

# 6

## Analyze Information about Occupations and Job Growth

### TRANSITION OBJECTIVE

Students will analyze trends in the education and salary levels of American workers.

### RELEVANCE TO SUCCESSFUL TRANSITION

In order to have a true sense of where we fit in as workers in our communities, we must know some facts about the education and salary levels of the American work force.

## INSTRUCTIONAL SEQUENCE

### ❑ STEP 1: Update Journal

I think I am like other American workers because . . .

### ❑ STEP 2: Convene Roundtable

"I will be part of the American work force when \_\_\_\_."

### ❑ STEP 3: Advance Organizer

"Today you will analyze information about the education and salary levels in American jobs."

question 1 together as a group. Have students work in pairs to answer question 2. Go over their answers.

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PERSONAL MANAGEMENT: Unit 2 LESSON 6

### Job Growth Discussion Guide

- Which jobs require the least amount of training or education?
- Which jobs have the lowest wages?
- Which job category has the highest wages?
- Which job requires the highest level of education?
- Which job has the greatest number of people working in 2014?
- Which job is predicted to have the greatest number of people working in 2024?
- What job category is predicted to grow the most?
- Which job is predicted to have the greatest number of people working and the highest pay in 2024?
- What is the relationship between training/education and level of wages?
- Why do you think some jobs are growing faster than others?

Bonus Points: Calculate the percentage of change for the number of people employed between 2014 and 2024 for two jobs in each of the three categories.

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

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PERSONAL MANAGEMENT: Unit 2 LESSON 5

### Occupation Growth Report

Occupations with the Largest Job Growth Expected by 2024\*

Job Title (in 2014)	Number Employed 2014	Number Employed 2024	Median Wage	Post-Secondary Education or Training
<b>Service &amp; Construction</b>				
Cook (Restaurant)	1,115,000	1,349,000	Very Low	Moderate-term On-the-Job Training
Massage Therapist	189,000	205,000	Medium	Post-secondary nondegree award
Medical Assistant	267,000	730,000	Low	Post-secondary nondegree award
Personal Care Aide	1,768,000	2,226,000	Very Low	Short-term On-the-Job Training
Refrigerator, Air Conditioning, and Mechanical Equipment Mechanics	532,000	382,000	Medium-high	HS Diploma & Long-term On-the-Job Training
Construction Laborers	1,159,000	1,387,000	Low	Short-term On-the-Job Training
Nonfarm Animal Caretaker	205,000	228,000	Very Low	HS Diploma & Short-term On-the-Job Training
Optician Dispensing	15,000	93,000	Low	HS Diploma & Long-term On-the-Job Training
<b>Business, Management, &amp; Office-Administrative Support</b>				
Management Analysts	453,000	487,000	Very High	Bachelor's Degree & Job Experience
Accountants and Auditors	1,333,000	1,475,000	High	Bachelor's Degree
Receptionists and Clerks	1,029,000	1,126,000	Low	HS Diploma & Short-term On-the-Job Training
Medical Secretary	528,000	636,000	Low	HS Diploma & Moderate-term On-the-Job Training
<b>Professional</b>				
Software Developer	174,000	354,000	Very High	Bachelor's Degree
Registered Nurses	2,751,000	3,180,000	High	Bachelor's Degree
Nurse Practitioner	457,000	1,122,000	Very High	Master's Degree
Elementary School and Middle School Teachers	719,000	857,000	Medium	Post-secondary nondegree award
Occupational Therapy Assistants	33,000	47,000	Medium	Associate Degree & License
Veterinary Technician	90,000	114,000	Low	Associate Degree

\*Adapted from the U.S. Department of Labor: <https://data.bls.gov/publications/occupations/>

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### ❑ STEP 4: Activity - 20 Minutes

Review handout **Occupation Growth Report**. Explain the three job categories: service, business, professional and the information in each column. For guided practice answer

### ❑ STEP 5: Activity - 25 Minutes

Using handout **Job Growth Discussion Guide** lead the whole class through answering questions 1 and 2. Have students work in groups of 3 to answer questions 3-10 for 10 minutes. Go over the questions with the class by having each group share at least one time. Give students time to answer the bonus question independently or in pairs.

### ❑ STEP 6: Evaluate Outcomes

One thing to consider when choosing a career is "\_\_\_\_\_."

**□ STEP 7: Connecting Activity**

Have students study definitions of the Key Words for a contest in which teams of three students compete for points by verbally defining the words. Each team member selects a number, 1-3. Each team is assigned a letter starting with A. To start, call a number so that each student with that number must

prepare to give the answer. After 30 seconds, call a team letter. If the student from that team does not answer correctly, call another team letter, repeating until someone gives the right answer. Keep score on the board giving one point for each right answer. To add excitement, increase the points earned and announce it before you give the word.

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**KEY WORDS**

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**occupation  
administration**

**management  
analysis**

**laborer  
projected**

**network  
auditor**

**median  
predict**

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**MATERIALS AND PREPARATION**

- Student Handouts: **Occupation Growth Report**, page 66; **Job Growth Discussion Guide**, page 67.
- Prepare explanations and examples for key words.
- Prepare screen images of handouts and plan for discussion of chart information.

**SCANS FOUNDATION SKILLS**

- Basic Academic Skills: Reading, Math
- Thinking Skills: Visualizing
- Personal Qualities: Sociability