

OCCUPATIONAL EMPLOYMENT REPORT OF  
COMPUTER AND ELECTRONIC PRODUCT  
MANUFACTURING (334000)

In Cooperation with the  
U.S. Department of Labor



Rev. July 2015

Form Approved  
O.M.B. No. 1220-0042

**What this report is about:** This form asks for information about the occupations and wages of the employees described in Item 3. Please complete Items 1 through 5 below. Next, please provide the information requested beginning on page 1 for the employees who received pay for the pay period that included the reference date printed in bold in Item 3. The instructions on pages ii and iii explain how to provide the requested information. For more on the OES program, including national, state, and metropolitan area employment and wage estimates by occupation, please see our website at <http://www.bls.gov/OES>.

**1** Which of the following options describes the status of the location(s) in Item 3 as of the reference date also printed in Item 3?

- ☐ Operating: Go to Item 2.
- ☐ Temporarily closed during the reference period: Report data only for employees paid for work during the reference period. If no employees worked for pay, report "0" in section 4 of this page and return the form in the reply envelope provided.
- ☐ Permanently out of business as of \_\_/\_\_/\_\_: Return the form to the address at the top.
- ☐ Sold or merged: Enter the new name and address below, then go to Item 2.

New Name: \_\_\_\_\_

New Address: \_\_\_\_\_

**2** Our records show that your main products or services are related to those listed below. If they are not, please list your main products or services on the lines provided and continue with the rest of the report.



**3** This form asks for information about the employees described below. Our estimate of employment for these employees appears at the top right corner of the label. *Please make any needed address corrections.*

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**4** How many employees, **both full and part-time**, worked at this location(s) during the pay period that included the reference date printed in Item 3?

Enter the number here...

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**Include**

- ♦ Full or part-time paid workers
- ♦ Workers on paid leave
- ♦ Workers assigned temporarily to other units
- ♦ Incorporated firms - paid owners, officers, and staff

**Do Not Include**

- ♦ Contractors and temporary agency employees not on your payroll
- ♦ Unpaid family workers
- ♦ Workers on unpaid leave
- ♦ Unincorporated firms - proprietors, owners, and partners
- ♦ Workers not covered by unemployment insurance

Do all employees reported above work at one location?

☐ Yes

☐ No... Enter number of locations

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**5** Please tell us who to contact if we have questions about your data.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Phone: \_\_\_\_\_ Date: \_\_\_\_\_

E-mail address: \_\_\_\_\_

FOR  
OFFICE  
USE ONLY

## Instructions for Reporting by Occupation

- Report employees in the occupations in which they are working, **not** necessarily in occupations for which they have been trained.

**For example:** An employee trained as an engineer, but working as a drafter, should be reported as a drafter.

- Report each employee only once in the occupation that requires the **highest** level of skill if the employee performs work in two or more occupations. If there is **no** measurable difference in skill requirements, report employees in the occupation in which they spend the **most** time.
- Use the description of duties along with the job titles to determine where to place employees. Do not rely on job titles alone.
- Report **apprentices** and **trainees** in the job for which they are being trained. Report **helpers** separately because they are not in training for the occupation they are helping.
- Report part-time workers in the job they perform.
- Professionals who directly supervise other workers in professional occupations should be classified in the same occupation as the workers they supervise. For example, a drafter that supervises other drafters is classified as a drafter.
- Workers in Service, Sales, Office and Administrative, Forestry and Farming, Production, Maintenance, and Transportation occupations who spend 80 percent or more of their time performing supervisory duties should be reported as supervisors. Workers with supervisory duties who spend less than 80 percent of their time supervising should be reported with the workers they supervise.

