### 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 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/OFS for more information on the OFS Program, including a display of national, state and metropolitan area employment and wage estimates

	upation.	Togram, mordaling a display of national, state and metropolitan area employment and wage	
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.	ees orm	
2 O	New Address:	How many employees, both full and part-time, worked at this location(s) 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 all employees reported above work at one location?  Yes  NoEnter number of locations	у
		Please tell us who to contact if we have questions about your data.  Name:	FOR OFFICE USE ONLY
_		Phone: ()Ext Date: E-mail address:	

541700 Rev. August 2007

### **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 Pav
- Longevity Pay
- On-call 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

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.

541700 ii

# **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 TITL				(F					IN SELE			NGES URLY RA	TE)	
DECOMM HON OF DA		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	TOTAL
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479		\$131,560 - 166,399	\$166,400 and over	EMPLOYMENT
Accountants and Auditors - Examand interpret accounting records for giving advice or preparing statement	r the purpose of				1	2	3							6

- 1 For each occupation listed, read the definition to determine which occupations are found in your establishment.
- 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 D. For the full-time workers, use their annual wage: write "2" in column E and "3" in column F.
- 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.

541700 iii

DESCRIPTION OF DUTIES								EES IN rkers Ac			GE RAI Hourly F			
DESCRIPTION OF DETIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24		\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600		\$19,760 - 24,959				- \$50,960 - 64,479					\$166,400 and over	Employme
nagement Occupations														

