

**OCCUPATIONAL EMPLOYMENT REPORT
OF PETROLEUM AND COAL
PRODUCTS MANUFACTURING (324000)**

**In Cooperation with the
U.S. Department of Labor**



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

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

- 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.*

- 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...

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

Do all employees reported above work at one location?

Yes No...Enter number of locations

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

Name: _____
Title: _____
Phone: (____) _____ - _____ Ext. _____ Date: _____
E-mail address: _____

FOR
OFFICE
USE ONLY

Instructions for Reporting by Occupation

Report **part-time workers** in the job they perform.

Report **apprentices** in the job for which they are being trained.

Report employees in the following ways:

- Use the description of duties along with the job titles to determine where to place employees. Do not rely on job titles alone.
- 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.
- Professionals who directly supervise other workers in professional occupations should be classified in the same occupation as the workers they supervise. For example, an economist that supervises other economists is classified as an economist.

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

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

Exclude as pay

- Attendance Bonus
- Back Pay
- Draw
- Holiday Premium Pay
- Jury Duty Pay
- Lodging Payments
- Meal Payments
- Merchandise Discounts
- Nonproduction Bonus (e.g., Holiday Bonus)
- Overtime Pay
- Perquisites
- Profit Sharing Payment
- Relocation Allowance
- Tuition Repayments
- Severance Pay
- Shift Differential
- Stock Bonuses
- Tool Allowance
- Vacation Pay
- Weekend Pay
- Uniform Allowance
- On-call 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)													TOTAL EMPLOYMENT
	A	B	C	D	E	F	G	H	I	J	K	L	T	
	Hourly (part-time or full-time) under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over		
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over		
Accountants and Auditors - Examine, analyze, and interpret accounting records for the purpose of giving advice or preparing statements. 13-2011			1	2	3									6

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Management Occupations

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

Chief Executives - Determine and formulate policies and provide the overall direction of companies or private and public sector organizations within the guidelines set up by a board of directors or similar governing body.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-1011													

General and Operations Managers - Plan, direct, or coordinate the operations of companies or public and private sector organizations. Duties include formulating policies, managing daily operations, and planning the use of materials and human resources, but are too diverse in nature to be classified in any one functional area of management or administration.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-1021													

Marketing Managers - Determine the demand for products and services offered by a firm and its competitors and identify potential customers. Develop pricing strategies with the goal of maximizing the firm's profits or share of the market.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-2021													

Sales Managers - (Customer Service Manager) Direct the distribution of a product or service to the customer by establishing sales territories, quotas, and goals. Analyze sales statistics gathered by staff to determine sales potential and inventory requirements and monitor the preferences of customers.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-2022													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Financial Managers - <i>(Controller)</i> Plan, direct, and 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													

Industrial Production Managers - <i>(Quality Control Manager)</i> 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													

Purchasing Managers - Plan, direct, or coordinate the activities of buyers, purchasing officers, and related workers involved in purchasing materials, products, and services.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-3061													

Transportation, Storage, and Distribution Managers - <i>(Logistics Manager)</i> Plan, direct, or coordinate transportation, storage, or distribution activities in accordance with governmental policies and regulations.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-3071													

Engineering Managers - Plan, direct, or coordinate activities in such fields as architecture and engineering or research and development in these fields.	A	B	C	D	E	F	G	H	I	J	K	L	T
11-9041													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Business and Financial Operations Occupations

Purchasing Agents, Except Wholesale, Retail, and Farm Products - Purchase machinery, equipment, tools, parts, supplies, or services necessary for the operation of an establishment. Purchase raw or semi-finished materials for manufacturing. Include contract specialists, field contractors, purchasers, price analysts, tooling coordinators, and media buyers.	A	B	C	D	E	F	G	H	I	J	K	L	T
13-1023													

Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation - Examine, evaluate, and investigate eligibility for or conformity with laws and regulations governing contract compliance of licenses and permits, and other compliance and enforcement inspection activities not classified elsewhere.	A	B	C	D	E	F	G	H	I	J	K	L	T
13-1041													

Training and Development Specialists - Conduct training and development programs for employees.	A	B	C	D	E	F	G	H	I	J	K	L	T
13-1073													

