### OCCUPATIONAL EMPLOYMENT REPORT OF SCIENTIFIC RESEARCH AND DEVELOPMENT SERVICES (541700)

In Cooperation with the U.S. Department of Labor



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?
Coperating: Go to Item 2.
Temporarily closed during the reference period. If no employees worked for pay, report "0" in section 4 of this page and return the form in

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:

the reply envelope provided.

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.

#### Include

- Full or part-time paid workers
- Workers on paid leave

Enter the number here...

- Workers assigned temporarily to other units
- Incorporated firms paid owners, officers, and staff

### Do Not Include

How many employees, both full and part-time, worked at this location(s) during the pay

- 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?

period that included the reference date printed in Item 3?

			Yes	Ш	No Enter number of locations		
	5	Plea	ase tell u	s who	to contact if we have questions a	about your data.	FOR OFFICE
		Nar	me:				USE ONLY
		Title	e:				
		Pho	one:		Date:		
		E-n	nail addre	ess:			

# Instructions for Reporting by Occupation

# Instructions for Reporting Wage Information

 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.

### 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.

Back Pay

Holiday Bonus

Jury Duty Pay

Meal Payments

On-call Pay

Overtime Pay

Holiday Premium Pay

Merchandise Discounts

Nonproduction Bonus

Lodging Payments

• Draw

• Include and/or exclude from pay as follows:

#### Include as pay

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

Exclude as pay

### Attendance Bonus Perquisites

- Profit Sharing Payment
- Relocation Allowance
- Severance Pay
- Shift Differential
- Stock Bonuses
- Tool Allowance
- Tuition Repayments
- Uniform Allowance
- Weekend 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 A DESCRIPTION OF DUTIES				l	-	-	-	-	-		AGE RA Hourly			
		Α	В	С	D	Е	F	G	Н	I	J	к	L	т
	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
Accountants and Auditors - Exa and interpret accounting records a giving advice or preparing statem	for the purpose of			1	2	3								6
	13-2011				$\square$									/

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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. 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.

#### NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate) **OCCUPATIONAL TITLE AND** Α в С D Е F. G н κ т \$9.25 \$11.75 \$14.75 \$18.75 \$24.00 \$30.25 \$38.50 \$49.00 \$62.00 \$78.75 \$100.00 **DESCRIPTION OF DUTIES** Hourly under (part-time or full-time) - 18.74 - 23.99 48.99 - 61.99 - 78.74 - 99.99 \$9.25 - 11.74 - 14.74 - 30.24 - 38.49 and over Total Employment Annual Salary \$19,240 \$24,440 \$30,680 \$39,000 \$49,920 \$62,920 \$80,080 \$101,920 \$128,960 \$163,800 \$208,000 under - 30,679 - 38,999 - 49,919 - 62,919 - 80,079 101,919 - 128,959 - 163,799 - 207,999 and over (full-time only) \$19,240 - 24,439 **Management Occupations** (Managers in this section generally have other managers/supervisors reporting to them.) D Α в С Е F G н κ **Chief Executives -**.1 Т 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. 11-1011 Α В С D Ε F G Н J κ L Т General and Operations Managers -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. 11-1021 Marketing Managers -Α В С D Ε F G Н J Κ L Т 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. 11-2021 Α В С D Ε F G Н J Κ L т Sales Managers -Plan, direct, or coordinate the distribution of a product or service to the customer. Establish sales territories, guotas, goals, and training programs for sales representatives. Analyze sales statistics to determine sales potential and inventory requirements and to monitor the preferences of customers. 11-2022 Α В С D Ε F G н J κ Administrative Services Managers -L т