Chief Executives -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Determine and formulate policies and provide the overall														
companies or private and public sector organizations with														
guidelines set up by a board of directors or similar govern	ning body.													
_														
	11-1011													
General and Operations Managers -		Α	В	С	D	E	F	G	Н		J	K	L	Т
Plan, direct, or coordinate the operations of companies or	r public and										_			
private sector organizations. Duties include formulating po														
managing daily operations, and planning the use of mater														
resources, but are too diverse in nature to be classified in	any one													
functional area of management or administration.														
	11-1021													
		_	_		_			_		_	_		_	
Marketing Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Determine the demand for products and services offered competitors and identify potential customers. Develop price														
with the goal of maximizing the firm's profits or share of the														
With the goal of maximizing the limits profits of share of the	io markot.													
	11-2021													
	11-2021													
Sales Managers -		Α	В	С	D	E	F	G	Н	ı	J	K	L	T
(Customer Service Manager) Direct the distribution of a	a product or													
service to the customer by establishing sales territories, q														
goals. Analyze sales statistics gathered by staff to determ														
potential and inventory requirements and monitor the pref	ferences of													
customers.														
	11-2022													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				-			MPLOYI me Wor							
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	- 1	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total Employment
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479	\$103,480 - 131,559		\$166,400 and over	Lilipioyillelit
	(run time erny)							•		,	- ,			
Administrative Services Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Plan, direct, or coordinate supportive services of an organism recordkeeping, mail distribution, telephone operator/r														
other office support services.	11-3011	l												
	11-3011													
Computer and Information Systems Managers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Data Processing Manager) Plan, direct, or coordinate such fields as electronic data processing, information sy														
analysis, and computer programming.														
	11-3021													
Financial Managers -		Α	В	С	D	E	F	G	Н		J	К	1	т
(Controller) Plan, direct, and coordinate accounting, in	vesting, banking,					_	•	•		•		1	-	•
insurance, securities, and other financial activities of a b	ranch, office, or													
department of an establishment.														
	11-3031													
Compensation and Benefits Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Plan, direct, or coordinate compensation and benefits ac														
of an organization. Include job analysis and position des	cription													
managers.	11-3041													
	11-3041		L											
Purchasing Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
(Procurement Manager) Plan, direct, or coordinate the														
buyers, purchasing officers, and related workers involve materials, products, and services.	u in purchasing													
materials, producto, and convious.	11-3061	ł												
Fraincein Manager						_	_					17		<b>T</b>
Engineering Managers - Plan, direct, or coordinate activities in such fields as arcl	nitecture and	Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
engineering or research and development in these fields														
	11-9041													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_		TED WA	_			
		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total Employment
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 64,479	\$64,480 - 81,639	- \$81,640 -	- \$103,480 - 131,550	\$131,560 - 166,399		Employment
	(full-tillie offly)	ψ15,000	19,709	24,909	31,719	40,033	30,939	04,473	01,009	105,473	- 101,000	100,533	and over	
Natural Sciences Managers - Plan, direct, or coordinate activities in such fields as life physical sciences, mathematics, statistics, and research development in these fields.	and	Α	В	С	D	E	F	G	Н	I	J	К	L	Т
	11-9121													
Business and Financial Operatio		ation	ıs											
Purchasing Agents, Except Wholesale, Retail, and Fa		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Purchase machinery, equipment, tools, parts, supplies, o														
necessary for the operation of an establishment. Purcha finished materials for manufacturing. Include contract spaces														
contractors, purchasers, price analysts, tooling coordina														
buyers.	ioro, arra rirodia													
	13-1023													
	10 1020		l		l			ļ.	l	l	l	l		
Compliance Officers, Except Agriculture, Constructi Safety, and Transportation -	on, Health and	Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Examine, evaluate, and investigate eligibility for or confo and regulations governing contract compliance of license														
and other compliance and enforcement inspection activitielsewhere.														
elsewhere.														
	13-1041													
Cost Estimators -		Α	В	С	D	Е	F	G	н		J	K	L	Т
Prepare cost estimates for product manufacturing, const	ruction projects,													
or services to aid management in bidding on or determin														
product or service.														
	13-1051													
Compensation, Benefits, and Job Analysis Specialis	te -	Α	В	С	D	E	F	G	Н		J	K		Т
Conduct programs of compensation and benefits and job		А	В	U	U	E	Г	G	П		J	T.	L	
employer.														
	13-1072													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES											GE RAI			
		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
	Hourly (part-time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479		\$131,560 - 166,399		Employmen
Training and Development Specialists -		Α	В	С	D	Е	F	G	Н		J	К	L	Т
Conduct training and development programs for employe	es. 13-1073			-										
Management Analysts -		Α	В	С	D	E	F	G	Н		-	К		т
(Business Consultant) Conduct organizational studies evaluations, design systems and procedures, conduct wo simplifications and measurement studies, and prepare op procedures manuals.	ork		_								,			
Accountants and Auditors - Examine, analyze, and interpret accounting records for th giving advice or preparing statements. Install or advise or recording costs or other financial and budgetary data.		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Financial Analysts -		Α	В	С	D	E	F	G	Н		J	К		Т
Conduct quantitative analyses of information affecting inv programs of public or private institutions.	restment 13-2051	- 1	5	- 0	D	-		G			3	K	L	
omputer and Mathematical Occ	upations													
Computer and Information Scientists, Research - Conduct research into fundamental computer and informatheorists, designers, or inventors. Solve or develop solution the field of computer hardware and software.		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				ı	_	_		_	SELECT cording		_			
		Α	В	С	D	E	F	G	Н	I	J	K	L	T
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639		\$103,480 - 131,559			Employment
Computer Programmers -		Α	В	С	D	Е	F	G	Н		J	K		т
Convert project specifications and statements of problem procedures to detailed logical flow charts for coding into a language. Develop and write computer programs to store retrieve specific documents, data, and information. May pasites.	computer , locate, and	^	5	<u> </u>		L	•	J			J	K		
Computer Software Engineers, Applications -		Α	В	С	D	E	F	G	н		J	K	1	т
Develop, create, and modify general computer application specialized utility programs. Analyze user needs and dev solutions. Design software or customize software for clier aim of optimizing operational efficiency.	elop software				-	_	•			•			_	
	15-1031													
Computer Software Engineers, Systems Software -		Α	В	С	D	E	F	G	н	1	J	K	L	Т
Research, develop, and test operating systems-level soft and network distribution software. Set operational specific formulate and analyze software requirements. Apply printechniques of computer science, engineering, and mathe analysis.	cations and aciples and													
	10 1002		L											
Computer Support Specialists -	oo to computer	Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
(Help Desk Representative) Provide technical assistant system users. Answer questions or resolve computer proclients.														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				-							GE RAI			
		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639		\$103,480 - 131,559			Employment
	(full-time only)	\$15,000	19,759	24,959	31,719	40,039	50,959	64,479	61,039	103,479	- 131,559	- 100,399	and over	
Computer Systems Analysts -		Α	В	С	D	E	F	G	Н	ı	J	K	L	T
Analyze data processing problems for application to elect processing systems. Analyze user requirements, procedu problems to automate or improve existing systems and resystem capabilities, workflow, and scheduling limitations.	ires, and eview computer													
	15-1051													
Database Administrators -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Coordinate changes to computer databases, test and implicate database applying knowledge of database managements														
	15-1061													
Network and Computer Systems Administrators -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(LAN/WAN Administrator) Install, configure, and support organization's local area network (LAN), wide area networ Internet system or a segment of a network system. Maintainetwork hardware and software to ensure network availal system users.	rk (WAN), and ain and monitor													
Network Systems and Data Communications Analysts	s -	Α	В	С	D	Е	F	G	Н	<u> </u>	J	K	L	Т
(Internet Developer, Webmaster) Analyze, design, and network systems, such as local area networks (LAN), wid (WAN), and Internet. Perform network modeling, analysis Research and recommend network and data communication and software. Include telecommunications specialists who interfacing of computer and communications equipment.	d evaluate le area networks le, and planning. tions hardware													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				_							GE RAI			
		Α	В	С	D	E	F	G	Н	ı	J	K	L	T
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time) Annual Salary	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99 \$131,560	and over \$166,400	Total Employment
	(full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479	\$103,480 - 131,559	- 166,399		p.o,o
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Mathematicians - Conduct research in fundamental mathematics or in appli mathematical techniques to science, management, and o	ther fields.	A	В	С	D	E	F	G	Н		J	К	L	Т
	15-2021													
Operations Research Analysts -		Α	В	С	D	Е	F	G	Н	T	J	K	L	Т
Formulate and apply mathematical modeling and other or methods using a computer to develop and interpret informassists management with decision making, policy formula managerial functions.	nation that													
Statisticians -		Α	В	С	D	Е	F	G	н	1	J	к	L	Т
Engage in the development of mathematical theory or application theory and methods to collect, organize, interpret, and su numerical data to provide usable information.				,										
Architecture and Engineering Oc	cupations	S												
Aerospace Engineers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Perform a variety of engineering work in designing, const testing aircraft, missiles, and spacecraft.	ructing, and 17-2011													
Biomedical Engineers -		Α	В	С	D	Е	F	G	н	-	J	К	L	т
Apply knowledge of engineering, biology, and biomechan the design, development, and evaluation of biological and systems and products, such as artificial organs and medical systems.	d health	A	В	J	U			G	П		3	K	L	