## Instructions for Reporting Wage Information

**For all employees:**

- Please use the hourly and annual wage rate categories to report employees. If wages are not recorded by hour or year (bi-weekly, or monthly for example), convert them into an hourly wage rate.
- For part-time workers, please report the specific hourly wage rate, not an average.
- For tip, commission, and piece-rate workers, please estimate the earnings (base pay plus tips, commissions, or piece rates), and report the appropriate wage.
- For salaried workers who do not work a standard 2080 hours per year (40 hours per week), please report wages on an hourly basis. For workers who are paid an annual salary by contract, such as Airline Pilots, report their annual salary.
- Include and/or exclude from pay as follows:

Include as pay
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- Base Rate
- Commissions
- Cost-of-Living Allowance
- Deadheading Pay
- Guaranteed Pay
- Hazard Pay
- Incentive Pay
- Longevity Pay
- Piece Rate
- Portal-to-Portal Rate
- Production Bonus
- Tips

Exclude as pay
----------------

- |                         |                          |
|-------------------------|--------------------------|
| • Attendance Bonus      | • Perquisites            |
| • Back Pay              | • Profit Sharing Payment |
| • Draw                  | • Relocation Allowance   |
| • Holiday Bonus         | • Severance Pay          |
| • Holiday Premium Pay   | • Shift Differential     |
| • Jury Duty Pay         | • Stock Bonuses          |
| • Lodging Payments      | • Tool Allowance         |
| • Meal Payments         | • Tuition Repayments     |
| • Merchandise Discounts | • Uniform Allowance      |
| • Nonproduction Bonus   | • Weekend Pay            |
| • On-call Pay           |                          |
| • Overtime Pay          |                          |

The Bureau of Labor Statistics, its employees, agents, and partner statistical agencies, will use the information you provide for statistical purposes only and will hold the information in confidence to the full extent permitted by law. In accordance with the Confidential Information Protection and Statistical Efficiency Act of 2002 (Title 5 of Public Law 107-347) and other applicable Federal laws, your responses will not be disclosed in identifiable form without your informed consent. This report is authorized by law, 29 U.S.C. §2. Your voluntary cooperation is needed to make the results of this report comprehensive, accurate, and timely.

\*We estimate that it will vary from 30 minutes to 6 hours to complete this report, depending on such factors as the size of the establishment. This includes time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this information. If you have any comments regarding these estimates or any other aspects of this report, including suggestions for reducing this burden, send them to the U.S. Bureau of Labor Statistics, Division of Occupational Employment Statistics (1220-0042), 2 Massachusetts Avenue NE, Suite 2135, Washington, DC 20212. Please do not return your questionnaire to this address. Use the enclosed preaddressed envelope or the address provided at the top of the first page to return your completed questionnaire. You do not have to complete this questionnaire if it does not display a currently valid OMB control number.

## Instructions for Completing the Report

On the following pages you will find the Occupational Employment Report. Please refer to the example below and the guidelines on page ii for instructions on how to complete the form. If you have employees whose occupations are not found in the list provided, please use the supplemental pages at the end of this report. Please write each unique occupational title on a separate line along with a short description of duties, the number of employees in each wage category, and the total employment for each occupation.

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
<b>Accountants and Auditors</b> - Examine, analyze, and interpret accounting records for the purpose of giving advice or preparing statements.				1	2	3								6
13-2011														

**1** For each occupation listed, read the definition to determine which occupations are found in your establishment.

**2** For each occupation that is found in your establishment, write in the number of workers in this occupation, based on their wages.

For example, there are six Accountants in your establishment. One is part-time, working 20 hours a week, and earns \$12,480 per year; and five are full-time: two earn \$32,000 per year, and three earn \$46,000. Calculate an hourly wage for the part-time worker by dividing the annual wage by the number of hours worked; 20 hrs x 52 weeks = 1040 hrs/yr, \$12480/1040 hrs = \$12/hr. Write "1" in column C. For the full-time workers, use their annual wage: write "2" in column D and "3" in column E.

**3** Add up the total number of workers in this occupation and write the figure in the Total Employment column, making sure the total agrees with your records.

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment

## Management Occupations

(Managers in this section generally have other managers/supervisors reporting to them.)