 Administrative Services Managers A
 B
 C
 D
 E
 F
 G
 H
 I
 J
 K

 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."
 I
 J
 K

					-	-	-				GE RANG			
OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	н	I	J	К	L	Т
DESCRIPTION OF DUTIES	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
Computer and Information Systems Managers -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Plan, direct, or coordinate activities in such fields as ele processing, information systems, systems analysis, and programming.														
	11-3021													
Financial Managers -		A	В	С	D	E	F	G	Н	I	J	К	L	Т
Plan, direct, or coordinate accounting, investing, bankir securities, and other financial activities of a branch, offi an establishment.	ce, or department of													
	11-3031													
Purchasing Managers -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Plan, direct, or coordinate the activities of buyers and re involved in purchasing materials, products, and service or retail trade merchandising managers and procureme	s. Includes wholesale	-												
Compensation and Benefits Managers -		A	В	С	D	E	F	G	Н	I	J	К	L	Т
Plan, direct, or coordinate compensation and benefits a organization. Job analysis and position description mar "Human Resources Managers."														
Human Resources Managers -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Plan, direct, or coordinate human resources activities a organization. Excludes managers who primarily focus or benefits or training and development.														
Architectural and Engineering Managers -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Plan, direct, or coordinate activities in such fields as are engineering or research and development in these field Sciences Managers."														
Natural Sciences Managers -		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
Plan, direct, or coordinate activities in such fields as life sciences, mathematics, and research and development														

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OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
DESCRIPTION OF DUTIES	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
<b>Business and Financial Operations O</b>	occupations													
Purchasing Agents, Except Wholesale, Retail, and	Farm Products -	Α	В	C	D	E	F	G	Н	I	J	K	L	Т
Purchase machinery, equipment, tools, parts, supplies, necessary for the operation of an establishment. Purch finished materials for manufacturing.	ase raw or semi-													
	13-1023		<u> </u>											I
Compliance Officers -		A	В	С	D	E	F	G	н	1	J	К	L	Т
Examine, evaluate, and investigate eligibility for or com regulations governing contract compliance of licenses a perform other compliance and enforcement inspection not classified elsewhere.	and permits, and													
	13-1041													
Cost Estimators -		Α	В	С	D	E	F	G	н	1	J	K	L	Т
Prepare cost estimates for product manufacturing, con- services to aid management in bidding on or determining service. May specialize according to particular service product manufactured.	ng price of product or													
	13-1051													
Human Resources Specialists -		Α	В	C	D	E	F	G	Н	1	J	K	L	Т
Perform activities in the human resource area. Includes specialists who screen, recruit, interview, and place wo "Compensation, Benefits, and Job Analysis Specialists Development Specialists."	orkers. Excludes " and "Training and													
	13-1071													
Management Analysts -		A	В	С	D	E	F	G	н		J	K	L	Т
Conduct organizational evaluations, design systems pr work simplification and measurement studies, and prep procedures manuals to assist management in operatin effectively. Includes program analysts and managemen Excludes "Operations Research Analysts."	pare operations and g more efficiently and	-												
Compensation, Benefits, and Job Analysis Special	ists -	Α	В	С	D	E	F	G	н	I	J	К	L	Т
Conduct programs of compensation and benefits and ju employer. May specialize in specific areas, such as po and pension programs.	ob analysis for	-												

									SELECT cording					
OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
DESCRIPTION OF DUTIES	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			\$128,960 - 163,799			Employment
Training and Development Specialists -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Design and conduct training and development program individual and organizational performance. May analyz														
Market Research Analysts and Marketing Specialis	ts -	Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Research local, regional, or national market conditions sales of a product or service, or create a marketing car information on competitors, prices, sales, and marketin survey results to create a marketing campaign based of preferences and buying habits.	npaign. May gather g methods. May use													
	13-1101													
Accountants and Auditors -		A	В	С	D	E	F	G	н	I	J	К	L	Т
Analyze and interpret accounting records to prepare fin give advice, or audit and evaluate statements prepared advise on systems of recording costs or other financial Excludes "Tax Examiners and Collectors, and Revenue	l by others. Install or and budgetary data.													
	13-2011													
Financial Analysts -		Α	В	С	D	E	F	G	н	I	J	K	L	Т
Conduct quantitative analyses of information affecting i of public or private institutions.	nvestment programs													
	13-2051													
Computer and Mathematical Occupa	tions													
Computer and Information Research Scientists -		A	В	С	D	E	F	G	н	1	J	К	L	Т
Conduct research into fundamental computer and infor theorists, designers, or inventors. Develop solutions to of computer hardware and software.														
	IV-1111						F							<b>.</b>
Computer Systems Analysts -		A	В	С	D	E	F	G	н		J	K		Т
Analyze data processing problems to improve computer user requirements, procedures, and problems to autom existing systems and review computer system capabilit scheduling limitations. May analyze or suggest comme software.	ate or improve ies, workflow, and													

