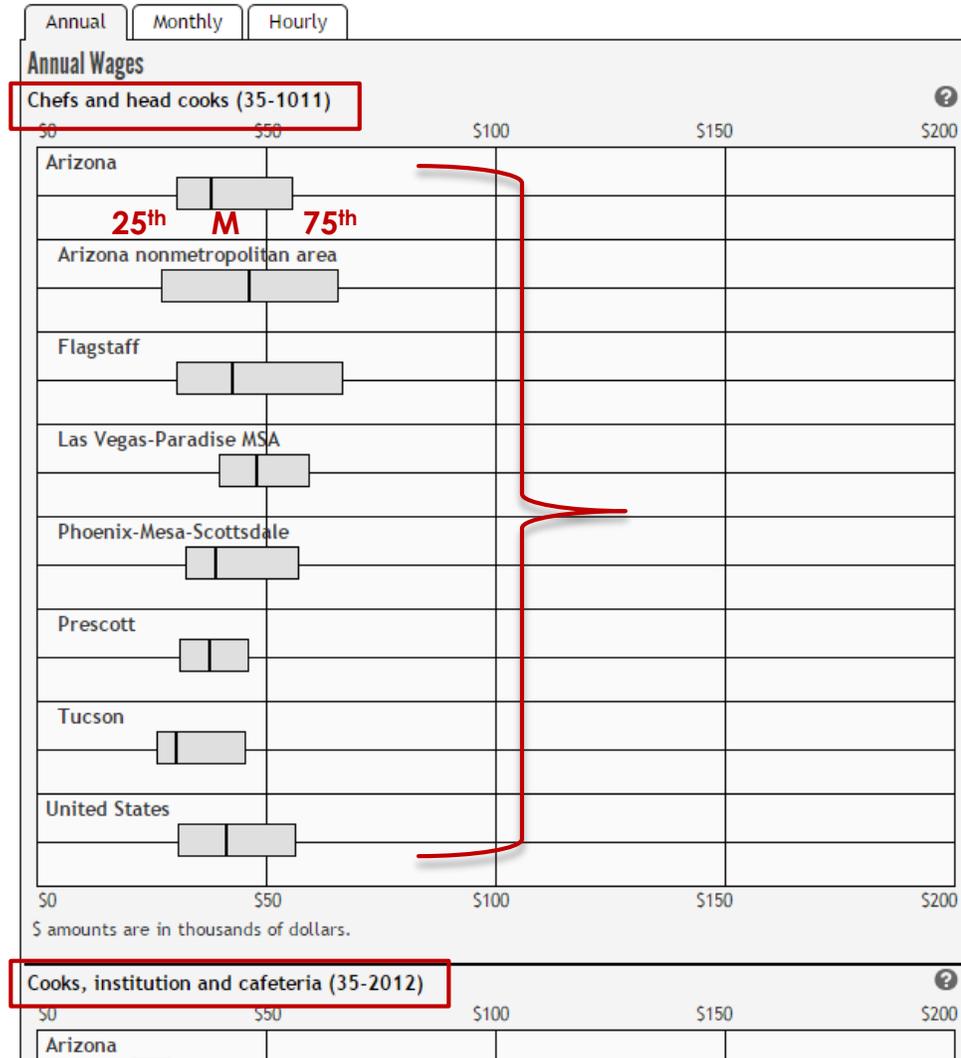
- Occupations
- Programs of Study
- Industries
- Military Occupations
- Career Pathway
- US jobs

Real World Interviews

- Real World Interviews

Wages

Wages for chefs and dinner cooks vary based on their duties and the work setting. Wages for several types of cooks are given below.



Find Wage Range

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

Option A

Topics

- At a Glance
- Overview
- Task List
- Common Work Activities
- Working Conditions
- Physical Demands
- Skills and Abilities
- Knowledge
- Helpful High School Courses
- Preparation
- Wages**
- Employment and Outlook
- Interests and Values
- Licensing / Certification

Related Information

- Occupations
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- US jobs

Real World Interviews

- Real World Interviews

Wages

Wages for chefs and dinner cooks vary based on their duties and the work setting. Wages for several types of cooks are given below.

Annual	Monthly	Hourly	
Hourly Wages			
Chefs and head cooks (35-1011)			
Location	25%	Median	75%
Arizona	\$14.72	\$18.30	\$27.10
Arizona nonmetropolitan area	\$13.05	\$22.24	\$31.87
Flagstaff	\$14.69	\$20.55	\$32.44
Las Vegas-Paradise MSA	\$19.19	\$23.10	\$28.96
Phoenix-Mesa-Scottsdale	\$15.63	\$18.75	\$27.81
Prescott	\$14.91	\$17.98	\$22.41
Tucson	\$12.60	\$14.63	\$22.17
United States	\$14.83	\$19.95	\$27.46
Cooks, institution and cafeteria (35-2012)			
Location	25%	Median	75%
Arizona	\$10.05	\$11.86	\$14.16
Arizona nonmetropolitan area	\$9.22	\$11.93	\$15.92
Flagstaff	\$13.01	\$15.80	\$18.67
Lake Havasu City-Kingman	\$9.53	\$11.12	\$13.22
Las Vegas-Paradise MSA	\$11.47	\$14.29	\$18.59
Phoenix-Mesa-Scottsdale	\$10.16	\$12.06	\$14.12
Prescott	\$8.97	\$10.18	\$11.76
Sierra Vista-Douglas	\$9.13	\$10.97	\$13.33
Tucson	\$10.46	\$11.79	\$13.97
Yuma	\$9.06	\$10.25	\$11.32
United States	\$9.41	\$11.52	\$14.33
Cooks, restaurant (35-2014)			
Location	25%	Median	75%
Arizona	\$9.51	\$10.98	\$12.89
Arizona nonmetropolitan area	\$9.23	\$10.96	\$13.00
Flagstaff	\$9.52	\$11.47	\$13.49
Lake Havasu City-Kingman	\$9.36	\$10.66	\$12.05
Las Vegas-Paradise MSA	\$11.46	\$14.58	\$18.92
Phoenix-Mesa-Scottsdale	\$9.60	\$11.05	\$13.01
Prescott	\$10.10	\$11.15	\$12.58

Find Wage Range

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

Option A

- EMPLOYMENT
- UNEMPLOYMENT
- EMPLOYMENT PROJECTIONS
- WAGES & INCOME
- INDICES
- UNEMPLOYMENT INSURANCE
- POPULATION
- CAREERS

LABOR STATISTICS ABOUT ARIZONA

et information for Arizona, including local area employment and unemployment estimates and projections, wage survey data, and more. Contact us by phone or email if you

NEWS RELEASE SCHEDULE

RELEASE TIME	DATA PERIOD	REPORT TYPE
Jan-21-2016 10 AM	Dec '15	Employment
Mar-10-2016 10 AM	Jan '16	Employment
Mar-24-2016 10 AM	Feb '16	Employment
Mar-24-2016 10 AM		Employment Forecast
Apr-14-2016 10 AM	Mar '16	Employment
May-19-2016 10 AM	Apr '16	Employment
Jun-16-2016 10 AM	May '16	Employment
Jul-21-2016 10 AM	Jun '16	Employment
Aug-18-2016 10 AM	Jul '16	Employment
Sep-15-2016 10 AM	Aug '16	Employment
Oct-20-2016 10 AM	Sep '16	Employment
Nov-17-2016 10 AM	Oct '16	Employment
Dec-15-2016 10 AM	Nov '16	Employment

