OCCUPATIONAL EMPLOYMENT REPORT OF DATA PROCESSING, HOSTING **AND RELATED SERVICES (518000)**

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

by occupation.	
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 applyages paid for work during the reference period.	This form asks for information about the employees described below. Our estimate of employment for these employees appears at the top right corner of the label. <i>Please make any needed address corrections</i> .
employees paid for work during the reference period. If no employees worked for pay, report "0" in section 4 of this page and return the form in the reply envelope provided. Permanently out of business as of/_/: Return the form to the address at the top. Sold or merged: Enter the new name and address below, then go to item 2.	
New Name: New Address:	How many employees, both full and part-time , worked at this location(s) during the pay period that included the reference date printed in Item 3?
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 • Workers assigned temporarily to other units • Incorporated firms - paid owners, officers, and staff Do Not Include • Contractors and temporary agency employees not on your payroll • Unpaid family workers • Workers on unpaid leave • Unincorporated firms - proprietors, owners, and partners
	Do all employees reported above work at one location? Yes NoEnter number of locations FOR
	Please tell us who to contact if we have questions about your data. Name:
	Title: Phone: ()Ext Date:
	E-mail address:

Instructions for Reporting by Occupation

Report part-time workers in the job they perform.

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

Report employees in the following ways:

- Use the description of duties along with the job titles to determine where to place employees. Do not rely on job titles alone.
- · Report employees in the occupations in which they are working, not necessarily in occupations for which they have been trained. For example: An employee trained as an engineer, but working as a drafter, should be reported as a drafter.
- Report each employee only once in the occupation that requires the highest level of skill if the employee performs work in two or more occupations. If there is **no** measurable difference in skill requirements, report employees in the occupation in which they spend the **most** time.
- Professionals who directly supervise other workers in professional occupations should be classified in the same occupation as the workers they supervise. For example, an economist that supervises other economists is classified as an economist.

Instructions for Reporting Wage Information

For all employees:

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

Include as pay

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

Exclude as pay

- Attendance Bonus
- Back Pay
- Draw
- Holiday Premium Pay
- Jury Duty Pay
- Lodging Payments
- Meal Payments
- Merchandise Discounts
- Overtime Pay
- Perquisites
- Profit Sharing Payment
- Relocation Allowance
- Tuition Repayments

Severance Pay

- Shift Differential
- Stock Bonuses
- Tool Allowance
- Vacation Pay
- Weekend Pay
- Uniform Allowance
- On-call Pay
- Nonproduction Bonus (e.g., Holiday Bonus)

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.

518000 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.

	NAL TITLE AND			(1					IN SELE			NGES URLY RA	ITE)	
D200Kiii 110		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	TOTAL
	Annual Salary (full-time only)	under \$19,240		\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559		\$148,720 - 187,199	\$187,200 and over	EMPLOYMENT
Accountants and Auditt and interpret accounting a giving advice or preparing	records for 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 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.

518000 iii

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_			GE RAI			
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time)		11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49		and over	
	Annual Salary	under	\$19,240 -	\$23,920 -	\$30,160 -	\$37,960 -	\$47,320 -	\$59,800 -	\$74,880 -	\$94,120 -	\$118,560	\$148,720	\$187,200	Employment
	(full-time only)				37,959		59,799						and over	