					-	-	-		SELECTI cording					
OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
<b>DESCRIPTION OF DUTIES</b>	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
Information Security Analysts -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Plan, implement, upgrade, or monitor security measure networks and information. May ensure security controls safeguard digital files and electronic infrastructure. May security breaches and viruses.	s are in place that y respond to computer													
	15-1122													
Computer Programmers -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Create, modify, and test computer applications code, for from specifications drawn up by software developers o user needs and design software solutions. May develo programs to store, locate, and retrieve specific docume information.	r others. May analyze p and write computer													
Software Developers, Applications -		A	В	С	D	E	F	G	н	I	J	К	L	Т
Develop, create, and modify computer applications sof needs and develop software solutions. Design or custo the aim of optimizing efficiency. May analyze and desig an application area. May supervise computer program	mize software with on databases within													
Software Developers, Systems Software -		A	В	С	D	E	F	G	н	I	J	к	L	Т
Research, design, develop, and test operating systems compilers, and network distribution software. Set opera and formulate and analyze software requirements. May systems software.	ational specifications													
Web Developers -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Design, create, and modify Web sites. Analyze user new Web site content, graphics, performance, and capacity sites with computer applications. Convert written, graph components to compatible Web formats. Excludes "Mu Animators."	. May integrate Web hic, audio, and video													
Database Administrators -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Administer, test, and implement computer databases. Computer databases. May plan, coordinate, and impler measures to safeguard computer databases.														

						ER OF El rt Part-ti								
OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	Н	I	J	к	L	Т
<b>DESCRIPTION OF DUTIES</b>	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		\$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
Network and Computer Systems Administrators - Install, configure, and support an organization's local a wide area network (WAN), and Internet systems or seg system. Ensure network availability. May monitor and t performance. May assist in network modeling, analysis coordination between network and data communication software. May supervise computer user support specia network support specialists. May administer network set	ment of a network est Web site , planning, and ns hardware and lists and computer	A	B	С	D	E	F	G	H	I	J	ĸ	L	Т
Computer Network Architects -		A	В	С	D	E	F	G	Н		J	ĸ	L	Т
Design and implement computer and information network area networks (LAN), wide area networks (WAN), intra other data communications networks. Perform network and planning. May also design network and computer s	nets, extranets, and modeling, analysis,		_			_								
Computer User Support Specialists -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Provide technical assistance to computer users. Answer computer problems in person, via telephone, or electro assistance concerning computer hardware and softwar	nically. May provide													
Computer Network Support Specialists -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Analyze, test, troubleshoot, and evaluate existing network local area network (LAN), wide area network (WAN), and a segment of a network system. Perform network main correct operation with minimal interruption.	nd Internet systems or													
Mathematicians -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Conduct research in fundamental mathematics or in ap mathematical techniques to science, management, and problems in various fields using mathematical methods	other fields. Solve													
Operations Research Analysts -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Formulate and apply mathematical modeling and other to develop and interpret information that assists manag making, policy formulation, or other managerial function analyze data and develop decision support software, so	ement with decision ns. May collect and													

									SELECT cording					
OCCUPATIONAL TITLE AND		A	В	С	D	Е	F	G	н	I	J	к	L	Т
DESCRIPTION OF DUTIES	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
Statisticians -		A	В	С	D	E	F	G	н	I	J	К	L	Т
Develop or apply mathematical or statistical theory and methods to collect, rganize, interpret, and summarize numerical data. May specialize in fields uch as bio-, agricultural, business, or economic statistics. Includes nathematical and survey statisticians. Excludes "Survey Researchers." 15-2041														
	15-2041													
Mathematical Technicians -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Apply standardized mathematical formulas, principles, technological problems in engineering and physical sci specific industrial and research objectives, processes, products.	ences in relation to													
	15-2091													
Architecture and Engineering Occup	ations													-
Aerospace Engineers -		A	В	С	D	E	F	G	н	1	J	K	L	Т
Perform engineering duties in designing, constructing, missiles, and spacecraft. May conduct basic and applie evaluate adaptability of materials and equipment to air manufacture. May recommend improvements in testing techniques.	ed research to craft design and	-												
Biomedical Engineers -	-	A	В	С	D	E	F	G	н		J	ĸ	L	т
Apply knowledge of engineering, biology, and biomech the design, development, and evaluation of biological a and products, such as artificial organs, prostheses, ins information systems, and heath management and care	and health systems trumentation, medical													
Chemical Engineers -		Α	В	С	D	E	F	G	н	I	J	K	L	Т
Design chemical plant equipment and devise processe chemicals and products by applying principles and tech physics, and engineering.														
	17-2041									-		 		
<b>Computer Hardware Engineers -</b> Research, design, develop, or test computer or related commercial, industrial, military, or scientific use. May s manufacturing and installation of computer or related e components.	upervise the	<u>A</u>	В	C	D	E	F	G	H		J	ĸ		т