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_	-		GE RAI			
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total Employment
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639		\$103,480 - 131,559			Lilipioyillelit
	(luli-time orliy)	ψ10,000	10,700	24,000	01,710	40,000	00,000	04,473	01,000	100,473	101,000	100,000	and over	
Chemical Engineers -		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
Design chemical plant equipment and devise processes f														
manufacturing chemicals and products by applying princi	ples and													
technology of chemistry, physics, and engineering.	47.0044													
	17-2041													
Computer Hardware Engineers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Research, design, develop, and test computer or comput	er-related													
equipment for commercial, industrial, military, or scientific	c use.													
	17-2061													
Electrical Engineers -		Α	В	С	D	Е	F	G	Н			K		т
Design, develop, test, or supervise the manufacturing and	d installation of			-		_	•		•••	•		11	_	•
electrical equipment, components, or systems for comme														
military, or scientific use.														
	17-2071													
			_		-	_	_	_		_	_			
Electronics Engineers, Except Computer -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Research, design, and test electronic components and syknowledge of electronic theory and materials properties.														
electronic circuits and components for use in fields, such														
telecommunications, aerospace guidance and propulsion														
acoustics, or instruments and controls.														
	17-2072													
	11-2012													
Environmental Engineers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
Design, plan, or perform engineering duties in the preven														
and remediation of environmental health hazards utilizing	various													
engineering disciplines.														
	17-2081													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				-							GE RAI			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 -	\$103,480 - 131,559	\$131,560	\$166,400	Employment
	(ruii-time only)	\$13,000	19,739	24,939	31,719	40,039	30,939	04,479	01,039	103,479	- 131,339	- 100,399	and over	
Industrial Engineers - (Industrial Quality Control Engineer) Design, developed evaluate integrated systems for managing industrial processes including human work factors, quality control, control, logistics and material flow, cost analysis, and processed including human work factors.	luction inventory	Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
Mechanical Engineers -	_	Α	В	С	D	E	F	G	Н		J	K	-	Т
Perform engineering duties in planning and designing too machines, and other mechanically functioning equipmen		A	Б	C	D			G	-	'	3	K	_	,
Nuclear Engineers -			В	С	D	Е	F	G				1/		_
Conduct research on nuclear engineering problems or all and theory of nuclear science to problems concerned with control, and utilization of nuclear energy and nuclear was	h release,	A	Б	C	D		r	G	Н	,	J	К		
Electrical and Electronic Engineering Technicians -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Apply electrical and electronic theory and related knowle under the direction of engineering staff, to design, build, and modify electrical components, circuitry, controls, and use by engineering staff.	repair, calibrate,													
Mechanical Engineering Technicians -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Apply theory and principles of mechanical engineering to develop, and test machinery and equipment under direct engineering staff or physical scientists.														