Find Wage Range

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

Option A

oes-0438060-2015.pdf x

https://laborstats.az.gov/sites/default/files/documents/files/oes-0438060-2015.pdf

oes-0438060-2015.pdf 10 / 46

33-9091	Crossing Guards	\$9.25	\$8.24	\$8.51	\$8.97	\$9.52	\$11.11	1,030
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	\$10.11	\$8.40	\$8.92	\$9.86	\$11.12	\$11.95	1,260
33-9093	Transportation Security Screeners	\$18.96	\$17.61	\$17.62	\$18.06	\$19.77	\$22.26	880
33-9099	Protective Service Workers, All Other	\$14.50	\$8.46	\$9.05	\$10.75	\$17.44	\$26.62	1,930
35-0000	Food Preparation and Serving Related Occupations	\$10.92	\$8.31	\$8.68	\$9.29	\$11.54	\$15.73	174,680

Find Wage Range

Phoenix MSA---2015 Occupational Employment & Hourly Wage Estimates								
Occ. Code	Occupational Title	Mean Wage	10th Percentile Wage	25th Percentile Wage	Median Wage	75th Percentile Wage	90th Percentile	Rounded Employment
35-1011	Chefs and Head Cooks	\$22.59	\$12.74	\$15.63	\$18.75	\$27.81	\$36.16	1,640
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	\$16.55	\$9.95	\$11.53	\$15.27	\$19.97	\$25.53	13,870
35-2011	Cooks, Fast Food	\$9.94	\$8.35	\$8.79	\$9.64	\$10.94	\$11.72	8,820
35-2012	Cooks, Institution and Cafeteria	\$12.45	\$8.92	\$10.16	\$12.06	\$14.12	\$16.60	3,100
35-2014	Cooks, Restaurant	\$11.50	\$8.68	\$9.60	\$11.05	\$13.01	\$14.67	17,320
35-2015	Cooks, Short Order	\$11.35	\$8.75	\$9.76	\$10.96	\$12.48	\$14.55	780
35-2019	Cooks, All Other	\$13.03	\$8.85	\$10.19	\$12.52	\$15.33	\$17.78	140
35-2021	Food Preparation Workers	\$10.42	\$8.36	\$8.81	\$9.79	\$11.61	\$13.77	7,020
35-3011	Bartenders	\$12.25	\$8.32	\$8.70	\$9.34	\$13.76	\$19.39	6,960
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$9.39	\$8.24	\$8.51	\$8.96	\$9.45	\$11.28	46,170
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$10.22	\$8.29	\$8.64	\$9.22	\$10.76	\$12.89	5,050
35-3031	Waiters and Waitresses	\$10.61	\$8.26	\$8.55	\$9.03	\$10.37	\$16.55	37,540
35-3041	Food Servers, Nonrestaurant	\$10.64	\$8.30	\$8.66	\$9.25	\$11.92	\$15.41	4,460
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$10.33	\$8.27	\$8.57	\$9.08	\$10.47	\$14.01	7,340
35-9021	Dishwashers	\$9.51	\$8.29	\$8.62	\$9.18	\$10.32	\$11.42	6,880
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$9.74	\$8.27	\$8.59	\$9.11	\$10.39	\$11.96	6,720
35-9099	Food Preparation and Serving Related Workers, All Other	\$10.37	\$8.38	\$8.87	\$9.87	\$11.39	\$13.23	870
37-0000	Building and Grounds Cleaning and Maintenance Occupations	\$12.09	\$8.56	\$9.31	\$10.82	\$13.31	\$17.70	52,530
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	\$17.92	\$11.06	\$13.31	\$16.57	\$21.80	\$27.58	1,700
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$18.18	\$10.02	\$12.13	\$16.87	\$23.00	\$28.38	2,210
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$11.49	\$8.50	\$9.16	\$10.49	\$12.14	\$15.15	24,870
37-2012	Maids and Housekeeping Cleaners	\$10.33	\$8.42	\$8.96	\$9.98	\$11.41	\$13.21	7,930
37-2019	Building Cleaning Workers, All Other	\$13.53	\$11.06	\$12.54	\$13.49	\$14.45	\$15.29	**

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

Option B

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



CIS - Occupations - Chef: X

← → ↻ <https://azcis.intocareers.org/OccInfo.aspx?SourceState=AZ&OccID=100033&TopicID=6>

Occupations | **Choosing Occupations** | Clusters Index | Titles Index | Compare | Search | Filter

CHEFS AND DINNER COOKS

[? Help & Tutorials](#) [Print](#)

Topics

- At a Glance
- Overview
- Task List
- Common Work Activities
- Working Conditions
- Physical Demands
- Skills and Abilities**
- Knowledge
- Helpful High School Courses
- Preparation
- Wages
- Employment and Outlook
- Interests and Values
- Licensing / Certification

Skills and Abilities

Chefs and dinner cooks need to:

Communicate

- Understand spoken information.
- Speak clearly so listeners can understand.
- Listen to others and ask questions.

Reason and Problem Solve

- Notice when something is wrong or is likely to go wrong.
- Follow guidelines to arrange objects or actions in a certain order.
- Use reasoning to discover answers to problems.
- Judge the costs and benefits of a possible action.
- [\[More \]](#)

Manage Oneself, People, Time, and Things

- Check how well one is learning or doing something.
- Manage the time of self and others.
- Motivate, develop, and direct people as they work.

Work with People

- Change behavior in relation to others' actions.
- Be aware of others' reactions and understand the possible causes.

Work with Things

- Inspect and evaluate the quality of products.

Related Information

- Occupations
- Programs of Study
- Industries
- Military Occupations
- Career Pathway
- US info

<https://azcis.intocareers.org/OccInfo.aspx?SourceState=AZ&OccID=100033&TopicID=6#>

Finding KSA and Education

Option C



Occupation Quick Search:



Build your future with O*NET OnLine.

Welcome to your tool for career exploration and job analysis!

O*NET OnLine has detailed descriptions of the world of work for use by job seekers, workforce development and HR professionals, students, researchers, and more!

[What is O*NET?](#)

What's New?

Emojis and improved report links within O*NET!

[Learn More](#)

Get O*NET news by [email](#) or [RSS](#).

I want to be a...

Start the career you've dreamed about, or find one you never imagined.

[Find It Now](#)

at My Next Move

 **Occupation Search**

Find Occupations

Browse groups of similar occupations to explore careers. Choose from industry, field of work, science area, and more.

Advanced Search

Focus on occupations that use a specific tool or software. Explore occupations that need your skills.

Crosswalks

Connect to a wealth of O*NET data. Enter a code or title from another classification to find the related O*NET-SOC occupation.

ATTN: VETERANS

Put your military skills and experience to work in civilian life. Learn how at:

[MY NEXT MOVE FOR VETERANS](#)

[Get Started](#)

Hot Technologies

are frequently included in employer job postings.

[Learn More](#)

¿Habla español?
Mi Próximo Paso incluye tareas, aptitudes, información sobre salarios y más de 900 carreras diferentes.

 [Visite](#)

Finding KSA and Education

Option A



Cooks, Restaurant - 35-2014.00

More information from O*NET OnLine:
[Summary](#) [Details](#) [Custom](#)

O*NET-SOC Description

Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.