									SELECT					
OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	н	I	J	K	L	Т
<b>DESCRIPTION OF DUTIES</b>	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
Electrical Engineers -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Research, design, develop, test, or supervise the manu installation of electrical equipment, components, or sys industrial, military, or scientific use. Excludes "Compute Engineers."	stems for commercial, er Hardware													
	17-2071													
Electronics Engineers, Except Computer -		Α	В	С	D	E	F	G	н	I	J	к	L	Т
Research, design, develop, or test electronic compone commercial, industrial, military, or scientific use employ electronic theory and materials properties. Design elect components for use in fields such as telecommunication guidance and propulsion control, acoustics, or instrume Excludes "Computer Hardware Engineers."	ving knowledge of tronic circuits and ons, aerospace													
	17-2072													
Environmental Engineers -		Α	В	С	D	E	F	G	н	I	J	ĸ	L	Т
Research, design, plan, or perform engineering duties control, and remediation of environmental hazards usir disciplines. Work may include waste treatment, site rer control technology.	ng various engineering nediation, or pollution													
	17-2081													
Industrial Engineers -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Design, develop, test, and evaluate integrated systems industrial production processes, including human work control, inventory control, logistics and material flow, a Excludes "Health and Safety Engineers, Except Mining and Inspectors."	factors, quality nd cost analysis.													
	17-2112													
Mechanical Engineers -		A	В	С	D	E	F	G	н		J	K	L	Т
Perform engineering duties in planning and designing to machines, and other mechanically functioning equipme installation, operation, maintenance, and repair of equi centralized heat, gas, water, and steam systems.	ent. Oversee													
Nuclear Engineers -		A	В	С	D	E	F	G	Н		J	ĸ	L	т
Conduct research on nuclear engineering projects or a theory of nuclear science to problems concerned with r use of nuclear energy and nuclear waste disposal.						_							_	

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OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	Н	I	J	к	L	Т
DESCRIPTION OF DUTIES	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			\$128,960 - 163,799			Employment
Electrical and Electronic Engineering Technicians	-	A	В	С	D	E	F	G	Н	I	J	К	L	Т
Apply electrical and electronic theory and related know the direction of engineering staff, to design, build, repa modify electrical components, circuitry, controls, and m "Broadcast Technicians."	ir, calibrate, and nachinery. Excludes													
	17-3023													
Mechanical Engineering Technicians -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Apply theory and principles of mechanical engineering test, or calibrate machinery and equipment under direct staff or physical scientists.														
	17-3027													
		-			•		•		•	•			•	•
Life, Physical, and Social Science Oco	supations											<u> </u>		
Animal Scientists -		A	В	C	D	E	F	G	н		J	K	L	Т
Conduct research in the genetics, nutrition, reproduction development of domestic farm animals.														
	19-1011													
Food Scientists and Technologists -		A	В	С	D	E	F	G	Н	1	J	К	L	Т
Study the principles underlying the processing and det analyze food content to determine levels of vitamins, fa discover new food sources; research ways to make pro palatable, and healthful; and determine best ways to p preserve, store, and distribute food.	at, sugar, and protein; ocessed foods safe,													
			В	С		E	F							т
Soil and Plant Scientists -		A	D		D	<b>_</b>		G	н		J	K		
Conduct research in physiology, production, yield, and and agricultural plants or trees, shrubs, and nursery str soils, and control of pests; or study the composition of plant or crop growth. May classify and map soils and ir alternative practices on soil and crop productivity.	ock, their growth in soils as they relate to nvestigate effects of													
	19-1013													
Biochemists and Biophysicists -		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
Study living cells and organisms, their electrical and m related phenomena. May conduct research to further u metabolism, reproduction, growth, and heredity. May d of foods, drugs, serums, hormones, and other substan vital processes of living organisms.	Inderstanding of letermine the effects ces on tissues and													
	19-1021		1											