Hourly (part-time or full-time) A B C D E F G H I J J K L T  Annual State of the control time or full-time) Annual State of the control time or full-time or full-time) Annual State of the control time of the control time or full-time or full-time) Annual State of the control time of the control time or full-time or full-time) Annual State of the control time of the control time or full-time or full-time) Annual State of the control time or full-time or	OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_			GE RAI			
interior of full-time)   97.50   9.49   11.99   15.24   19.52   15.24   19.52   15.24   19.53   10.247   10.250   10.750	DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
ima or full-timo)   57.50   9.49   11.99   15.24   19.94   24.99   30.94   30.94   30.24   49.74   81.024   75.99   and orwer   Total Annual Salary (full-time only)   \$15.00   10.709   24.909   31.710   40.009   50.009   54.479   81.839   103.470   131.500   19.709   10.709   24.909   31.710   40.009   50.009   64.479   81.839   103.470   131.500   19.709   100.009   64.770   81.839   103.470   131.500   19.709   100.009   64.770   81.839   103.470   131.500   19.709   100.009   64.770   81.839   103.470   131.500   19.709   100.0		Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
A B C D E F G H I J J K L T  Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests, or study the chemical composition of soils as they relate to plant or crop growth.  Biochemists and Biophysicists -  Sudy the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.  Typicologists -  (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  Typicologists and Wildlife Biologists -  Soudy the origins, behavior, diseases, genetics, and life processes of study the origins, behavior, diseases, genetics, and life processes of smulas and wildlife.															Total
ife, Physical, and Social Science Occupations  Food Scientists and Technologists - Use chemistry, microbiology, engineering, and other sciences to study be principles underlying the processing and deterioration of foods; analyze food content to determine levels of vitamins, lat, sugar, and protein, discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine betwest by the strain of the strain		Annual Salary	under	\$15,600 -	\$19,760 -	\$24,960 -	\$31,720 -	\$40,040 -	\$50,960 -	\$64,480 -	\$81,640 -	\$103,480	\$131,560	\$166,400	Employment
Food Scientists and Technologists - Use chemistry, microbiology, engineering, and other sciences to study the principles underlying the processing and deterioration of foods; analyze food content to determine levels of vitamins, fat, sugar, and protein, discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.  Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineradogical composition of soils as the yrelate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.  19-1013  Biochemists and Biophysicists - Study the chemical composition of soils as the ryelate to plant or crop growth. May classify and map soils and mechanical energy, and related phenomena.  19-1021  Microbiologists - (Oytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  19-1022  Zoologists and Wildlife Biologists - Study the origins, behavior, diseases, genetics, and life processes of animals and Wildlife Biologists - A B C D E F G H I J K L T		(full-time only)	\$15,600	19,759	24,959	31,719	40,039	50,959	64,479	81,639	103,479	- 131,559	- 166,399	and over	
Use chemistry, microbiology, engineering, and other sciences to study the principles underlying the processing and deterioration of foods; analyze food content to determine levels of vitamins, fat, sugar, and protein, discover new flood sources, research ways to make processed foods sate, patiatable, and healthfult, and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.    19-1012   Soil and Plant Scientists -   Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013   Biochemists and Biophysicists -   Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.    19-1021   A B C D E F G H I J K L T   C/cytologists -   C/cytologis	Life, Physical, and Social Science	e Occupati	ons												
the principles underlying the processing and deterioration of foods; analyze food content to determine levels of tviamins, fat, sugar, and protein; discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine betways to process, package, preserve, store, and distribute food.    19-1012	Food Scientists and Technologists -	_	Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
analyze food content to determine levels of vitamins, fat, sugar, and protein; discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.    19-1012   Soil and Plant Scientists -	Use chemistry, microbiology, engineering, and other scientific	ences to study													
protein, discover new food sources; research ways to make processed foods safe, palatable, and healthful; and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.  19-1012  Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.  19-1013  Biochemists and Biophysicists - Study the chemical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.  19-1013  Biochemists and Biophysicists - Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.  19-1021  Microbiologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  19-1022  Zoologists and Wildlife Biologists - Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.	the principles underlying the processing and deterioration	n of foods;													
floods safe, palatable, and healthful; and apply food science knowledge to determine best ways to process, package, preserve, store, and distribute food.    19-1012	analyze food content to determine levels of vitamins, fat,	sugar, and													
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Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests, or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth.  Microbiologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  19-1022  A B C D E F G H I J J K L T  A B C D E F G H I J J K L T  A B C D E F G H I J J K L T  Todaysish Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  19-1022  A B C D E F G H I J J K L T  Todaysish Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  19-1022  A B C D E F G H I J J K L T  Todaysish Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.															
Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013		tore, and													
Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013	distribute food.														
Soil and Plant Scientists - Conduct research in breeding, physiology, production, yield, and management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013		10-1012													
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management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013	Soil and Plant Scientists -		Α	В	С	D	Е	F	G	Н	- 1	J	K	L	Т
management of crops and agricultural plants, their growth in soils, and control of pests; or study the chemical, physical, biological, and mineralogical composition of soils as they relate to plant or crop growth. May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013	Conduct research in breeding, physiology, production, vi	eld, and													
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May classify and map soils and investigate effects of alternative practices on soil and crop productivity.    19-1013	control of pests; or study the chemical, physical, biologic	al, and													
on soil and crop productivity.    19-1013															
Biochemists and Biophysicists - Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.    19-1021		rnative practices													
Biochemists and Biophysicists - Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.  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  Totologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  Telephone  A B C D E F G H I J K L T  Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.	on soil and crop productivity.														
Biochemists and Biophysicists - Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.  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  Totologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  Telephone  A B C D E F G H I J K L T  Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.		10-1013													
Study the chemical composition and physical principles of living cells and organisms, their electrical and mechanical energy, and related phenomena.    19-1021		19-1013													
organisms, their electrical and mechanical energy, and related phenomena.    19-1021	Biochemists and Biophysicists -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
organisms, their electrical and mechanical energy, and related phenomena.    19-1021	Study the chemical composition and physical principles of	of living cells and													
Microbiologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.  Zoologists and Wildlife Biologists - Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.  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															
Microbiologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.    A B C D E F G H I J K L T	3.1														
Microbiologists - (Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.    A B C D E F G H I J K L T		19-1021													
(Cytologist) Investigate the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi.    Telegraphic		10 1021													
Characteristics of microscopic organisms, such as bacteria, algae, or fungi.    19-1022	Microbiologists -		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
Characteristics of microscopic organisms, such as bacteria, algae, or fungi.    19-1022	_	nent, and other													
Toologists and Wildlife Biologists - Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.  A B C D E F G H I J K L T															
Zoologists and Wildlife Biologists - Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.		, 5 ,													
Zoologists and Wildlife Biologists -  Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.		19-1022													
Study the origins, behavior, diseases, genetics, and life processes of animals and wildlife.		.0.7022													
animals and wildlife.	Zoologists and Wildlife Biologists -		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
animals and wildlife.	Study the origins, behavior, diseases, genetics, and life r	processes of													
19-1023															
		19-1023													