Accountants and Auditors - Examine, analyze, and interpret accounting records for the purpose of giving advice or preparing statements. Install or advise on systems of recording costs or other financial and budgetary data.	A	B	C	D	E	F	G	H	I	J	K	L	T
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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	Total Employment
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Computer and Mathematical Occupations

Computer Systems Analysts - Analyze data processing problems for application to electronic data processing systems. Analyze user requirements, procedures, and problems to automate or improve existing systems and review computer system capabilities, workflow, and scheduling limitations.	A	B	C	D	E	F	G	H	I	J	K	L	T
15-1051													

Architecture and Engineering Occupations

Chemical Engineers - (Fuels Engineer) Design chemical plant equipment and devise processes for manufacturing chemicals and products by applying principles and technology of chemistry, physics, and engineering.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2041													

Environmental Engineers - Design, plan, or perform engineering duties in the prevention, control, and remediation of environmental health hazards utilizing various engineering disciplines.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2081													

Health and Safety Engineers, Except Mining Safety Engineers and Inspectors - Promote worksite or product safety by applying knowledge of industrial processes, mechanics, chemistry, psychology, and industrial health and safety laws.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2111													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Industrial Engineers - <i>(Industrial Quality Control Engineer)</i> Design, develop, test, and evaluate integrated systems for managing industrial production processes including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2112													

Mechanical Engineers - Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2141													

Petroleum Engineers - Devise methods to improve oil and gas well production and determine the need for new or modified tool designs. Oversee drilling and offer technical advice.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-2171													

Industrial Engineering Technicians - Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff.	A	B	C	D	E	F	G	H	I	J	K	L	T
17-3026													

Life, Physical, and Social Science Occupations

Chemists - Conduct qualitative and quantitative chemical analyses or chemical experiments in laboratories for quality or process control or to develop new products or knowledge.	A	B	C	D	E	F	G	H	I	J	K	L	T
19-2031													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES	NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)													Total Employment
	A	B	C	D	E	F	G	H	I	J	K	L	T	
	Hourly (part-time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over		

Market Research Analysts - Research market conditions in local, regional, or national areas to determine potential sales of a product or service.	A	B	C	D	E	F	G	H	I	J	K	L	T
19-3021													

Chemical Technicians - Conduct chemical and physical laboratory tests to assist scientists in the analyses of solids, liquids, and gaseous materials. Work involves experimental, theoretical, or practical application of chemistry and related sciences.	A	B	C	D	E	F	G	H	I	J	K	L	T
19-4031													

Geological and Petroleum Technicians - Assist scientists in the use of electrical, sonic, or nuclear measuring instruments in both laboratory and production activities to obtain data indicating potential sources of ore, gas, or petroleum.	A	B	C	D	E	F	G	H	I	J	K	L	T
19-4041													

Healthcare Practitioner and Technical Occupations

Occupational Health and Safety Specialists - Review, evaluate, and analyze work environments and design programs and procedures to control, eliminate, and prevent disease or injury caused by chemical, physical, and biological agents or ergonomic factors. May conduct inspections and enforce adherence to laws and regulations governing the health and safety of individuals. May be employed in the public or private sector. Include environmental protection officers.	A	B	C	D	E	F	G	H	I	J	K	L	T
29-9011													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Sales and Related Occupations

First-Line Supervisors/Managers of Non-Retail Sales Workers - Directly supervise and coordinate activities of sales workers other than retail sales workers. May perform duties, such as budgeting and personnel work. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
41-1012													

Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products - 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													

Office and Administrative Support Occupations

First-Line Supervisors/Managers of Office and Administrative Support Workers - Supervise and coordinate the activities of clerical and administrative support workers. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-1011													

Bookkeeping, Accounting, and Auditing Clerks - Compute, classify, and record numerical data to keep financial records complete. Perform any combination of routine calculating, posting, and verifying duties to obtain primary financial data for use in maintaining accounting records.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-3031													

Payroll and Timekeeping Clerks - Compile and post employee time and payroll data. May prepare paychecks.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-3051													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
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Customer Service Representatives - Interact with customers to provide information in response to inquiries about products and services and to handle and resolve complaints. Exclude individuals whose duties are primarily sales or repair.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-4051													