<b>Chief Executives -</b> Formulate policies and provide overall direction of private and public organizations within guidelines set up by a board of directors or other governing body. Plan, direct, or coordinate operational activities with the help of subordinate executives and managers.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-1011													
<b>General and Operations Managers -</b> Plan, direct, or coordinate the operations of public or private organizations. Responsibilities include formulating policies, managing daily operations, and planning the use of materials and human resources, but are too general to be classified in any one functional area of management or administration. Excludes First-Line Supervisors.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-1021													
<b>Marketing Managers -</b> Plan, direct, or coordinate marketing for products and services offered by a firm and identify potential customers. Develop pricing strategies with the goal of maximizing the firm's profits or share of the market while ensuring the firm's customers are satisfied. Oversee product development or monitor trends that indicate the need for new products and services.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-2021													
<b>Sales Managers -</b> Plan, direct, or coordinate the distribution of a product or service to the customer. Establish sales territories, quotas, goals, and training programs for sales representatives. Analyze sales statistics to determine sales potential and inventory requirements and to monitor the preferences of customers.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-2022													
<b>Administrative Services Managers -</b> Plan, direct, or coordinate one or more administrative services of an organization, such as records and information management, mail distribution, facilities planning and maintenance, and other support services. Medical records administrators are included in "Medical and Health Services Managers." Excludes "Purchasing Managers."	A	B	C	D	E	F	G	H	I	J	K	L	T
11-3011													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total Employment
Hourly (part-time or full-time)														
Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over		
<b>Computer and Information Systems Managers -</b> Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.		A	B	C	D	E	F	G	H	I	J	K	L	T
11-3021														
<b>Financial Managers -</b> Plan, direct, or coordinate accounting, investing, banking, insurance, securities, and other financial activities of a branch, office, or department of an establishment.		A	B	C	D	E	F	G	H	I	J	K	L	T
11-3031														
<b>Industrial Production Managers -</b> Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.		A	B	C	D	E	F	G	H	I	J	K	L	T
11-3051														
<b>Purchasing Managers -</b> Plan, direct, or coordinate the activities of buyers and related workers involved in purchasing materials, products, and services. Includes wholesale or retail trade merchandising managers and procurement managers.		A	B	C	D	E	F	G	H	I	J	K	L	T
11-3061														
<b>Human Resources Managers -</b> Plan, direct, or coordinate human resources activities and staff of an organization. Excludes managers who primarily focus on compensation and benefits or training and development.		A	B	C	D	E	F	G	H	I	J	K	L	T
11-3121														
<b>Architectural and Engineering Managers -</b> Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields. Excludes "Natural Sciences Managers."		A	B	C	D	E	F	G	H	I	J	K	L	T
11-9041														
<b>Business and Financial Operations Occupations</b>														
<b>Purchasing Agents, Except Wholesale, Retail, and Farm Products -</b> Purchase machinery, equipment, tools, parts, supplies, or services necessary for the operation of an establishment. Purchase raw or semi-finished materials for manufacturing.		A	B	C	D	E	F	G	H	I	J	K	L	T
13-1023														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total
Hourly (part-time or full-time)														Employment
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	
<b>Logisticians -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Analyze and coordinate the logistical functions of a firm or organization. Responsible for the entire life cycle of a product, including acquisition, distribution, delivery, and final disposal of resources. Excludes "Transportation, Storage, and Distribution Managers."														
13-1081														
<b>Management Analysts -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Conduct organizational evaluations, design systems procedures, conduct work simplification and measurement studies, and prepare operations and procedures manuals to assist management in operating more efficiently and effectively. Includes program analysts and management consultants. Excludes "Operations Research Analysts."														
13-1111														
<b>Compensation, Benefits, and Job Analysis Specialists -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Conduct programs of compensation and benefits and job analysis for employer. May specialize in specific areas, such as position classification and pension programs.														
13-1141														
<b>Training and Development Specialists -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Design and conduct training and development programs to improve individual and organizational performance. May analyze training needs.														
13-1151														
<b>Market Research Analysts and Marketing Specialists -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Research local, regional, or national market conditions to determine potential sales of a product or service, or create a marketing campaign. May gather information on competitors, prices, sales, and marketing methods. May use survey results to create a marketing campaign based on regional preferences and buying habits.														
13-1161														
<b>Accountants and Auditors -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Analyze and interpret accounting records to prepare financial statements, give advice, or audit and evaluate statements prepared by others. Install or advise on systems of recording costs or other financial and budgetary data. Excludes "Tax Examiners and Collectors, and Revenue Agents."														
13-2011														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
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		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
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Financial Analysts -  Conduct quantitative analyses of information affecting investment programs of public or private institutions.		A	B	C	D	E	F	G	H	I	J	K	L	T
		13-2051												