Note   Control of Part-time workers according to an Hourly   A   B   C   D   E   F   G   H   I   J	K		
		L	Т
	- \$63.25 -	\$80.00	
	79.99	and over	Total
	0 \$131,560	\$166,400	Employment
(full-time only) \$15,600 19,759 24,959 31,719 40,039 50,959 64,479 81,639 103,479 - 131,559	9 - 166,399	and over	
Medical Scientists, Except Epidemiologists - A B C D E F G H I J	K	L	Т
(Pharmacologist) Conduct research dealing with the understanding of			
human diseases and the improvement of human health. Engage in			
clinical investigation or other research, production, technical writing, or			
related activities.			
19-1042			
Physicists - A B C D E F G H I J			т
Physicists - Conduct research into the phases of physical phenomena, develop	K	L	
theories and laws on the basis of observation and experiments, and			
devise methods to apply laws and theories to industry and other fields.			
action methods to apply fairs and allocates to inductify and other holds.			
19-2012			
19-2012			
Atmospheric and Space Scientists - A B C D E F G H I J	K	L	Т
(Meteorologist) Investigate atmospheric phenomena and interpret			
meteorological data gathered by surface and air stations, satellites, and			
radar to prepare reports and forecasts for public and other uses.			
19-2021			
Chamista A D C D F F C D H L L	1/		-
Chemists - Conduct qualitative and quantitative chemical analyses or chemical	K	L	Т
experiments in laboratories for quality or process control or to develop			
new products or knowledge.			
19-2031			
19-2031			
Materials Scientists - A B C D E F G H I J	K	L	Т
Research and study the structures and chemical properties of various			
natural and manmade materials. Determine ways to strengthen or			
combine materials or develop new materials with new or specific			
properties for use in a variety of products and applications.			
19-2032			

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_			GE RAI			
_		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	ime or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary	under	\$15,600 -	\$19,760 -	\$24,960 -	\$31,720 - 40,039	\$40,040 -	\$50,960 -			\$103,480 - 131,559			Employment
	(full-time only)	\$15,600	19,759	24,959	31,719	40,039	50,959	64,479	81,639	103,479	- 131,559	- 166,399	and over	
<b>Environmental Scientists and Specialists, Including He</b>	ealth -	Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
Conduct research or perform investigation for the purpose abating, or eliminating sources of pollutants or hazards that the environment or the health of the population. Utilizing k various scientific disciplines may collect, synthesize, study take action based on data derived from measurements or the second statements.	at affect either knowledge of r, report, and													
	19-2041													
Market Research Analysts -		Α	В	С	D	Е	F	G	н	1	J	K	L	Т
Research market conditions in local, regional, or national adetermine potential sales of a product or service.	19-3021										-			
Survey Researchers -		Α	В	С	D	Е	F	G	н	1	J	K	L	Т
(Pollster) Design or conduct surveys. May supervise inte conduct the survey in person or over the telephone.	rviewers who													
Industrial-Organizational Psychologists -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Apply principles of psychology to personnel, administration management, sales, and marketing problems. Activities management, sales, and marketing problems. Activities management, sales, and marketing problems. Activities management, sales, and developed organizational development and analysis.	ay include													
Control oriente												11		
Sociologists - Study human society and social behavior by examining the social institutions that people form, as well as various social political, and business organizations.		Α	В	С	D	Е	F	G	Н	ı	J	К	L	