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OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	н		J	ĸ	L	Т
DESCRIPTION OF DUTIES	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			\$128,960 - 163,799			Employment
Microbiologists -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Investigate the characteristics of microscopic organisms algae, or fungi. Includes medical microbiologists who st between organisms and disease or the effects of antibio microorganisms.	tudy the relationship otics on													
	19-1022													
Zoologists and Wildlife Biologists -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Study the origins, behavior, diseases, genetics, and life animals and wildlife. May specialize in wildlife research May collect and analyze biological data to determine the effects of present and potential use of land and water h	and management. e environmental													
	19-1023													
Epidemiologists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Investigate and describe the determinants and distributi disability, or health outcomes. May develop the means control.														
Medical Scientists, Except Epidemiologists -		Α	В	С	D	E	F	G	н		J	ĸ	L	Т
Conduct research into human diseases and the improve health. Engage in clinical investigation, R&D, or related physicians, dentists, public health specialists, pharmacc pathologists who primarily conduct research.	activities. Includes													
Astronomers -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Observe, research, and interpret astronomical phenome knowledge or apply such information to practical proble														
	19-2011	· · · · · · · · · · · · · · · · · · ·									<u> </u>			
Physicists - Conduct research into physical phenomena, develop th observation and experiments, and devise methods to a and theories. Excludes "Biochemists and Biophysicists.	pply physical laws	A	В	С	D	E	F	G	Н	1	J	К	L	Т

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OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	н	I	J	К	L	т
<b>DESCRIPTION OF DUTIES</b>	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		\$101,920 - 128,959		\$163,800 - 207,999		Employment
Atmospheric and Space Scientists -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Investigate atmospheric phenomena and interpret meter prepare reports and forecasts for public and other uses analysts and forecasters whose functions require the d meteorology.	. Includes weather													
	10-2021				-	-								_
Chemists -		A	В	С	D	E	F	G	н		J	к	L	Т
Conduct chemical analyses or experiments in laborator process control or to develop new products or knowled	ge.													
	19-2031													
Materials Scientists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Research and study the structures and chemical prope natural, synthetic, or composite materials. Determine w combine materials or develop new materials with new of for use in a variety of products and applications. Include metallurgical, and polymer scientists.	ays to strengthen or or specific properties													
Environmental Scientists and Specialists, Including	j Health -	Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Conduct research to identify, abate, or eliminate source hazards that affect the environment or the health of the collect, synthesize, study, report, and recommend action derived from measurements or observations of air, food other sources. Excludes "Conservation Scientists."	population. May n based on data													
Geoscientists, Except Hydrologists and Geographe	ers -	Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Study the physical aspects of the Earth. May use geolo mathematics knowledge in exploration for oil, gas, mine water; or in waste disposal, land reclamation, or other e problems. May study the Earth's internal composition, a and its magnetic, electrical, and gravitational forces. In crystallographers, paleontologists, stratigraphers, geod seismologists.	gical, physics, and erals, or underground environmental atmospheres, oceans, cludes mineralogists,													

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OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	н	I	J	К	L	Т
DESCRIPTION OF DUTIES	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						Employment
Economists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Conduct research, prepare reports, or formulate plans to address economic roblems related to the production and distribution of goods and services or nonetary and fiscal policy. May collect and process economic and statistical ata using sampling techniques and econometric methods.														
Survey Researchers -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
lan, develop, or conduct surveys. May analyze and interpret the meaning of ata, determine objectives, or suggest or test question wording. Includes ocial scientists who primarily design questionnaires or supervise survey eams. Excludes "Market Research Analysts and Marketing Specialists" and Statisticians."														
Industrial-Organizational Psychologists -		A	В	С	D	E	F	G	н	I	J	ĸ	L	Т
Industrial-Organizational Psychologists - Apply principles of psychology to human resources, administration, management, sales, and marketing problems. Activities may include policy planning; employee testing and selection, training and development; and organizational development and analysis. 19-3032														
Sociologists -		Α	В	С	D	E	F	G	н	I	J	к	L	Т
Study human society and social behavior by examining social institutions that people form, as well as various s political, and business organizations. May study the be of groups, trace their origin and growth, and analyze th activities on individual members.	ocial, religious, havior and interaction e influence of group													
Anthropologists and Archeologists -		A	В	С	D	Е	F	G	Н	1	J	ĸ	L	т
19-3041 Anthropologists and Archeologists - Study the origin, development, and behavior of human beings. May study he way of life, language, or physical characteristics of people in various parts of the world. May engage in systematic recovery and examination of naterial evidence, such as tools or pottery remaining from past human sultures, in order to determine the history, customs, and living habits of earlier civilizations. 19-3091													-	