## Computer and Mathematical Occupations

<b>Computer Systems Analysts -</b> Analyze data processing problems to improve computer systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations. May analyze or suggest commercially available software.		A	B	C	D	E	F	G	H	I	J	K	L	T
	<b>15-1121</b>													
<b>Computer Programmers -</b> Create, modify, and test computer applications code, forms, and script. Work from specifications drawn up by software developers or others. May analyze user needs and design software solutions. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.		A	B	C	D	E	F	G	H	I	J	K	L	T
	<b>15-1131</b>													
<b>Software Developers, Applications -</b> Develop, create, and modify computer applications software. Analyze user needs and develop software solutions. Design or customize software with the aim of optimizing efficiency. May analyze and design databases within an application area. May supervise computer programmers.		A	B	C	D	E	F	G	H	I	J	K	L	T
	<b>15-1132</b>													
<b>Software Developers, Systems Software -</b> Research, design, develop, and test operating systems-level software, compilers, and network distribution software. Set operational specifications and formulate and analyze software requirements. May design embedded systems software.		A	B	C	D	E	F	G	H	I	J	K	L	T
	<b>15-1133</b>													
<b>Web Developers -</b> Design, create, and modify Web sites. Analyze user needs to implement Web site content, graphics, performance, and capacity. May integrate Web sites with computer applications. Convert written, graphic, audio, and video components to compatible Web formats. Excludes "Multimedia Artists and Animators."		A	B	C	D	E	F	G	H	I	J	K	L	T
	<b>15-1134</b>													



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	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total Employment
<b>Hourly (part-time or full-time)</b> <b>Annual Salary (full-time only)</b>	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	
<b>Network and Computer Systems Administrators -</b> Install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet systems or segment of a network system. Ensure network availability. May monitor and test Web site performance. May assist in network modeling, analysis, planning, and coordination between network and data communications hardware and software. May supervise computer user support specialists and computer network support specialists. May administer network security measures.	A	B	C	D	E	F	G	H	I	J	K	L	T
15-1142													
<b>Computer Network Architects -</b> Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning. May also design network and computer security measures.	A	B	C	D	E	F	G	H	I	J	K	L	T
15-1143													
<b>Computer User Support Specialists -</b> Provide technical assistance to computer users. Answer questions or resolve computer problems in person, via telephone, or electronically. May provide assistance concerning computer hardware and software use.	A	B	C	D	E	F	G	H	I	J	K	L	T
15-1151													
<b>Computer Network Support Specialists -</b> Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems or a segment of a network system. Perform network maintenance to ensure correct operation with minimal interruption.	A	B	C	D	E	F	G	H	I	J	K	L	T
15-1152													
<b>Architecture and Engineering Occupations</b>													
<b>Aerospace Engineers -</b> Perform engineering duties in designing, constructing, and testing aircraft, missiles, and spacecraft. May conduct basic and applied research to evaluate adaptability of materials and equipment to aircraft design and manufacture. May recommend improvements in testing equipment and techniques.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2011													



OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
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		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total Employment
Hourly (part-time or full-time)														
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	
<b>Biomedical Engineers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Apply knowledge of engineering, biology, and biomechanical principles to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, instrumentation, medical information systems, and heath management and care delivery systems.														
17-2031														
<b>Computer Hardware Engineers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Research, design, develop, or test computer or related equipment for commercial, industrial, military, or scientific use. May supervise the manufacturing and installation of computer or related equipment and components.														
17-2061														
<b>Electrical Engineers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use. Excludes "Computer Hardware Engineers."														
17-2071														
<b>Electronics Engineers, Except Computer -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Research, design, develop, or test electronic components and systems for commercial, industrial, military, or scientific use employing knowledge of electronic theory and materials properties. Design electronic circuits and components for use in fields such as telecommunications, aerospace guidance and propulsion control, acoustics, or instruments and controls. Excludes "Computer Hardware Engineers."														
17-2072														
<b>Industrial Engineers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, and cost analysis. Excludes "Health and Safety Engineers, Except Mining Safety Engineers and Inspectors."														
17-2112														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
<b>Materials Engineers -</b> Evaluate and develop machinery and processes to manufacture materials for use in products with specialized design and performance specifications. Develop new uses for known materials. Includes engineers working with composite materials or specializing in one type of material, such as graphite, metals, polymers, naturally occurring materials. Includes metallurgists and metallurgical engineers, ceramic engineers, and welding engineers.		A	B	C	D	E	F	G	H	I	J	K	L	T
17-2131														
<b>Mechanical Engineers -</b> Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.		A	B	C	D	E	F	G	H	I	J	K	L	T
17-2141														
<b>Electrical and Electronics Drafters -</b> Prepare wiring diagrams, circuit board assembly diagrams, and layout drawings used for the manufacture, installation, or repair of electrical equipment.		A	B	C	D	E	F	G	H	I	J	K	L	T
17-3012														
<b>Mechanical Drafters -</b> Prepare detailed working diagrams of machinery and mechanical devices, including dimensions, fastening methods, and other engineering information.		A	B	C	D	E	F	G	H	I	J	K	L	T
17-3013														
<b>Aerospace Engineering and Operations Technicians -</b> Operate, install, calibrate, and maintain integrated computer/communications systems, consoles, simulators, and other instruments and equipment used to launch, track, position, and evaluate air and space vehicles. May record and interpret test data.		A	B	C	D	E	F	G	H	I	J	K	L	T
17-3021														
<b>Electrical and Electronic Engineering Technicians -</b> Apply electrical and electronic theory and related knowledge, usually under the direction of engineering staff, to design, build, repair, calibrate, and modify electrical components, circuitry, controls, and machinery. Excludes "Broadcast Technicians."		A	B	C	D	E	F	G	H	I	J	K	L	T
17-3023														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
<b>Electro-Mechanical Technicians -</b> Operate, test, maintain, or calibrate unmanned, automated, servo-mechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment at worksites, such as oil rigs, deep ocean exploration, or hazardous waste removal.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>17-3024</b>														
<b>Industrial Engineering Technicians -</b> Apply engineering principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff. May perform time and motion studies on worker operations to establish standard production rates or improve efficiency.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>17-3026</b>														
<b>Mechanical Engineering Technicians -</b> Apply theory and principles of mechanical engineering to modify, develop, test, or calibrate machinery and equipment under direction of engineering staff or physical scientists.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>17-3027</b>														
<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>														
<b>Graphic Designers -</b> Design or create graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. May use a variety of mediums.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>27-1024</b>														
<b>Public Relations Specialists -</b> Engage in promoting or creating an intended public image for individuals, groups, or organizations. May write or select material for release to various communications media.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>27-3031</b>														
<b>Technical Writers -</b> Write technical materials, such as equipment manuals, appendices, or operating and maintenance instructions. May assist in layout work.		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
<b>27-3042</b>														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over		

### Building and Grounds Cleaning and Maintenance Occupations

<b>Janitors and Cleaners, Except Maids and Housekeeping Cleaners -</b> Keep buildings in clean and orderly condition. Perform heavy cleaning duties. Duties may include tending furnace and boiler, performing routine maintenance activities, notifying management of need for repairs, and cleaning snow or debris from sidewalk.	A	B	C	D	E	F	G	H	I	J	K	L	T
37-2011													