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				_							AGE RAI Hourly I			
		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	<b></b>
	time or full-time) Annual Salary	\$7.50 under	9.49 \$15,600 -	11.99 \$19,760 -	15.24 \$24,960 -	19.24 \$31,720 -	24.49 \$40,040 -	30.99 \$50,960 -	39.24 \$64,480 -	49.74 \$81,640 -	63.24 \$103,480	79.99 \$131,560	and over \$166,400	Total Employment
	(full-time only)	\$15,600	. ,	24,959	31,719	40,039	50,959	64,479	81,639	103,479		- 166,399		
Agricultural and Food Science Technicians -		Α	В	С	D	Е	F	G	Н		J	K		Т
Work with agricultural scientists in food, fiber, and animal	research	А	В	C	U		Г	G	П		J	N.	L	
production, and processing; assist with animal breeding a														
work; under supervision, conduct tests and experiments														
and quality of crops or to increase the resistance of plant disease or insects.	s and animals to													
disease of insects.	10 1011													
	19-4011													
Biological Technicians -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
Assist biological and medical scientists in laboratories. S														
and maintain laboratory instruments and equipment, mor experiments, make observations, and calculate and reco														
experiments, make observations, and calculate and reco	iu results.													
	19-4021													
	10 4021													
Chemical Technicians -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
(Assayer) Conduct chemical and physical laboratory testing scientists in the analyses of solids, liquids, and gaseous														
involves experimental, theoretical, or practical application														
and related sciences.	, , , , , , , , , , , , , , , , , , , ,													
	19-4031													
Casial Caianas Bassanah Assistanta					_	_	_					11		-
Social Science Research Assistants - Assist social scientists in laboratory, survey, and other so	ocial research	Α	В	С	D	Е	F	G	Н		J	K	L	Т
May perform publication activities, laboratory analysis, qu														
data management. Normally these individuals work unde	r the direct													
supervision of a social scientist and assist in those activit														
more routine. Exclude "Graduate Teaching Assistants" (2 both teach and do research.	25-1191) who													
Dour teach and do research.														
	40.4004													
	19-4061													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				ı							AGE RAI			
DESCRIPTION OF DETTES		Α	В	С	D	Е	F	G	Н	- 1	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479		\$131,560 - 166,399		Employme
Forensic Science Technicians -		Α	В	С	D	E	F	G	н	l i	J	К	L	Т
Collect, identify, classify, and analyze physical evidence restriminal investigations. Perform tests on weapons or substance to investigation, and tissue to determine significance to investigation.	stances, such													
egal Occupations														_
.awyers - Represent clients in criminal and civil litigation and other I proceedings, draw up legal documents, and manage or age altransactions.		A	В	С	D	Е	F	G	Н	l l	J	К	L	T
ducation, Training, and Library	Occupati	ions												
ibrarians -		A	В	С	D	Е	F	G	н	l i	J	К	L	Т
Administer libraries and perform related library services. Naturally variety of settings, including public libraries, schools, collections, museums, corporations, government agencies non-profit organizations, and healthcare providers.	eges and													
rts, Design, Entertainment, Spo	orts, and N	Medi	a Oc	cupa	tion	s								
Graphic Designers -		Α	В	C	D	Е	F	G	Н	ı	J	K	L	Т
(Graphic Artist) Design or create graphics to meet a clic commercial or promotional needs, such as packaging, dis	•													

27-1024

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				l	_	_		EES IN	-		_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639		\$103,480 - 131,559		\$166,400 and over	Employme
Public Relations Specialists -		Α	В	С	D	Е	F	G	Н		J	К		т
Engage in promoting or creating good will for individuals, organizations by writing or selecting favorable publicity meleasing it through various communications media. May arrange displays, and make speeches.	aterial and				-		-			-				
Fechnical Writers -		Α	В	С	D	Е	F	G	н		J	К	L	Т
Vrite technical materials, such as equipment manuals, a perating and maintenance instructions. May assist in lay														
Vriters and Authors -		Α	В	С	D	Е	F	G	Н	ı	J	К	L	Т
originate and prepare written material, such as scripts, s dvertisements, and other material.	27-3043													
ealthcare Support Occupations														
eterinary Assistants and Laboratory Animal Caretal		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
eed, water, and examine pets and other nonfarm animaness, disease, or injury in laboratories and animal hosplean and disinfect cages and work areas, and sterilize largical equipment.	itals and clinics.													
	31-9096													
rotective Service Occupations Security Guards -							_							
ACUITITY (21)2rde -		Α	В	С	D	Е	F	G	Н	l	J	K	L	Т