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OCCUPATIONAL TITLE AND		Α	В	С	D	Е	F	G	Н	I	J	К	L	т
DESCRIPTION OF DUTIES	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
Political Scientists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Study the origin, development, and operation of political systems. May study topics such as political decision-making and ideology. May analyze the structure and operation of governments or various political entities. May conduct public opinion surveys, analyze election results, or analyze public documents. Excludes "Survey Researchers."														
Agricultural and Food Science Technicians -		Α	В	С	D	Е	F	G	Н	1	J	ĸ	L	Т
Agricultural and Food Science Technicians - Work with scientists in food, fiber, and animal research, production, and processing, and assist with animal breeding and nutrition. Conduct tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects. Includes technicians who assist food scientists or technologists in the research of production technology, quality control, packaging, processing, and use of foods. 19-4011														
Biological Technicians -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Assist biological and medical scientists in laboratories. maintain laboratory instruments and equipment, monito observations, and calculate and record results. May an substances, such as blood, food, and drugs.	or experiments, make													
Chemical Technicians -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Conduct chemical and physical laboratory tests to assist scientists in making qualitative and quantitative analyses of solids, liquids, and gaseous materials for R&D, quality control, maintenance of environmental standards, and other work involving experimental, theoretical, or practical application or chemistry.														
	19-4031													
Social Science Research Assistants -		A	В	С	D	E	F	G	Н	I	J	К	L	Т
ocial Science Research Assistants - ssist social scientists in laboratory, survey, and other social science search. May help prepare findings for publication and assist in laboratory halysis, quality control, or data management. Excludes "Graduate Teachin ssistants."														
	19-4061													

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OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	Н	1	J	к	L	Т
DESCRIPTION OF DUTIES	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
Forensic Science Technicians -		Α	В	С	D	E	F	G	н	-	J	К	L	Т
Collect, identify, classify, and analyze physical evidence investigations. Perform tests on weapons or substances and tissue to determine significance. May testify as expe evidence or crime laboratory techniques. May serve as expertise, such as ballistics, fingerprinting, handwriting,	s, such as fiber, hair, ert witnesses on specialists in area of	-												
									•					
Legal Occupations												1		
Lawyers -		A	В	С	D	E	F	G	н	1	J	K	L	Т
Represent clients in criminal and civil litigation and other draw up legal documents, or manage or advise clients o May specialize in a single area or may practice broadly i law.	on legal transactions.													
Γ	23-1011													
Education, Training, and Library Occ	upations													
Librarians -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Administer libraries and perform related services. Work public libraries, schools, corporations, and healthcare pr acquire, catalogue, classify, circulate, and maintain libra furnish reference, bibliographical, and readers' advisory perform in-depth, strategic research, and synthesize, an information. May set up or work with databases and info catalogue and access information.	roviders. May select, iry materials and services. May alyze, edit, and filter													
Arts, Design, Entertainment, Sports, a	and Media Oco	cupati	ons											
Graphic Designers -		A	В	С	D	E	F	G	н	I	J	К	L	Т
Design or create graphics to meet specific commercial of such as packaging, displays, or logos. May use a variety														
	27-1024													
Public Relations Specialists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Engage in promoting or creating an intended public imag groups, or organizations. May write or select material for communications media.	ge for individuals, r release to various 27-3031													