### Sales and Related Occupations

<b>First-Line Supervisors of Non-Retail Sales Workers -</b> Directly supervise and coordinate activities of sales workers other than retail sales workers. May perform duties, such as budgeting, accounting, and personnel work, in addition to supervisory duties.	A	B	C	D	E	F	G	H	I	J	K	L	T
41-1012													

<b>Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products -</b> Sell goods for wholesalers or manufacturers where technical or scientific knowledge is required in such areas as biology, engineering, chemistry, and electronics, normally obtained from at least 2 years of post-secondary education. Excludes "Sales Engineers."	A	B	C	D	E	F	G	H	I	J	K	L	T
41-4011													

<b>Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products -</b> Sell goods for wholesalers or manufacturers to businesses or groups of individuals. Work requires substantial knowledge of items sold.	A	B	C	D	E	F	G	H	I	J	K	L	T
41-4012													

<b>Sales Engineers -</b> Sell business goods or services, the selling of which requires a technical background equivalent to a baccalaureate degree in engineering. Excludes engineers whose primary function is not marketing or sales.	A	B	C	D	E	F	G	H	I	J	K	L	T
41-9031													

### Office and Administrative Support Occupations

<b>First-Line Supervisors of Office and Administrative Support Workers -</b> Directly supervise and coordinate the activities of clerical and administrative support workers.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-1011													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
<b>Bookkeeping, Accounting, and Auditing Clerks -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Compute, classify, and record data to keep financial records complete. Perform routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records. May also check the accuracy of figures, calculations, and postings pertaining to business transactions recorded by other workers. Excludes "Payroll and Timekeeping Clerks."														
43-3031														
<b>Payroll and Timekeeping Clerks -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Compile and record employee time and payroll data. May compute employees' time worked, production, and commission. May compute and post wages and deductions, or prepare paychecks.														
43-3051														
<b>Procurement Clerks -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Compile information and records to draw up purchase orders for procurement of materials and services.														
43-3061														
<b>Customer Service Representatives -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. Excludes individuals whose duties are primarily installation, sales, or repair.														
43-4051														
<b>Order Clerks -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Receive and process incoming orders for materials, merchandise, classified ads, or services such as repairs, installations, or facility rental. Inform customers of receipt, prices, shipping dates, and delays, prepare contracts, and handle complaints. Excludes dispatchers who both dispatch and take orders for services.														
43-4151														
<b>Human Resources Assistants, Except Payroll and Timekeeping -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Compile and keep personnel records. May prepare reports for employment records, file employment records, or search employee files and furnish information to authorized persons.														
43-4161														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total Employment
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	
<b>Receptionists and Information Clerks -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Answer inquiries and provide information regarding activities conducted at establishment and location of departments, offices, and employees within the organization. Excludes "Switchboard Operators, Including Answering Service."														
43-4171														
<b>Production, Planning, and Expediting Clerks -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule. Excludes "Weighers, Measurers, Checkers, and Samplers, Recordkeeping."														
43-5061														
<b>Shipping, Receiving, and Traffic Clerks -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Verify and maintain records on incoming and outgoing shipments. Prepare items for shipment. Assemble, address, stamp, and ship merchandise or material; receive, unpack, verify and record incoming merchandise or material; and arrange for the transportation of products. Excludes "Stock Clerks and Order Fillers."														
43-5071														
<b>Stock Clerks and Order Fillers -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Receive, store, and issue sales floor merchandise, materials, equipment, and other items from stockroom, warehouse, or storage yard to fill shelves, racks, tables, or customers' orders. May mark prices on merchandise and set up sales displays. Excludes "Shipping, Receiving, and Traffic Clerks."														
43-5081														
<b>Executive Secretaries and Executive Administrative Assistants -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Provide high-level administrative support. Conduct research, prepare statistical reports, handle information requests, and perform clerical functions such as preparing correspondence, receiving visitors, arranging conference calls, and scheduling meetings. May also train and supervise lower-level clerical staff.														
43-6011														
<b>Secretaries and Administrative Assistants, Except Legal, Medical, and Executive -</b>		<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>	<b>T</b>
Perform routine clerical and administrative functions such as drafting correspondence, scheduling appointments, organizing and maintaining files, or providing information to callers.														
43-6014														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)													
		A	B	C	D	E	F	G	H	I	J	K	L	T	
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total
		Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
Office Clerks, General -  Perform duties too varied and diverse to be classified in any specific clerical occupation, requiring knowledge of office systems and procedures. Duties may include a combination of answering telephones, bookkeeping, typing or word processing, stenography, office machine operation, and filing.			A	B	C	D	E	F	G	H	I	J	K	L	T
		43-9061													