Sample of Reported Job Titles

- Back Line Cook
- Banquet Cook
- Breakfast Cook
- Cook
- Fry Cook
- Grill Cook
- Line Cook
- Pastry Baker
- Prep Cook (Preparation Cook)

SOC Occupation Groups

- 35-0000 [Food Preparation and Serving Related Occupations](#)
- 35-2000 [Cooks and Food Preparation Workers](#)
- 35-2010 [Cooks](#)
- 35-2014.00 **Cooks, Restaurant**

Related Occupations

- 35-2011.00 [Cooks, Fast Food](#)
- 35-2012.00 [Cooks, Institution and Cafeteria](#)
- 35-2015.00 [Cooks, Short Order](#)
- 35-2021.00 [Food Preparation Workers](#)
- 35-3021.00 [Combined Food Preparation and Serving Workers, Including Fast Food](#)

Tasks

5 of 20 displayed

- Bake breads, rolls, cakes, and pastries.
- Bake, roast, broil, and steam meats, fish, vegetables, and other foods.
- Butcher and dress animals, fowl, or shellfish, or cut and bone meat prior to cooking.
- Carve and trim meats such as beef, veal, ham, pork, and lamb for hot or cold service, or for sandwiches.
- Consult with supervisory staff to plan menus, taking into consideration factors such as costs and special event needs.

Detailed Work Activities

5 of 20 displayed

- Arrange food for serving.
- Assess equipment functioning.
- Assist chefs or caterers with food or drink preparation.
- Check quality of foods or supplies.
- Clean food preparation areas, facilities, or equipment.

Military Crosswalk Titles

4 of 9 displayed

- Culinary Specialist (Army - Enlisted)
- Culinary Specialist (Navy - Enlisted)
- Services Craftsman (Air Force - Enlisted)
- Services Helper (Air Force - Enlisted)

Apprenticeship Crosswalk Titles

- Cook (Hotel & Restaurant)
- Cook (Hotel and Restaurant)

DOT Crosswalk Titles

4 of 10 displayed

- Chef De Froid
- Cook
- Cook, Railroad
- Cook, Specialty, Foreign Food

Finding KSA and Education

Option A



Details Report for: 35-2014.00 - Cooks, Restaurant

Updated 2015



Prepare, season, and cook dishes such as soups, meats, vegetables, or desserts in restaurants. May order supplies, keep records and accounts, price items on menu, or plan menu.

Sample of reported job titles: Back Line Cook, Banquet Cook, Breakfast Cook, Cook, Fry Cook, Grill Cook, Line Cook, Pastry Baker, Prep Cook (Preparation Cook)

View report:

[Summary](#)

[Details](#)

[Custom](#)

[Tasks](#) | [Tools & Technology](#) | [Knowledge](#) | [Skills](#) | [Abilities](#) | [Work Activities](#) | [Detailed Work Activities](#) | [Work Context](#) | [Job Zone](#) | [Education](#) | [Credentials](#) | [Interests](#) | [Work Styles](#) | [Work Values](#) | [Related Occupations](#) | [Wages & Employment](#) | [Job Openings](#) | [Additional Information](#)

Skills

Save Table [\(XLS/CSV\)](#)

+ - 10 of 35 displayed (3 important)

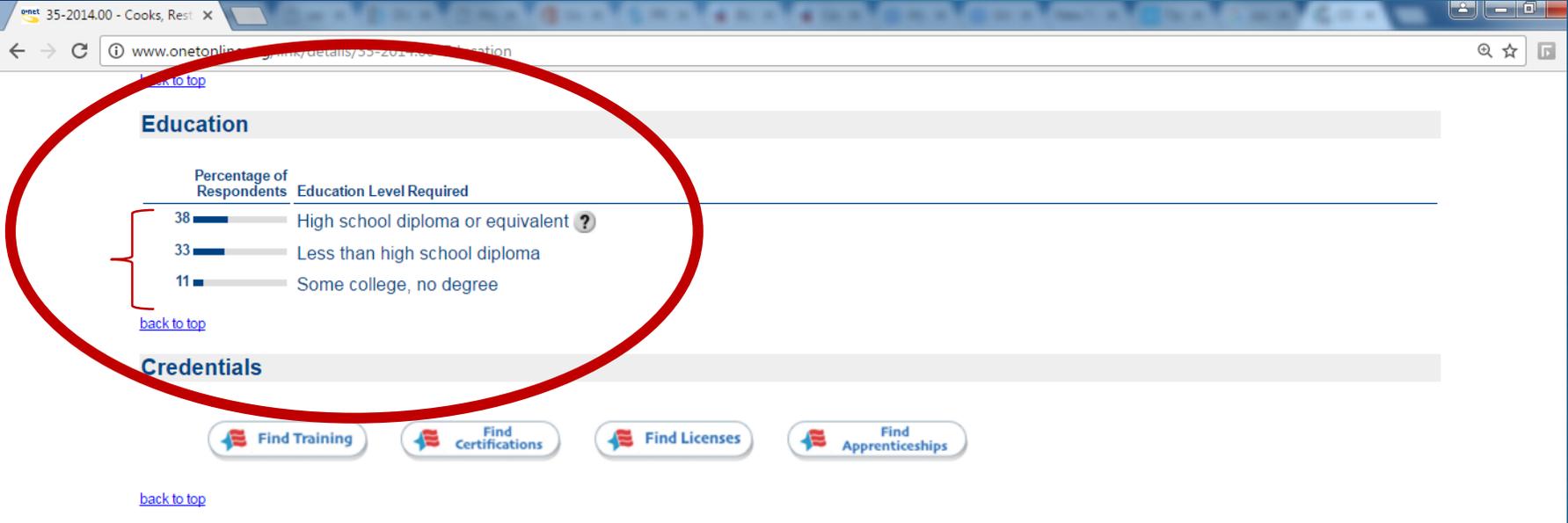
Importance	Skill
53	⊕ Coordination — Adjusting actions in relation to others' actions.
53	⊕ Monitoring — Monitoring/Assessing performance of yourself, other individuals, or organizations to make improvements or take corrective action.
50	⊕ Active Listening — Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
47	⊕ Critical Thinking — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
47	⊕ Judgment and Decision Making — Considering the relative costs and benefits of potential actions to choose the most appropriate one.
47	⊕ Quality Control Analysis — Conducting tests and inspections of products, services, or processes to evaluate quality or performance.
47	⊕ Speaking — Talking to others to convey information effectively.
44	⊕ Operation Monitoring — Watching gauges, dials, or other indicators to make sure a machine is working properly.

Finding KSA and Education

Option A



Finding KSA and Education



Option A

Comparing KSA & Education Sources

Using AZCIS

- ▶ Quicker answers, simplified format

Using O*NET OnLine

- ▶ Detailed answers for more critical analysis, understanding

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

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 trends in where companies post jobs and who has been hiring in the last 30 days
- ▶ By industry of client interest / cold calling
- ▶ Specific government sponsored employment websites

CEB TalentNeuron

- New Search
- Summary**
- Req
- Candidates
- Labor Market
- World
- Employers
- Jobs
- Trends
- Counts
- My Jobs

Job criteria

Keyword

Enter keywords

Location

- All locations
- New York-Northern New Jersey-Long Island MSA, NY
- Chicago-Joliet-Naperville MSA, IL
- Los Angeles-Long Beach-Santa Ana MSA, CA
- Washington-Arlington-Alexandria MSA, DC
- Boston-Cambridge-Quincy MSA, MA
- Pinal County, AZ**

Show more...