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				_							GE RA			
DESCRIPTION OF DETIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	<b>+</b>
	time or full-time) Annual Salary	\$7.50 under	9.49 \$15,600 -	11.99 \$19,760 -	15.24 \$24,960 -	19.24 \$31,720 -	24.49 \$40,040 -	30.99 \$50,960 -	39.24 \$64,480 -	49.74 \$81,640 -	63.24	79.99 \$131,560	and over	Total Employment
	(full-time only)	\$15,600	19,759	24,959	31,719	40,039	50,959	64,479	81,639	103,479	- 131,559			
Building and Grounds Cleaning	and Maint	onor	200 (	100111	aatio	mc								
Janitors and Cleaners, Except Maids and Housekeep		A	В	c	patit D	E E	F	G	н	<u> </u>	<del></del>	K		т
Keep buildings in clean and orderly condition. Perform h		_ A	В	C	D			G		•	J	r\	_	•
duties, such as cleaning floors, shampooing rugs, washi														
glass, and removing rubbish. Duties may include tending	furnace and													
boiler.														
	37-2011													
Sales and Related Occupations														
First-Line Supervisors/Managers of Non-Retail Sales		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
Directly supervise and coordinate activities of sales work														
retail sales workers. May perform duties, such as budge personnel work. These workers have other employees re	•													
to them.	sporting directly													
	41-1012													
	l													
Sales Representatives, Wholesale and Manufacturin and Scientific Products -	g, Technical	Α	В	O	D	ш	F	G	Н	I	J	K	L	Т
Sell goods for wholesalers or manufacturers where techniques														
knowledge is required in such areas as biology, enginee and electronics, normally obtained from at least 2 years														
secondary education.	or post-													
occomulary oddodnom	41-4011													
	41-4011													
Office and Administrative Suppo	rt Occupa	tion	S											
First-Line Supervisors/Managers of Office and Admi Support Workers -	nistrative	Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Supervise and coordinate the activities of clerical and ac														
support workers. These workers have other employees	eporting directly													
to them.														
	43-1011													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				ı	_	_	MPLOYI me Wor	_			_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479		\$131,560 - 166,399	\$166,400 and over	Employment
Bill and Account Collectors -		Α	В	С	D	Е	F	G	Н	1	J	K	L	Т
Locate and notify customers of delinquent accounts by nor personal visit to solicit payment. Duties include receiving posting amount to customers' account; preparing statem department if customer fails to respond; initiating repossing proceedings or service disconnection.	ng payment and ents to credit													
Bookkeeping, Accounting, and Auditing Clerks -		Α	В	С	D	Е	F	G	Н	ı	J	К	L	Т
Compute, classify, and record numerical data to keep fin complete. Perform any combination of routine calculating verifying duties to obtain primary financial data for use in accounting records.	g, posting, and													
Payroll and Timekeeping Clerks -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Compile and post employee time and payroll data. May paychecks.	orepare 43-3051													
Interviewers, Except Eligibility and Loan -		Α	В	С	D	Е	F	G	Н	ı	J	К	L	т
(Admitting Clerk) Interview persons by telephone, mai by other means for the purpose of completing forms, appropriate questionnaires. Ask specific questions, record answers, persons with completing form.	lications, or			J		_	•				J		_	-
Human Resources Assistants, Except Payroll and Ti	mekeepina -	Α	В	С	D	Е	F	G	Н	ı	J	К	L	Т
(Personnel Clerk) Compile and keep personnel record for each employee, such as address, weekly earnings, a date of and reason for termination. Compile and type repemployment records. Search employee files and furnish authorized persons.	s. Record data bsences, and orts from	,												