## Installation, Maintenance, and Repair Occupations

<b>First-Line Supervisors of Mechanics, Installers, and Repairers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Directly supervise and coordinate the activities of mechanics, installers, and repairers. Excludes team or work leaders.														
	49-1011													
<b>Electrical and Electronics Repairers, Commercial and Industrial Equipment -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Repair, test, adjust, or install electronic equipment, such as industrial controls, transmitters, and antennas.														
	49-2094													
<b>Industrial Machinery Mechanics -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems. Excludes "Millwrights" and "Maintenance Workers, Machinery."														
	49-9041													
<b>Maintenance and Repair Workers, General -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Perform work involving the skills of two or more maintenance occupations to keep machines, mechanical equipment, or the structure of an establishment in repair. Duties may involve pipe fitting; boiler making; insulating; welding; machining; carpentry; repairing electrical or mechanical equipment; installing, aligning, and balancing equipment; and repairing buildings, floors, or stairs.														
	49-9071													

## Production Occupations

<b>First-Line Supervisors of Production and Operating Workers -</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
Directly supervise and coordinate the activities of production and operating workers. Excludes team or work leaders.														
	51-1011													



OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total Employment
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	
<b>Coil Winders, Tapers, and Finishers -</b> Wind wire coils used in electrical components, such as resistors and transformers, and in electrical equipment and instruments, such as field cores, armature cores, electrical motors, generators, and control equipment. <b>51-2021</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Electrical and Electronic Equipment Assemblers -</b> Assemble or modify electrical or electronic equipment, such as computers, test equipment telemetering systems, electric motors, and batteries. <b>51-2022</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Electromechanical Equipment Assemblers -</b> Assemble or modify electromechanical equipment or devices, such as servomechanisms, gyros, dynamometers, magnetic drums, tape drives, brakes, control linkage, actuators, and appliances. <b>51-2023</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Team Assemblers -</b> Work as part of a team that assembles an entire product or component of a product. Team assemblers perform all tasks conducted by the team in the assembly process and rotate through all or most of them rather than being assigned to a specific task on a permanent basis. May participate in making management decisions affecting the work. Assemblers who continuously perform the same task are classified elsewhere in 51-2000. <b>51-2092</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Computer-Controlled Machine Tool Operators, Metal and Plastic -</b> Operate computer-controlled machines or robots to perform one or more machine functions on metal or plastic work pieces. <b>51-4011</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic -</b> Set up, operate, or tend machines to saw, cut, shear, slit, punch, crimp, notch, bend, or straighten metal or plastic material. <b>51-4031</b>		A	B	C	D	E	F	G	H	I	J	K	L	T
<b>Machinists -</b> Set up and operate a variety of tools to produce precision parts and instruments. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines. <b>51-4041</b>		A	B	C	D	E	F	G	H	I	J	K	L	T