Enter a location

Function

- All functions**
- Operations / Logistics
- Medical / Health
- Hospitality / Services
- Sales / Biz. Development
- Education / Training

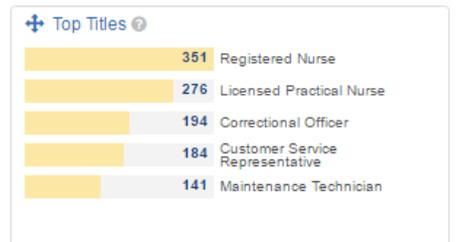
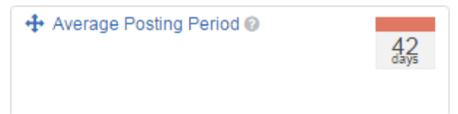
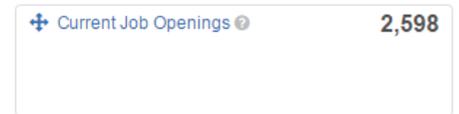
Show more...

Occupation

- All occupations**
- Transportation and Material Moving Occupations (SOC)

Search Definition: [Clear] [Save] [PDF]
 All results in Pinal County, AZ **Generate Report**

Here is a summary of the data matching your query. Click on the links in any section to view more information.



Where to Search for Jobs

Job criteria

Keyword

Location

- All locations
- New York-Northern New Jersey-Long Island MSA, NY
- Los Angeles-Long Beach-Santa Ana MSA, CA
- Chicago-Joliet-Naperville MSA, IL
- Dallas-Fort Worth-Arlington MSA, TX
- Boston-Cambridge-Quincy MSA, MA
- Pinal County, AZ

Show more...

Function

- All functions
- Hospitality / Services

Occupation

- All occupations
- Transportation and Material Moving Occupations (SOC 53-0000.00)
- Healthcare Practitioners and Technical Occupations (SOC 29-0000.00)
- Sales and Related Occupations (SOC 41-0000.00)
- Food Preparation and Serving Related Occupations (SOC 35-0000.00)
- Office and Administrative Support Occupations (SOC 43-0000.00)
- Cooks and Food Preparation Workers (SOC 35-2000.00)

Search Definition: [Clear] [Save] [PDF]
Cooks and Food Preparation Workers in Pinal County, AZ [Generate Report](#)

Here is a summary of the data matching your query. Click on the links in any section to view more information.

Current Job Openings 39

Candidate Supply

150,486,000	Baseline
2,082,000	Location
42,000	Occupation

Hiring Scale 10

Demand Pressure Nationally **67** candidates / job opening

Average Posting Period 43 days

Employers Hiring Now 18

4	Pinal Gila Community Child Ser
4	Sonic Drive-Ins
4	CAESARS ENTERTAINMENT
4	Chipotle
3	Domino's

Top Titles

83	Cook
35	Food Service Worker
35	Buffet Cook
30	Line Cook
22	Agave Cook

Market Salary

Percentile	Nationally	Locally
10th	\$19,800	\$21,450
Median Salary	\$25,600	\$24,850
90th	\$31,400	\$28,250

Employers Who Have Hired 65

50	CAESARS ENTERTAINMENT
29	Harrah's Ak-Chin Casino Resort
29	Banner Health
28	Cracker Barrel
19	The GEO Group, Inc.

Top Skills

14	Food preparation
3	Quality control
1	ServSafe

Top Certifications

4	First Aid certification
4	Driver's License
1	Interventional cardiologist

Where to Search for Jobs

Over the past 4 years

current saved past

Add a Filter
Age
0 to 29 days

- Applied Filters
- age: age
 - Less than 30 days old
 - occupation: minor group
 - + Cooks and Food Preparati ...
 - location: county
 - + Pinal County, AZ
 - location: country
 - MyMarket

Apply Filters

Detail for Selected Time-Frame - Updated Daily

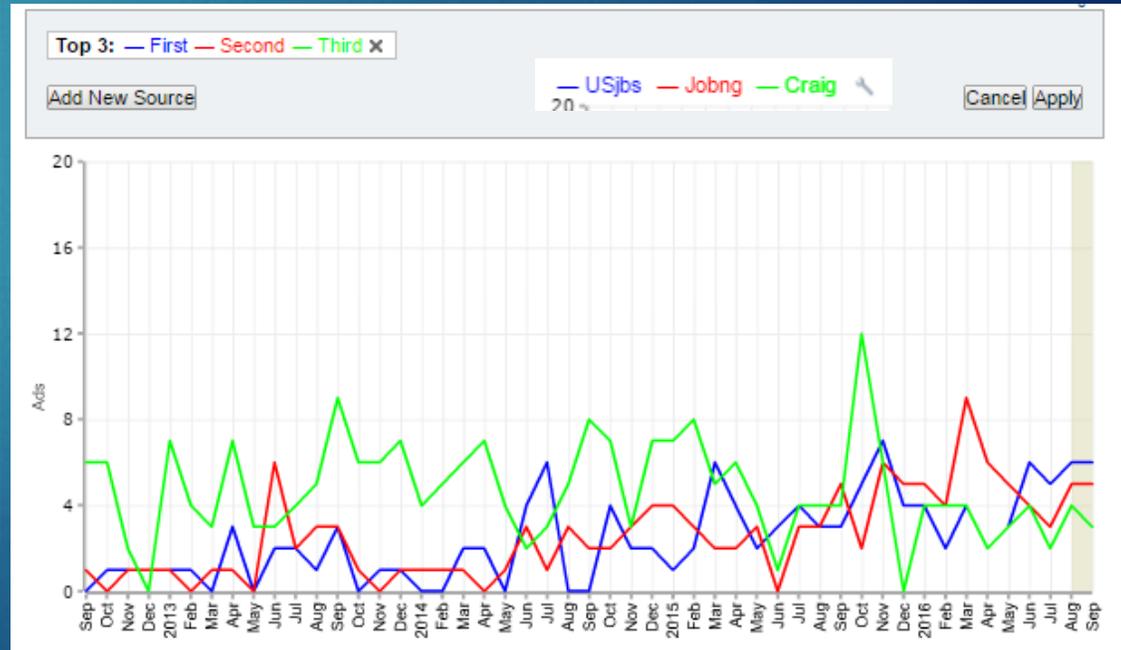
collapse all | add table or chart

By Week By Month By Mid-Month Variable Aug 2016

Job Type Distribution				
Full-Time	5			
Part-Time	3			
Top Employers				
Troon Golf LLC	2			
The State of Arizona	1			
Unspecified	3			
Total (3)	6			
Occupations by Major Groups				
Food Preparation and Serving Related Occupations	6			
Cooks, Restaurant	2			
Cooks, Institution and Cafeteria	2			
Food Preparation Workers	1			
Cities by Counties, MSAs				
Phoenix-Mesa-Glendale	6			
Pinal County	6			
Maricopa, AZ	2			
Apache Junction, AZ	2			
Florence, AZ	1			
Economic Sectors				
Arts, Entertainment, and Recreation	1			
Educational Services	1			
Unclassified Establishments	1			
Unavailable	3			
Total (4)	6			
Industries				
Other Spectator Sports	1			
Colleges, Universities, and Professional Schools	1			
Unclassified Establishments	1			
Unavailable	3			
Total (4)	6			
Occupations				
Cooks, Restaurant	2			
Cooks, Institution and Cafeteria	2			
Food Preparation Workers	1			
Cooks, Fast Food	1			
Total (4)	6			
States				
Arizona	6			
MSAs				
Phoenix-Mesa-Glendale	6			
Counties				
Pinal County	6		6	
Industry Groups				
Spectator Sports	1			
Colleges, Universities, and Professional Schools	1			
Unclassified Establishments	1			
Unavailable	3			
Total (4)	6			
Sources				
US.jobs	6			
Jobing	5			
craigslist	4			
JobNetwork	3			
ZipRecruiter	1			
Unknown	1			
Total (6)	20			