Human Resources Assistants, Except Payroll and Timekeeping - (Personnel Clerk) Compile and keep personnel records. Record data for each employee, such as address, weekly earnings, absences, and date of and reason for termination. Compile and type reports from employment records. Search employee files and furnish information to authorized persons.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-4161													

Receptionists and Information Clerks - Answer inquiries and obtain information for general public, customers, visitors, and other interested parties. Provide information regarding activities conducted at establishment; location of departments, offices, and employees within organization.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-4171													

Production, Planning, and Expediting Clerks - (Assignment Agent) Coordinate and expedite the flow of work and materials within or between departments of an establishment according to production schedule. Duties include reviewing and distributing production, work, and shipment schedules; and compiling reports on progress of work, inventory levels, costs, and production problems.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-5061													

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)	Annual Salary (full-time only)											Total Employment
	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	
	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Shipping, Receiving, and Traffic Clerks - (Freight Clerk) Verify and keep records on incoming and outgoing shipments. Prepare items for shipment. Duties include assembling, addressing, stamping, and shipping merchandise or material; receiving, unpacking, verifying and recording incoming merchandise or material; and arranging for the transportation of products.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-5071													

Stock Clerks and Order Fillers - (Tool-Crib Attendant) 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.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-5081													

Executive Secretaries and Administrative Assistants - Provide administrative support by performing clerical and administrative tasks. Higher-level executive assistants and administrative assistants may also conduct independent projects and assume greater training responsibilities.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-6011													

Secretaries, Except Legal, Medical, and Executive - Perform clerical and routine administrative functions such as preparing correspondence, scheduling appointments, filing, or providing information.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-6014													

Office Clerks, General - Perform duties too varied and diverse to be classified in any specific office clerical occupation, requiring limited knowledge of office management systems and procedures. Clerical duties may be assigned in accordance with the office procedures of individual establishments.	A	B	C	D	E	F	G	H	I	J	K	L	T
43-9061													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Construction and Extraction Occupations

First-Line Supervisors/Managers of Construction Trades and Extraction Workers - Directly supervise and coordinate activities of construction or extraction workers. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-1011													

Construction Laborers - Perform tasks involving physical labor at building, highway, and construction projects, tunnel and shaft excavations, and demolition sites. May operate hand and power tools. May clean and prepare sites.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-2061													

Paving, Surfacing, and Tamping Equipment Operators - Operate equipment used for applying concrete, asphalt, or other materials to road beds, parking lots, or airport runways and taxiways, or equipment used for tamping gravel, dirt, or other materials.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-2071													

Operating Engineers and Other Construction Equipment Operators - Operate one or several types of power construction equipment, such as motor graders, bulldozers, scrapers, compressors, pumps, derricks, shovels, tractors, or front-end loaders to excavate, move, and grade earth, erect structures, or pour concrete or other hard surface pavement.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-2073													

Electricians - Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-2111													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Plumbers, Pipefitters, and Steamfitters - Assemble, install, alter, and repair pipelines or pipe systems that carry water, steam, air, or other liquids or gases. May install heating and cooling equipment and mechanical control systems.	A	B	C	D	E	F	G	H	I	J	K	L	T
47-2152													

Installation, Maintenance, and Repair Occupations

First-Line Supervisors/Managers of Mechanics, Installers, and Repairers - Supervise and coordinate the activities of mechanics, installers, and repairers. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
49-1011													

Bus and Truck Mechanics and Diesel Engine Specialists - Diagnose, adjust, repair, or overhaul trucks, buses, and all types of diesel engines. Include mechanics working primarily with automobile diesel engines.	A	B	C	D	E	F	G	H	I	J	K	L	T
49-3031													

Industrial Machinery Mechanics - Repair, install, adjust, or maintain industrial production and processing machinery or refinery and pipeline distribution systems.	A	B	C	D	E	F	G	H	I	J	K	L	T
49-9041													

Maintenance and Repair Workers, General - (Maintenance Mechanic) Perform work involving the skills of two or more maintenance or craft occupations to keep machines, mechanical equipment, or the structure of an establishment in repair.	A	B	C	D	E	F	G	H	I	J	K	L	T
49-9042													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Maintenance Workers, Machinery - Lubricate machinery, change parts, or perform other routine machinery maintenance.	A	B	C	D	E	F	G	H	I	J	K	L	T
49-9043													