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	R OF E	_	_	-		_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	- \$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479		\$81,640 - 103,479				Employment
Receptionists and Information Clerks -		Α	В	С	D	Е	F	G	Н		J	K		т
Answer inquiries and obtain information for general publicisitors, and other interested parties. Provide information activities conducted at establishment; location of departrand employees within organization.	n regarding ments, offices,		5					0		,	· ·	K	-	·
	43-4171													
Production, Planning, and Expediting Clerks -		Α	В	С	D	E	F	G	Н	I	J	K	L	T
Coordinate and expedite the flow of work and materials of departments of an establishment according to production. Duties include reviewing and distributing production, workschedules; and compiling reports on progress of work, in costs, and production problems.	n schedule. k, and shipment													
Shipping, Receiving, and Traffic Clerks -		Α	В	С	D	E	F	G	Н		J	K		т
Verify and keep records on incoming and outgoing shipn items for shipment. Duties include assembling, addressing and shipping merchandise or material; receiving, unpacked and recording incoming merchandise or material; and artransportation of products.	ng, stamping, king, verifying		В	U	D	L	,	G	n	,	3	K		•
Executive Secretaries and Administrative Assistants	· -	Α	В	С	D	E	F	G	Н		J	K	L	Т
Provide administrative support by performing clerical and tasks. Higher-level executive assistants and administrati may also conduct independent projects and assume gre responsibilities.	d administrative ve assistants			J		_							_	
Secretaries, Except Legal, Medical, and Executive -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Perform clerical and routine administrative functions succorrespondence, scheduling appointments, filing, or provinformation.														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				·		R OF EI t Part-ti								
DESCRIPTION OF BUILD		Α	В	С	D	E	F	G	Н	I	J	K	L	T
	Hourly (part- time or full-time)	under \$7.50	\$7.50 - 9.49	\$9.50 - 11.99	\$12.00 - 15.24	\$15.25 - 19.24	\$19.25 - 24.49	\$24.50 - 30.99	\$31.00 - 39.24	\$39.25 - 49.74	\$49.75 - 63.24	\$63.25 - 79.99	\$80.00 and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	- \$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639		,	\$131,560 - 166,399		Employmen
Data Entry Keyers - (Keypunch Operator) Operate data entry device, such photo composing perforator.	•	Α	В	С	D	E	F	G	Н	ı	J	К	L	Т
Office Clerks, General -	43-9021	Α	В	С	D	Е	F	G	Н			K		т
Perform duties too varied and diverse to be classified in a office clerical occupation, requiring limited knowledge of a management systems and procedures. Clerical duties main accordance with the office procedures of individual establishment.	office ay be assigned							Ū		•		K		
Statistical Assistants -		Α	В	С	D	Е	F	G	н	П	J	К	L	Т
Compile and compute data according to statistical formul statistical studies. May perform actuarial computations ar charts and graphs for use by actuaries.			_										_	
nstallation, Maintenance, and R	epair Occ	upa	tions	5										
Maintenance and Repair Workers, General - (Maintenance Mechanic) Perform work involving the sk more maintenance or craft occupations to keep machines equipment, or the structure of an establishment in repair.	xills of two or	A	В	С	D	Е	F	G	Н	I	J	К	L	Т

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				ı	_	_			-		AGE RA			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary	under		\$19,760 -		\$31,720 -					\$103,480			Employment
	(full-time only)	\$15,600	19,759	24,959	31,719	40,039	50,959	64,479	81,639	103,479	- 131,559	- 166,399	and over	
Production Occupations First-Line Supervisors/Managers of Production and	l Operating	A	В	С	D	Е	F	G	н	1	J	К	L	Т
Workers -			_	Ū		_	-	Ū		-			_	
Supervise and coordinate the activities of production a														
workers, such as inspectors, precision workers, machinoperators, assemblers, fabricators, and plant and systematics.														
These workers have other employees reporting directly														
These workers have saler employees reporting allowing	to trioin.													
	51-1011													
	31-1011													
Machinists -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Set up and operate a variety of machine tools to produ	ce precision parts													
and instruments. Include precision instrument makers	who fabricate,													
modify, or repair mechanical instruments. May also fab														
parts to make or repair machine tools or maintain indus	strial machines.													
	51-4041													
														Т
										Subto	otal			
										Empl	ovmer	nt		

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							MPLOYI me Wor							
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479	\$103,480 - 131 559	\$131,560 - 166 399	\$166,400	Employmen
	(run-unie orny)	ψ10,000	10,700	24,000	01,710	40,000		04,473	01,000	100,470	101,000	100,000	and over	
		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
		Α	В	С	D	Е	F	G	Н		J	К	L	Т
		7.				_	-			•			_	-
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
										0.17				
FIPS Schedule Number	NAICS Code	Unit 1	Total Employ	ment	Reviev	ved By	Date Re	eviewed		Subto	tal Emp pa	_	t - this	
FOR OFFICE											þа	ye		
USE ONLY										Total E	mployn	nent ide	entified	
											on this			

# **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		NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)												
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$7.50 -	\$9.50 -	\$12.00 -	\$15.25 -	\$19.25 -	\$24.50 -	\$31.00 -	\$39.25 -	\$49.75 -	\$63.25 -	\$80.00	
	time or full-time)	\$7.50	9.49	11.99	15.24	19.24	24.49	30.99	39.24	49.74	63.24	79.99	and over	Total
	Annual Salary (full-time only)	under \$15,600	\$15,600 - 19,759	\$19,760 - 24,959	\$24,960 - 31,719	\$31,720 - 40,039	\$40,040 - 50,959	\$50,960 - 64,479	\$64,480 - 81,639	\$81,640 - 103,479		\$131,560 - 166,399		Employmen
	(Idil-tille Offiy)	ψ13,000	19,709	24,333	31,713	40,000	30,333	04,473	01,000	103,473	- 101,000	100,399	and over	
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
		Α	В	С	D	Е	F	G	Н	ı	J	К	L	т
		Α	В	С	D	Е	F	G	Н	1	J	К	L	Т
			В	C		-		9		•	3	K		•
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
FIPS Schedule Number	NAICS Code	Unit Total Employment			Reviewed By Date Reviewed			eviewed		Subtotal Employment - this				
FOR OFFICE			One rotal Employment		Neviewed By		Date Neviewed				page			
USE ONLY										Total Employment identified				
										on this form				