of job postings

Where to Search for Jobs



INFOGROUP BUSINESS LOOKUP

The screenshot shows a web browser window with the URL <https://laborstats.az.gov/business-lookup>. The page header includes the logo for ADOA-EPS (Arizona Department of Office Administration - Employment and Population Statistics) and ARIZONA LABOR STATISTICS. The navigation menu has options: DATA BY TOPIC, DATA BY BLS PROGRAM, DATA BY REGION (highlighted), RESEARCH & ANALYSIS, and TO. Below the navigation, the main heading is "Business Lookup" with a sub-button labeled "BUSINESS LOOKUP". The main content area contains the following text:

The Employer Database is a privately collected, acquired database containing information including name, address, telephone number, contact person, and industry designation for over 12 million businesses throughout the country. Find information on more than two million employers in Arizona, California, Colorado, Nevada, New Mexico and Utah using an [interactive query tool](#).

Employer information is provided by Infogroup®, Omaha, NE, 800/555-5211.

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Send requests for changes and additions to Infogroup by e-mailing employer.database@infousa.com or calling 1-800-555-5211 (ask for the Government Division).



Where to
Search
for Jobs

<http://azstats.gov/find-employer-data-query-tool/>
AZSTATS.GOV

Convert Select

OFFICE OF EMPLOYMENT AND POPULATION STATISTICS **Employer Database**

State:

Area:

Search by Name Search by Industry

Industry Sector:

Specific Industries:

- NAICS 722320 Caterers (2)
- NAICS 722410 Drinking places, alcoholic beverages (19)
- NAICS 722511 Full-service restaurants (194)
- NAICS 722513 Limited-service restaurants (101)

Find Employers

Where to Search for Jobs

194 items in 10 pages

Employer Name	Address	City	Business Description	Employer Size	Annual Sales
Village Inn	W Apache Tri	Apache Junction	Full-Service Restaurant	50-99	\$2.5 - 4.9 million
Cobb's Restaurant & Lounge	W Apache Tri	Apache Junction	Restaurants	10-19	\$500,000 - \$999,999
Kokopelli's Restaurant	S Kings Ranch Rd	Gold Canyon	Restaurants	100-249	\$5 - 9.9 million
China King	E Florence Blvd # 5	Casa Grande	Restaurants	5-9	\$1,000 - \$499,999
Domino's	W Florence Blvd # 101	Casa Grande	Pizza	10-19	\$500,000 - \$999,999
Iron Skillet Restaurant	S Sunland Gin Rd	Eloy	Full-Service Restaurant	50-99	\$2.5 - 4.9 million
Little Sombrero	E Florence Blvd	Casa Grande	Restaurants	10-19	\$500,000 - \$999,999
Lucky Chinese	E Florence Blvd # B	Casa Grande	Restaurants	1-4	\$1,000 - \$499,999
Mi Amigo Ricardo	E Florence Blvd	Casa Grande	Restaurants	20-49	\$1 - 2.49 million
Ochoa's Restaurant	E Cottonwood Ln	Casa Grande	Restaurants	10-19	\$1 - 2.49 million
Peter Piper Pizza	E Florence Blvd # 127	Casa Grande	Pizza	10-19	\$1 - 2.49 million
Pizza Hut	E Florence Blvd	Casa Grande	Pizza	20-49	\$1 - 2.49 million
Pizza Hut	N Arizona Blvd	Coolidge	Pizza	10-19	\$500,000 - \$999,999
L B Cantina	S Main St	Florence	Restaurants	10-19	\$500,000 - \$999,999
Buzzy's Drive-In	Tilbury Dr	Kearny	Restaurants	5-9	\$1,000 - \$499,999

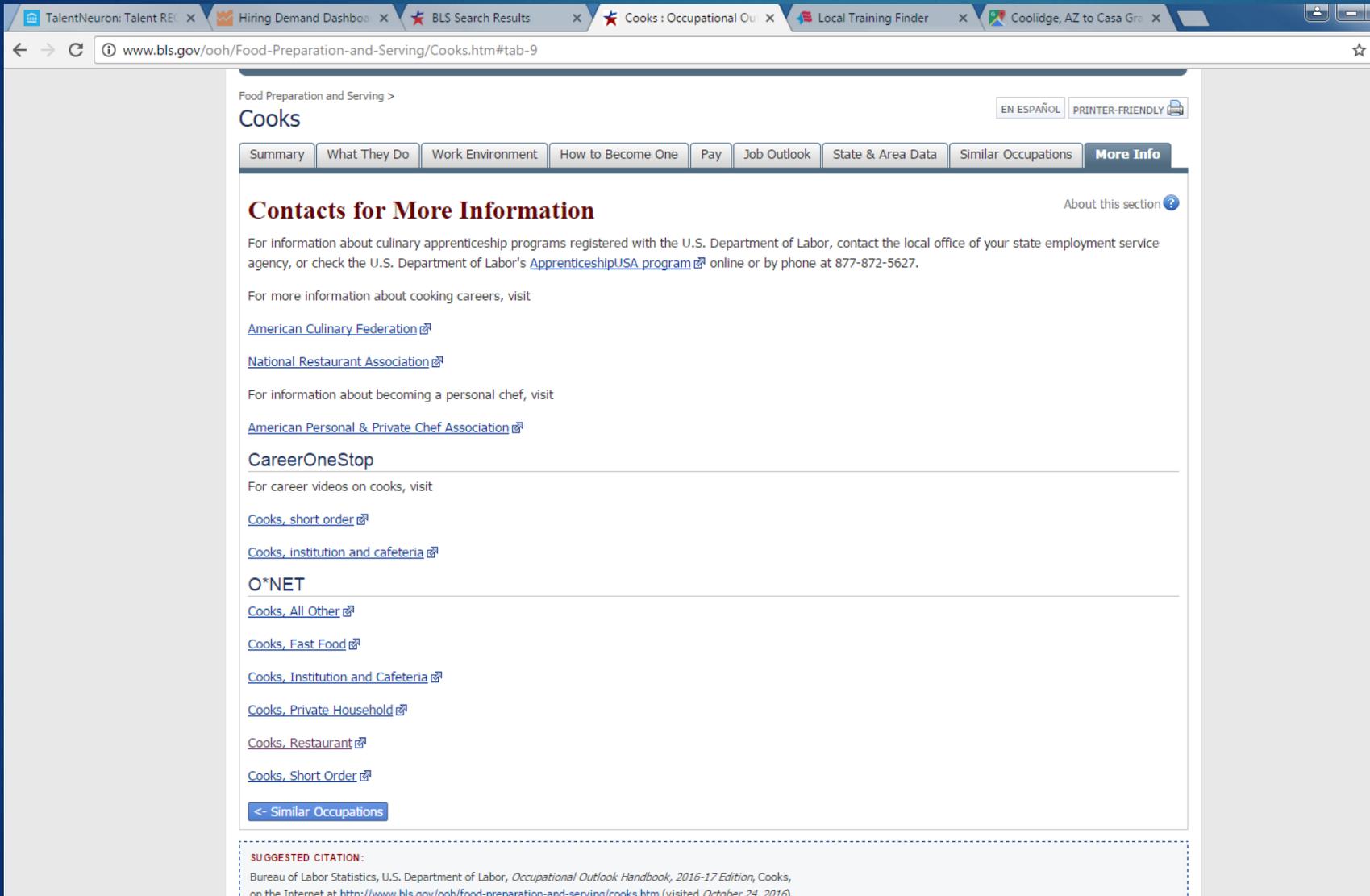
Places to Search for Jobs

- ▶ 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
- ▶ US.Jobs
 - ▶ Part of the National Labor Exchange