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OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	Н	I	J	К	L	т
DESCRIPTION OF DUTIES	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		\$101,920 - 128,959	\$128,960 - 163,799	\$163,800 - 207,999		Employment
Technical Writers -		Α	В	С	D	E	F	G	н	1	J	К	L	Т
Write technical materials, such as equipment manuals operating and maintenance instructions. May assist in														
	27-3042													
Writers and Authors -		Α	В	С	D	E	F	G	н	1	J	к	L	Т
riginate and prepare written material, such as scripts, stories, dvertisements, and other material. Excludes "Public Relations Specialists" nd "Technical Writers."														
	27-3043													
Healthcare Support Occupations														
Veterinary Assistants and Laboratory Animal Care	takers -	Α	В	С	D	E	F	G	н	I	J	К	L	Т
Veterinary Assistants and Laboratory Animal Caretakers -         Feed, water, and examine pets and other nonfarm animals for signs of illness, disease, or injury in laboratories and animal hospitals and clinics.         Clean and disinfect cages and work areas, and sterilize laboratory and surgical equipment. May provide routine post-operative care, administer medication, or prepare samples for laboratory examination. Excludes "Nonfarm Animal Caretakers."         31-9096														
Protective Service Occupations														
Security Guards -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Guard, patrol, or monitor premises to prevent theft, vio rules. May operate x-ray and metal detector equipmen "Transportation Security Screeners."														
	33-9032			I		I	1	1					L	
Building and Grounds Cleaning and	Maintenance O	ccupa	ations	5										
Janitors and Cleaners, Except Maids and Houseke	eping Cleaners -	Α	В	С	D	E	F	G	н	I	J	К	L	Т
Keep buildings in clean and orderly condition. Perform duties. Duties may include tending furnace and boiler, maintenance activities, notifying management of need cleaning snow or debris from sidewalk.	performing routine for repairs, and													
	37-2011		1	1			1	1		1	1		1	1

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OCCUPATIONAL TITLE AND		Α	В	C	D	E	F	G	Н	I	J	К	L	Т
<b>DESCRIPTION OF DUTIES</b>	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			\$163,800 - 207,999		Employment
Sales and Related Occupations														
First-Line Supervisors of Non-Retail Sales Workers	s -	Α	В	С	D	E	F	G	н	I	J	К	L	Т
Directly supervise and coordinate activities of sales we sales workers. May perform duties, such as budgeting personnel work, in addition to supervisory duties.														
	41-1012													
Sales Representatives of Services, Except Adverti Travel, and Financial Services -	sing, Insurance,	A	В	С	D	E	F	G	н	I	J	К	L	Т
Sell services to individuals or businesses. May describ client problems. Excludes "Telemarketers."	e options or resolve													
	41-3098													
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products -			В	С	D	E	F	G	н	I	J	К	L	т
Sell goods for wholesalers or manufacturers where tec knowledge is required in such areas as biology, engine electronics, normally obtained from at least 2 years of education. Excludes "Sales Engineers."	eering, chemistry, and post-secondary													
 Office and Administrative Support O	41-4011 Occupations													I
First-Line Supervisors of Office and Administrative		Α	В	С	D	E	F	G	н	1	J	К	L	т
Directly supervise and coordinate the activities of cleric support workers.														
	43-1011													
Bill and Account Collectors -		A	В	С	D	E	F	G	н	1	J	К	L	Т
Sill and Account Collectors - olicit payment from delinquent customers. Receive payment and post mount to customer's account; prepare statements to credit department if ustomer fails to respond; initiate repossession proceedings or service isconnection; and keep records of collection and status of accounts. 43-3011														
Billing and Posting Clerks -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Compile, compute, and record data for billing purposes invoices for services rendered or for delivery or shipme														

					-	-	-		SELECTI cording					
OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	н	I	J	К	L	Т
<b>DESCRIPTION OF DUTIES</b>	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
Bookkeeping, Accounting, and Auditing Clerks -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Compute, classify, and record data to keep financial re Perform routine calculating, posting, and verifying dutie financial data for use in maintaining accounting records accuracy of figures, calculations, and postings pertaining transactions recorded by other workers. Excludes "Pay Clerks."	es to obtain primary s. May also check the ng to business rroll and Timekeeping													
	43-3031													
Payroll and Timekeeping Clerks -		A	В	С	D	E	F	G	н	I	J	к	L	Т
Compile and record employee time and payroll data. Memployees' time worked, production, and commission. post wages and deductions, or prepare paychecks.	ay compute May compute and													
	43-3051													
Interviewers, Except Eligibility and Loan -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Interview persons by telephone, mail, in person, or by o purpose of completing forms, applications, or question classify, and file forms.														
	43-4111													
Human Resources Assistants, Except Payroll and	Fimekeeping -	Α	В	С	D	E	F	G	н	I	J	к	L	Т
Compile and keep personnel records. May prepare reprecords, file employment records, or search employee information to authorized persons.	orts for employment													
	43-4161													
Receptionists and Information Clerks -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Answer inquiries and provide information regarding act establishment and location of departments, offices, and the organization. Excludes "Switchboard Operators, In- Service."	d employees within cluding Answering													
	43-4171													
Production, Planning, and Expediting Clerks -		Α	В	C	D	Е	F	G	Н	I	J	K	L	Т
Coordinate and expedite the flow of work and materials departments of an establishment according to producti Excludes "Weighers, Measurers, Checkers, and Samp	on schedule.													
	43-5061													