Production Occupations

First-Line Supervisors/Managers of Production and Operating Workers - Supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-1011													

Team Assemblers - Work as part of a team having responsibility for assembling an entire product or component of a product. Team assemblers can perform all tasks conducted by the team in the assembly process. May participate in making management decisions affecting the work. Team leaders who work as part of the team should be included.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-2092													

Machinists - Set up and operate a variety of machine tools to produce precision parts and instruments. Include 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.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-4041													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Welders, Cutters, Solderers, and Brazers - 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													

Power Distributors and Dispatchers - Coordinate, regulate, or distribute electricity or steam.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-8012													

Chemical Plant and System Operators - Control or operate an entire chemical process or system of machines.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-8091													

Petroleum Pump System Operators, Refinery Operators, and Gaugers - Control the operation of petroleum refining or processing units. May specialize in controlling manifold and pumping systems, gauging or testing oil in storage tanks, or regulating the flow of oil into pipelines.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-8093													

Chemical Equipment Operators and Tenders - Operate or tend equipment to control chemical changes or reactions in the processing of industrial or consumer products. Equipment used includes devulcanizers, batch stills, fermenting tanks, steam-jacketed kettles, and reactor vessels.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9011													

Mixing and Blending Machine Setters, Operators, and Tenders - Set up, operate, or tend machines to mix or blend materials, such as chemicals, food products, tobacco, liquids, color pigments, or explosive ingredients.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9023													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders - Operate or tend heating equipment other than basic metal, plastic, or food processing equipment. Includes activities, such as annealing glass, drying lumber, curing rubber, removing moisture from materials, or boiling soap.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9051													

Inspectors, Testers, Sorters, Samplers, and Weighers - (Quality Checker) 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.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9061													

Packaging and Filling Machine Operators and Tenders - (Bottler) Operate or tend machines to prepare industrial or consumer products for storage or shipment. Include cannery workers who pack food products.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9111													

Helpers--Production Workers - Help production workers by performing duties of lesser skill. Duties include supplying or holding materials or tools, and cleaning work area and equipment.	A	B	C	D	E	F	G	H	I	J	K	L	T
51-9198													

Transportation and Material Moving Occupations

First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand - Supervise and coordinate the activities of helpers, laborers, or material movers. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-1021													

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)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)	Hourly (part-time or full-time)	Annual Salary (full-time only)
	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over		
	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over		

First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators - Directly supervise and coordinate activities of transportation and material-moving machine and vehicle operators and helpers. These workers have other employees reporting directly to them.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-1031													

Truck Drivers, Heavy and Tractor-Trailer - Drive a tractor-trailer combination or a truck with a capacity of at least 26,000 GVW, to transport and deliver goods, livestock, or materials in liquid, loose, or packaged form. Requires commercial drivers' license.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-3032													

Excavating and Loading Machine and Dragline Operators - Operate or tend machinery equipped with scoops, shovels, or buckets, to excavate and load loose materials.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-7032													

Industrial Truck and Tractor Operators - (Fork Lift Driver) Operate industrial trucks or tractors equipped to move materials around a warehouse, storage yard, factory, construction site, or similar location.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-7051													

Laborers and Freight, Stock, and Material Movers, Hand - Manually move freight, stock, or other materials or perform other unskilled general labor. Include all unskilled manual laborers not elsewhere classified.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-7062													

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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 and over	

Pump Operators, Except Wellhead Pumpers - Tend, control, or operate power-driven, stationary, or portable pumps and manifold systems to transfer gases, oil, other liquids, slurries, or powdered materials to and from various vessels and processes.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-7072													

Tank Car, Truck, and Ship Loaders - Load and unload chemicals and bulk solids, such as coal, sand, and grain into or from tank cars, trucks, or ships using material moving equipment.	A	B	C	D	E	F	G	H	I	J	K	L	T
53-7121													

**Subtotal
Employment**

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Report additional occupations on supplemental pages at the end of form.

Report additional occupations on supplemental pages at the end of form.

Report additional occupations on supplemental pages at the end of 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.

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES	NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES													Total Employment
	(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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over		
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 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	
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Total Employment identified on this form	
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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													Total Employment
	(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 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over		
Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719	\$148,720 - 187,199	\$187,200 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	