Occupation Specific Resources

- ▶ Links to occupational expert websites

► Bureau of Labor Statistics Occupational Handbook



The screenshot shows a web browser window with the URL www.bls.gov/ooh/Food-Preparation-and-Serving/Cooks.htm#tab-9. The page is titled "Cooks" and is part of the "Food Preparation and Serving" section. It features a navigation menu with tabs for Summary, What They Do, Work Environment, How to Become One, Pay, Job Outlook, State & Area Data, Similar Occupations, and More Info. The "More Info" tab is currently selected, displaying the "Contacts for More Information" section. This section provides contact information for culinary apprenticeship programs, including links to the American Culinary Federation, National Restaurant Association, and American Personal & Private Chef Association. It also includes links to CareerOneStop, O*NET, and various O*NET profiles for cooks. A suggested citation is provided at the bottom of the page.

Food Preparation and Serving >
Cooks

EN ESPAÑOL PRINTER-FRIENDLY

Summary What They Do Work Environment How to Become One Pay Job Outlook State & Area Data Similar Occupations **More Info**

Contacts for More Information About this section ?

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 [ApprenticeshipUSA program](#) online or by phone at 877-872-5627.

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](#)

[<- Similar Occupations](#)

SUGGESTED CITATION:
Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2016-17 Edition*, Cooks, on the Internet at <http://www.bls.gov/ooh/food-preparation-and-serving/cooks.htm> (visited October 24, 2016).

Occupation Specific Resources

Top Hiring Industries



OCCUPATIONAL OUTLOOK HANDBOOK

Food Preparation and Serving >

Cooks

EN ESPAÑOL | PRINTER-FRIENDLY

- Summary
- What They Do
- Work Environment
- How to Become One
- Pay
- Job Outlook**
- State & Area Data
- Similar Occupations
- More Info

Job Outlook

About this section ?

Overall employment of cooks is projected to grow 4 percent from 2014 to 2024, slower than the average for all occupations. Individual growth rates will vary by specialty.

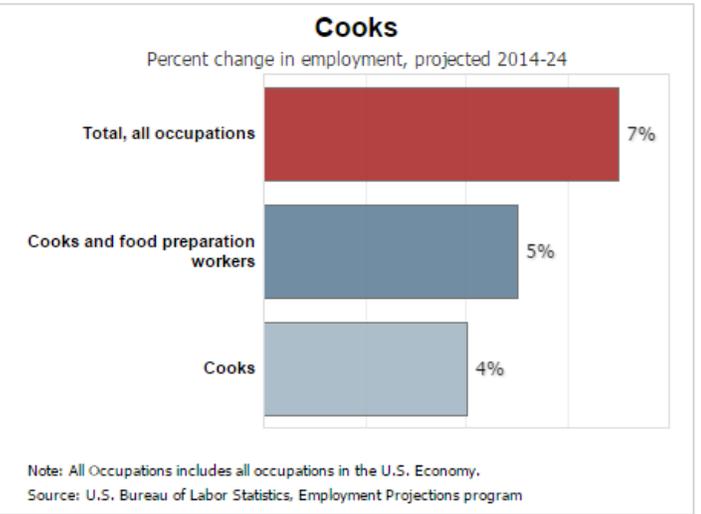
Population and income growth are expected to result in greater consumer demand for food at a variety of dining places. People will continue to eat out, buy takeout meals, or have food delivered. In response to increased consumer demand, more restaurants, cafeterias, and catering services will open and serve more meals. These establishments will require more cooks to prepare meals for customers.

In addition, consumers continue to prefer healthier foods and faster service in restaurants, grocery stores, and other dining venues. To prepare high quality meals at these places, many managers and chefs will require more experienced cooks, such as restaurant cooks, over short-order cooks.

Employment growth of fast food cooks will be limited as these establishments choose to hire other workers such as food preparation and serving workers, who can prepare and also serve food to customers.

Institution and cafeteria cooks are primarily employed in schools, nursing care facilities, government offices, and hospitals. Some of these facilities contract out their food service to food service operators, also known as food service companies. These companies will hire more institution and cafeteria cooks to prepare food in these establishments.

Job Prospects



Top Hiring Industries

Easiest way to get this is at the national level

Job Prospects

Overall job opportunities are expected to be very good as a result of employment growth and the need to replace workers who leave the occupation. Cooks with previous training and related work experience will have the best job prospects.

Those who can prepare more complex dishes will have the best job opportunities at restaurant chains, upscale restaurants, and hotels.

Employment projections data for cooks, 2014-24

Occupational Title	SOC Code	Employment, 2014	Projected Employment, 2024	Change, 2014-24		Employment by Industry
				Percent	Numeric	
Cooks	35-2010	2,290,800	2,387,800	4	97,000	[XLSX]
Cooks, fast food	35-2011	524,400	444,000	-15	-80,400	[XLSX]
Cooks, institution and cafeteria	35-2012	417,600	443,900	6	26,300	[XLSX]
Cooks, private household	35-2013	35,900	36,200	1	200	[XLSX]
Cooks, restaurant	35-2014	1,109,700	1,268,700	14	158,900	[XLSX]
Cooks, short order	35-2015	181,600	172,300	-5	-9,300	[XLSX]
Cooks, all other	35-2019	21,500	22,800	6	1,300	[XLSX]

SOURCE: U.S. Bureau of Labor Statistics, Employment Projections program

[-< Pay](#)

[State & Area Data ->](#)

SUGGESTED CITATION:

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2016-17 Edition, Cooks*, on the Internet at <http://www.bls.gov/ooh/food-preparation-and-serving/cooks.htm> (visited October 24, 2016).