										ED WAG to an H				
OCCUPATIONAL TITLE AND		Α	В	С	D	E	F	G	н	I	J	к	L	т
<b>DESCRIPTION OF DUTIES</b>	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		\$101,920 - 128,959		\$163,800 - 207,999		Employment
Shipping, Receiving, and Traffic Clerks -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
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 Executive Secretaries and Executive Administrative Assistants -														
Executive Secretaries and Executive Administrativ	e Assistants -	Α	В	С	D	E	F	G	н	1	J	к	L	т
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														
							-							-
Secretaries and Administrative Assistants, Except Executive -	Legal, Medical, and	A	В	С	D	E	F	G	н		J	К	L	Т
Perform routine clerical and administrative functions su correspondence, scheduling appointments, organizing or providing information to callers.														
	43-0014													
Data Entry Keyers -		A	В	С	D	E	F	G	н		J	K	L	Т
Operate data entry device, such as keyboard or photo Duties may include verifying data and preparing mater Excludes "Word Processors and Typists."	ials for printing.													
	43-9021													
Office Clerks, General -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Perform duties too varied and diverse to be classified i occupation, requiring knowledge of office systems and may include a combination of answering telephones, b word processing, stenography, office machine operation	procedures. Duties ookkeeping, typing or													
	43-9061													

							MPLOY							
OCCUDATIONAL TITLE AND		A	В	с	(Repo	E	ime Wor	Kers AC	coraing H	to an H		ate) K		т
OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES	Hourly	A under	<b>9</b> .25	\$11.75	<b>D</b> \$14.75	<b>⊏</b> \$18.75	<b>F</b> \$24.00	\$30.25	п \$38.50	\$49.00	\$62.00	<b>R</b> \$78.75	L \$100.00	1
DESCRIPTION OF DUTIES	(part-time or full-time)	\$9.25	- 11.74	- 14.74	- 18.74	- 23.99	- 30.24	- 38.49	- 48.99	- 61.99	- 78.74	- 99.99	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
Statistical Assistants -		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Compile and compute data according to statistical formulas for use in statistical studies. May perform actuarial computations and compile charts and graphs for use by actuaries. Includes actuarial clerks.														
	I													
Installation, Maintenance, and Repa	ir Occupations													
Maintenance and Repair Workers, General -		A	В	С	D	E	F	G	н	1	J	К	L	Т
Perform work involving the skills of two or more maintenance occupations t keep machines, mechanical equipment, or the structure of an establishmer 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														
First-Line Supervisors of Production and Operating	g Workers -	A	В	С	D	E	F	G	н	1	J	К	L	Т
Directly supervise and coordinate the activities of prod- workers. Excludes team or work leaders.														
	51-1011													
Machinists -		Α	В	С	D	E	F	G	н	1	J	K	L	Т
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. 51-4041														
														Т
										Subto Emplo	otal oymen	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.

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<b>OCCUPATIONAL TITLE ANI</b>	)	Α	В	С	D	E	F	G	н	I	J	к	L	Т
DESCRIPTION OF DUTIES	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
		Α	В	С	D	E	F	G	н	I	J	К	L	Т
		A	В	С	D	E	F	G	Н		J	K	L	Т
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
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FIPS Schedule Number	r NAICS Code	Unit	Total Emplo	yment	Revie	wed By	Date Re	eviewed		Subto		loyment ige	- uns	
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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.

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OCCUI	PATIC	DNAL TITLE AND		Α	В	С	D	E	F	G	Н	I	J	ĸ	L	Т
DESC	RIPT	ION OF DUTIES	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
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