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total
Annual Salary (full-time only)		under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment
<b>Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic -</b>  Set up, operate, or tend molding, casting, or coremaking machines to mold or cast metal or thermoplastic parts or products.		A	B	C	D	E	F	G	H	I	J	K	L	T
		51-4072												
<b>Welders, Cutters, Solderers, and Brazers -</b>  Use hand-welding, flame-cutting, hand soldering, or brazing equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.		A	B	C	D	E	F	G	H	I	J	K	L	T
		51-4121												
<b>Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic -</b>  Set up, operate, or tend plating or coating machines to coat metal or plastic products with metal to protect or decorate surfaces. Includes electrolytic processes.		A	B	C	D	E	F	G	H	I	J	K	L	T
		51-4193												
<b>Inspectors, Testers, Sorters, Samplers, and Weighers -</b>  Inspect, test, sort, sample, or weigh nonagricultural raw materials or processed, machined, fabricated, or assembled parts or products for defects, wear, and deviations from specifications. May use precision measuring instruments and complex test equipment.		A	B	C	D	E	F	G	H	I	J	K	L	T
		51-9061												
<b>Semiconductor Processors -</b>  Perform any of the following functions in the manufacture of electronic semiconductors: load semiconductor material into furnace; saw ingots into segments; load segment into crystal growing chamber and monitor controls; locate crystal axis in ingot using x-ray equipment and saw ingots into wafers; and clean, polish, and load wafers into series of special purpose furnaces, chemical baths, and equipment used to form circuitry and change conductive properties.		A	B	C	D	E	F	G	H	I	J	K	L	T
		51-9141												

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over		
Helpers--Production Workers - Help production workers by performing duties requiring less skill. Supply or hold materials or tools, and clean work area and equipment. Apprentice workers are classified in the appropriate production occupations.		A	B	C	D	E	F	G	H	I	J	K	L	T
51-9198														
Transportation and Material Moving Occupations														
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand - Directly supervise and coordinate the activities of helpers, laborers, or material movers.		A	B	C	D	E	F	G	H	I	J	K	L	T
53-1021														
Laborers and Freight, Stock, and Material Movers, Hand - Manually move freight, stock, or other materials or perform other general labor. Includes all manual laborers not elsewhere classified. Excludes material moving workers who use power equipment.		A	B	C	D	E	F	G	H	I	J	K	L	T
53-7062														
Machine Feeders and Offbearers - Feed materials into or remove materials from machines or equipment that is automatic or tended by other workers.		A	B	C	D	E	F	G	H	I	J	K	L	T
53-7063														
Packers and Packagers, Hand - Pack or package by hand a wide variety of products and materials.		A	B	C	D	E	F	G	H	I	J	K	L	T
53-7064														
Subtotal Employment														T

## Instructions for Completing the Supplemental Page

Please use these supplemental pages to report employees whose occupations were not found on the preceding pages. Please write in each unique occupational title, a short description of duties, the number of employees found in each wage column, and the total employment for each occupation. Refer to pages ii and iii for detailed instructions on how to report by occupation, how to determine wages, and how to complete the report.

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES	NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)													
	A	B	C	D	E	F	G	H	I	J	K	L	T	
	Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over	Total  Employment
	Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

FOR OFFICE USE ONLY	FIPS	Schedule Number	NAICS Code	Unit Total Employment	Reviewed By	Date Reviewed	Subtotal Employment - this page	
							Total Employment identified on this form	

## Instructions for Completing the Supplemental Page

Please use these supplemental pages to report employees whose occupations were not found on the preceding pages. Please write in each unique occupational title, a short description of duties, the number of employees found in each wage column, and the total employment for each occupation. Refer to pages ii and iii for detailed instructions on how to report by occupation, how to determine wages, and how to complete the report. If you need additional space to report the workers in your establishment, please photocopy this page.

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
		A	B	C	D	E	F	G	H	I	J	K	L	T
		Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.74	\$11.75 - 14.74	\$14.75 - 18.74	\$18.75 - 23.99	\$24.00 - 30.24	\$30.25 - 38.49	\$38.50 - 48.99	\$49.00 - 61.99	\$62.00 - 78.74	\$78.75 - 99.99	\$100.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 24,439	\$24,440 - 30,679	\$30,680 - 38,999	\$39,000 - 49,919	\$49,920 - 62,919	\$62,920 - 80,079	\$80,080 - 101,919	\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999	\$208,000 and over	Employment	

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

A	B	C	D	E	F	G	H	I	J	K	L	T

FOR OFFICE USE ONLY	FIPS	Schedule Number	NAICS Code	Unit Total Employment	Reviewed By	Date Reviewed	Subtotal Employment - this page	
							Total Employment identified on this form	