Publish Date: Thursday, December 17, 2015

Top Hiring Industries

Employment by industry, occupation, and percent distribution, 2014 and projected 2024

35-2014 Cooks, restaurant

(Employment in thousands)

Industries with fewer than 50 jobs, confidential data, or poor quality data are not displayed

Industry			2014			2024			Percent change	Employment change	Industry type
Sort Order	Code	Title	Employment	Percent of industry	Percent of occupation	Employment	Percent of industry	Percent of occupation			
1	TE1000	Total employment	1,109.7	0.7	100.0	1,268.7	0.8	100.0	14.3	158.9	Summary
2	TE1200	Total wage and salary employment	1,109.7	0.8	100.0	1,268.7	0.8	100.0	14.3	158.9	Summary
70	720000	Accommodation and food services	1,055.4	8.4	95.1	1,209.8	9.0	95.4	14.6	154.4	Summary
75	722000	Food services and drinking places	991.6	9.3	89.4	1,141.1	10.0	89.9	15.1	149.5	Summary
78	722500	Restaurants and other eating places	959.0	9.9	86.4	1,107.0	10.7	87.3	15.4	148.1	Summary
79	722511	Full-service restaurants	884.1	17.5	79.7	1,020.5	19.3	80.4	15.4	136.4	Line item
71	721000	Accommodation	63.8	3.4	5.7	68.7	3.4	5.4	7.7	4.9	Summary
72	721100	Traveler accommodation	63.4	3.5	5.7	68.2	3.5	5.4	7.6	4.8	Summary
57	710000	Arts, entertainment, and recreation	31.9	1.5	2.9	35.3	1.6	2.8	10.8	3.4	Summary
65	713000	Amusement, gambling, and recreation industries	30.1	2.0	2.7	33.4	2.1	2.6	11.1	3.3	Summary
68	713900	Other amusement and recreation industries	23.1	1.9	2.1	25.4	2.0	2.0	10.3	2.4	Summary
77	722400	Drinking places (alcoholic beverages)	17.1	4.8	1.5	18.1	4.8	1.4	6.0	1.0	Line item
76	722300	Special food services	15.5	2.4	1.4	15.9	2.4	1.3	2.6	0.4	Line item
73	721120	Casino hotels	10.4	3.9	0.9	10.5	4.0	0.8	1.0	0.1	Line item
10	44-450	Retail trade	7.4	0.0	0.7	7.7	0.0	0.6	4.0	0.3	Summary
67	713200	Gambling industries (except casino hotels)	3.9	3.0	0.4	4.5	3.2	0.4	15.5	0.6	Line item
80	810000	Other services (except public administration)	5.6	0.1	0.5	5.7	0.1	0.4	1.8	0.1	Summary
84	813000	Religious, grantmaking, civic, professional, and similar organizations	5.5	0.2	0.5	5.6	0.2	0.4	1.6	0.1	Summary
85	8134-9	Civic, social, professional, and similar organizations	4.9	0.6	0.4	4.9	0.6	0.4	1.3	0.1	Summary
11	445000	Food and beverage stores	3.8	0.1	0.3	3.9	0.1	0.3	4.3	0.2	Summary
12	445100	Grocery stores	3.2	0.1	0.3	3.4	0.1	0.3	4.5	0.1	Line item
42	560000	Administrative and support and waste management and remediation services	4.0	0.0	0.4	4.4	0.0	0.3	8.7	0.4	Summary
43	561000	Administrative and support services	4.0	0.0	0.4	4.4	0.0	0.3	8.7	0.4	Summary
44	561300	Employment services	3.8	0.1	0.3	4.1	0.1	0.3	8.9	0.3	Summary
66	713100	Amusement parks and arcades	3.1	1.7	0.3	3.4	1.7	0.3	11.5	0.4	Line item
86	813400	Civic and social organizations	4.3	1.1	0.4	4.3	1.1	0.3	1.1	0.0	Line item
16	4445R0	Retail trade, except motor vehicle and parts dealers, food and beverage stores, and general merchandise stores	3.0	0.0	0.3	3.2	0.0	0.2	5.1	0.2	Summary
19	447000	Gasoline stations	1.9	0.2	0.2	2.0	0.2	0.2	4.1	0.1	Line item
45	561320	Temporary help services	1.9	0.1	0.2	2.2	0.1	0.2	17.2	0.3	Line item
69	713940	Fitness and recreational sports centers	2.9	0.5	0.3	3.1	0.5	0.2	8.8	0.3	Line item
4	31-330	Manufacturing	1.3	0.0	0.1	1.3	0.0	0.1	0.9	0.0	Summary
6	312000	Beverage and tobacco product manufacturing	0.7	0.3	0.1	0.7	0.4	0.1	2.8	0.0	Summary
7	312100	Beverage manufacturing	0.7	0.4	0.1	0.7	0.4	0.1	2.8	0.0	Line item
32	510000	Information	0.7	0.0	0.1	0.7	0.0	0.1	-0.8	0.0	Summary

Top Hiring Industries

White indicate occupations with high levels of employment percent change

Employment by industry, occupation, and percent distribution, 2014 and projected 2024

35-2014 Cooks, restaurant

(Employment in thousands)

Industries with fewer than 50 jobs, confidential data, or poor quality data are not displayed

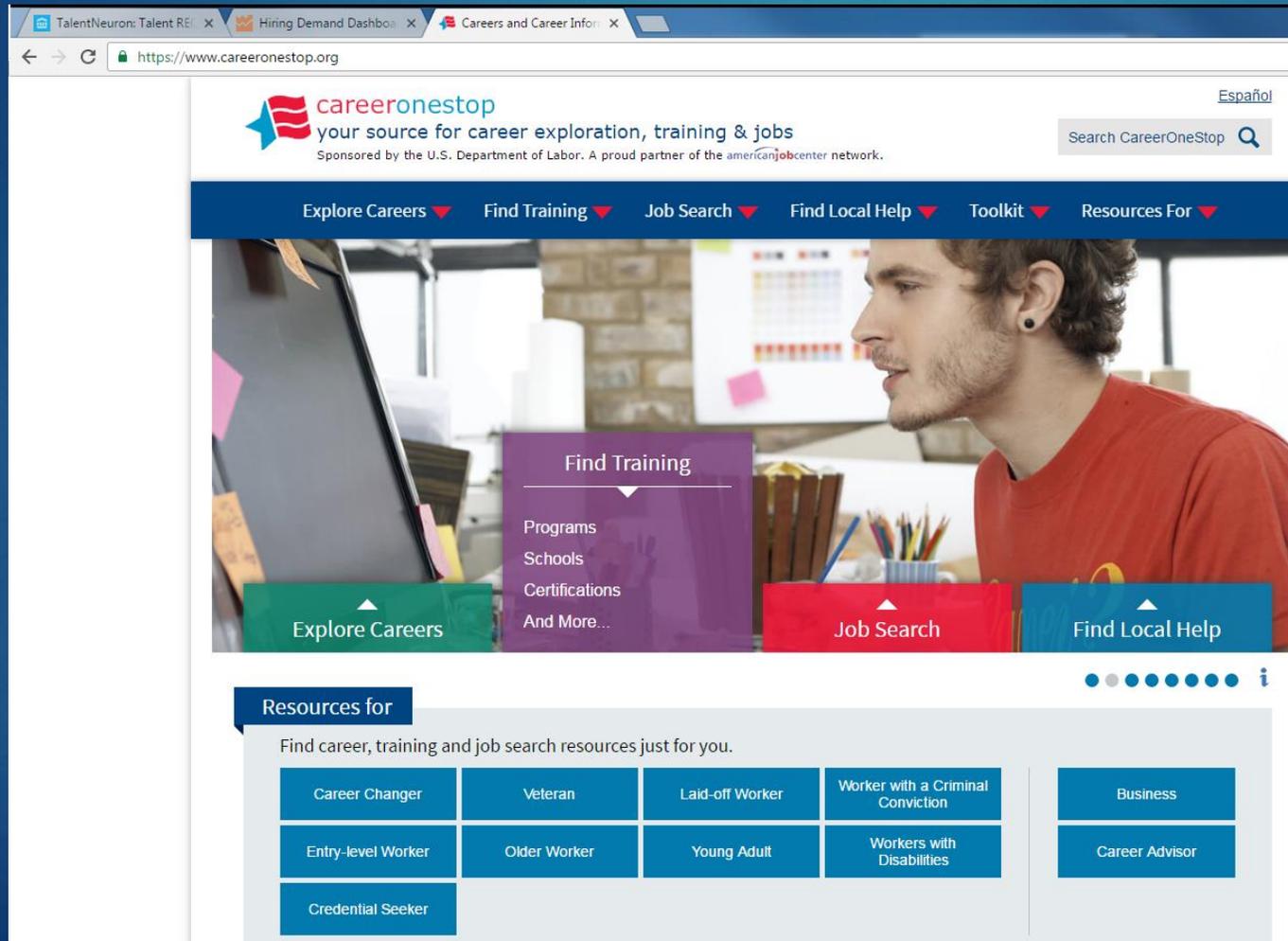
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Top Hiring Industries

White indicate occupations with high levels of employment percent change

Helpful indication of potentially longer term employment

Training and Educational Opportunities



The screenshot shows the CareerOneStop website interface. At the top, there are browser tabs for 'TalentNeuron: Talent REI', 'Hiring Demand Dashbo...', and 'Careers and Career Infor...'. The address bar shows 'https://www.careeronestop.org'. The main header features the CareerOneStop logo, the tagline 'your source for career exploration, training & jobs', and a search bar. Below the header is a navigation bar with links for 'Explore Careers', 'Find Training', 'Job Search', 'Find Local Help', 'Toolkit', and 'Resources For'. A large image of a man in a red shirt looking at a computer screen is overlaid with a 'Find Training' dropdown menu. The dropdown menu lists 'Programs', 'Schools', 'Certifications', and 'And More...'. Below the image are buttons for 'Explore Careers', 'Job Search', and 'Find Local Help'. At the bottom, there is a 'Resources for' section with a grid of buttons for various user groups: Career Changer, Veteran, Laid-off Worker, Worker with a Criminal Conviction, Business, Entry-level Worker, Older Worker, Young Adult, Workers with Disabilities, Career Advisor, and Credential Seeker.

careeronestop
your source for career exploration, training & jobs
Sponsored by the U.S. Department of Labor. A proud partner of the americanjobcenter network.

Search CareerOneStop

Explore Careers Find Training Job Search Find Local Help Toolkit Resources For

Find Training

- Programs
- Schools
- Certifications
- And More...

Explore Careers Job Search Find Local Help

Resources for

Find career, training and job search resources just for you.

Career Changer	Veteran	Laid-off Worker	Worker with a Criminal Conviction	Business
Entry-level Worker	Older Worker	Young Adult	Workers with Disabilities	Career Advisor
Credential Seeker				

Tools and Technology Finder [Help Page](#)

← New Search

Your Search

Keyword

Cooks, Restaurant

New Search by

Related Occupations

[Cooks, Fast Food](#)

[Bakers](#)

[Cooks, All Other](#)

[Cooks, Short Order](#)

[Cooks, Institution and Cafeteria](#)

[More ▼](#)

aboutthisdata:

Data here are provided by the U.S. Department of Labor's Occupational Information Network ([O*NET](#)).

Average Pay

Cooks, Restaurant

Find tools and technology used in occupations.

Search by tool, technology, or occupation

Cooks, Restaurant

Search 

Advanced Search 

We found 33 tools and technologies for **Cooks, Restaurant**.

Cooks, Restaurant Tools and Technology Profile

Tools

Commercial use blenders

- Blenders

Commercial use broilers

- Charbroilers

Commercial use convection ovens

- Convection ovens

Commercial use cutlery

- Boning knives
- Chefs' knives
- Paring knives

Commercial use deep fryers

- Fryers

Commercial use food grinders

Commercial use pasta cookers

- Pasta cookers

Commercial use pizza ovens

- Pizza ovens

Commercial use ranges

- Wok ranges

Commercial use rotisseries

- Rotisserie ovens

Commercial use smokers or smoke ovens

- Smoking cabinets

Commercial use steamers

- Food steamers

Cutting machines

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.

TalentNeuron: Talent RE x Hiring Demand Dashbo x Types of training | Caree x Local Training Finder x Certification Finder | Care x

https://www.careeronestop.org/toolkit/training/find-certifications.aspx?keyword=Cooks,%20Restaurant&location=&direct=0&persist=true&ajax=occ

Explore Careers Find Training Job Search Find Local Help Toolkit Resources For

Certification Finder

New Search

Find current certifications for your occupation or industry. Use the filters at left to refine your results.

Search by Certification Name, Organization, Industry or Occupation

Cooks, Restaurant Search

We found 43 certification(s) from 20 organization(s) for Cooks, Restaurant.

Certification Name	Certifying Organization	Type
Certified Culinarian C J M	American Culinary Federation, Inc.	Core
Certified Chef de Cuisine C M	American Culinary Federation, Inc.	Advanced
Certified Working Pastry Chef C M	American Culinary Federation, Inc.	Specialty
Certified Executive Pastry Chef C M N	American Culinary Federation, Inc.	Specialty
Certified Sous Chef C M N	American Culinary Federation, Inc.	Specialty
Certified Pastry Culinarian C J M	American Culinary Federation, Inc.	Specialty
Certified Decorator C M	Retail Bakers of America	Specialty
Certified National Appliance Service Technician - Cooking	International Society of Certified Electronics Technicians	Core

Your Search
Keyword
Cooks, Restaurant

New Search by

Related Occupations

- [Cooks, Fast Food](#)
- [Bakers](#)
- [Cooks, All Other](#)
- [Cooks, Short Order](#)
- [Cooks, Institution and Cafeteria](#)

Filter By

In Demand

- [Yes \(5\)](#)

Industry

- [Food Services and Drinking Places \(26\)](#)
- [Accommodation \(11\)](#)
- [Amusement, Gambling, and Recreation Industries \(7\)](#)
- [Educational Services \(6\)](#)
- [Special Food Services \(6\)](#)

More

Training and Educational Opportunities

Search helpful certifications for employment

Search by Occupation, School, or Program

Location

Cooks, Restaurant

CASA GRANDE,AZ

Search 

We found 6 training program(s) for **Cooks, Restaurant** in **CASA GRANDE,AZ**.

<u>School Name/Location</u> 	<u>Program Name</u> 	<u>Length / Graduates</u>
Central Arizona College Coolidge, AZ	Cooking and Related Culinary Arts, General	2 years / 2 At least one but less than two years / 13
Central Arizona College Coolidge, AZ	Baking and Pastry Arts/Baker/Pastry Chef	At least one but less than two years / 3
Central Arizona College Coolidge, AZ	Hospitality Administration/Management, General	2 years / 2 At least one but less than two years / 1
Central Arizona College Coolidge, AZ	Foods, Nutrition, and Wellness Studies, General	At least one but less than two years / 71 Less than one year / 4
Central Arizona College Coolidge, AZ	Dietetic Technician	2 years / 18
Central Arizona College Coolidge, AZ	Dietetics/Dietitian	At least one but less than two years / 5

Download 

Training and Educational Opportunities

Or look up related programs by location!

Search by Occupation, School, or Program

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Download 

Training and Educational Opportunities

Or look up related programs by location!

Questions?

At this point we should all have a completed occupation profile





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