Management Occupations

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

Chief Executives -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Determine and formulate policies and provide the overall direction	n of													
companies or private and public sector organizations within the guidelines set up by a board of directors or similar governing bod	J. ,													
guidelines set up by a board of directors of similar governing bod	ay.													
11-	·1011													
11-	1011													
General and Operations Managers -		Α	В	С	D	E	F	G	Н	I	J	K	L	T
Plan, direct, or coordinate the operations of companies or public	and													
private sector organizations. Duties include formulating policies, managing daily operations, and planning the use of materials and	d human													
resources, but are too diverse in nature to be classified in any on														
functional area of management or administration.														
11-	·1021													
Advertising and Promotions Managers -	_	Α	В	С	D	E	F	G	Н	I	J	K	L	Т
(Media Director) Plan and direct advertising policies and prograproduce collateral materials, such as posters, contests, coupons,														
aways, to create extra interest in the purchase of a product or se														
a department, an entire organization, or on an account basis.														
11-	-2011													
Marketing Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Determine the demand for products and services offered by a firr competitors and identify potential customers. Develop pricing stra														
with the goal of maximizing the firm's profits or share of the mark														
The state of the s														
44	-2021													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				_							GE RAI			
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total Employment
	(full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879				\$148,720 - 187,199		Linploymont
	(14.11.11.11.11.11.11.11.11.11.11.11.11.1													_
Sales Managers - (Customer Service Manager) Direct the distribution of service to the customer by establishing sales territories, goals. Analyze sales statistics gathered by staff to deterr potential and inventory requirements and monitor the precustomers.	quotas, and nine sales	A	В	С	D	E	F	G	Н	ı	J	К	L	Т
	11-2022													
Administrative Services Managers -		Α	В	С	D	Е	F	G	Н	Ī	J	K	L	Т
(Facilities Manager) Plan, direct, or coordinate support an organization, such as recordkeeping, mail distribution operator/receptionist, and other office support services.														
Computer and Information Systems Managers -		Α	В	С	D	Е	F	G	Н	1	J	K	L	Т
Plan, direct, or coordinate activities in such fields as electrocessing, information systems, systems analysis, and programming.														
Financial Managers -		Α	В	С	D	Е	F	G	Н		J	K		Т
(Controller) Plan, direct, and coordinate accounting, in insurance, securities, and other financial activities of a bridepartment of an establishment.		A	5							,		K		
Compensation and Benefits Managers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Plan, direct, or coordinate compensation and benefits ac of an organization. Include job analysis and position described managers.														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				-						ΓED WA g to an I				
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 - 35.99	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	H
	time or full-time) Annual Salary	\$9.25 under	11.49 \$19,240 -	14.49 \$23,920 -	18.24 \$30,160 -	22.74 \$37,960 -	28.74 \$47,320 -		45.24 \$74,880 -	56.99 \$94,120 -	71.49 \$118.560	89.99 \$148,720	\$187 200	Total Employment
	(full-time only)	\$19,240	23,919	30,159	37,959	47,319	59,799	74,879	94,119	118,559		- 187,199		, ,
Purchasing Managers -		Α	В	С	D	Е	F	G	Н		J	К	L	Т
(<i>Procurement Manager</i>) Plan, direct, or coordinate the buyers, purchasing officers, and related workers involve materials, products, and services.						_							-	
	11-3061													
Engineering Managers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
Plan, direct, or coordinate activities in such fields as arcl engineering or research and development in these fields														
	11-9041													
Business and Financial Operation		ation	ıs											
Purchasing Agents, Except Wholesale, Retail, and F		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Purchase machinery, equipment, tools, parts, supplies, onecessary for the operation of an establishment. Purcha finished materials for manufacturing. Include contract spacetractors, purchasers, price analysts, tooling coordina buyers.	se raw or semi- pecialists, field													
Employment, Recruitment, and Placement Specialist	e _	Α	В	С	D	Е	F	G	Н		J	К		т
Recruit and place workers.	13-1071	A	Б		D		•	G	- "	•	J	K		•
Compensation, Benefits, and Job Analysis Specialis	te -	Α	В	С	D	Е	F	G	Н		J	К		Т
Conduct programs of compensation and benefits and job employer.		A	<u> </u>		J	L	•)				K	-	•
Training and Development Specialists -		Α	В	С	D	Е	F	G	Н		J	К	L	Т
Conduct training and development programs for employ	ees. 13-1073													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				l							GE RAI			
		Α	В	С	D	E	F	G	Н	I	J	K	L	T
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time)	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total
	Annual Salary	under	\$19,240 -	\$23,920 -	\$30,160 -		\$47,320 -			\$94,120 -		\$148,720		Employment
	(full-time only)	\$19,240	23,919	30,159	37,959	47,319	59,799	74,879	94,119	118,559	- 148,719	- 187,199	and over	
Management Analysts -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Business Consultant) Conduct organizational studies														
evaluations, design systems and procedures, conduct w														
simplifications and measurement studies, and prepare o	perations and													
procedures manuals.														
	13-1111													
Accountants and Auditors -		Α	В	С	D	Е	F	G	Н			K		т
Examine, analyze, and interpret accounting records for t	ne nurnose of	_ ^	В	C	D		-	G	П	•	J	I.		
giving advice or preparing statements. Install or advise of														
recording costs or other financial and budgetary data.														
	13-2011													
Computer and Mathematical Oc	cupations													
Computer and Information Scientists, Research -		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
Conduct research into fundamental computer and inform														
theorists, designers, or inventors. Solve or develop solut	ons to problems													
in the field of computer hardware and software.														
	15-1011													
Computer Programmers -		Α	В	С	D	Е	F	G	Н			K		т
Convert project specifications and statements of problem	is and	^		J	U			3			J	r\	_	•
procedures to detailed logical flow charts for coding into														
language. Develop and write computer programs to store														
retrieve specific documents, data, and information. May														
sites.														
	15-1021													

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- time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	Total
	Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559	\$118,560 - 148,719		\$187,200 and over	Employment
Committee Cofficient Franciscom Applications						-	_	•				1/		Т
Computer Software Engineers, Applications - Develop, create, and modify general computer application specialized utility programs. Analyze user needs and devisolutions. Design software or customize software for clie aim of optimizing operational efficiency.	elop software	Α	В	С	D	E	F	G	H		J	К		•
Computer Software Engineers, Systems Software -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Research, develop, and test operating systems-level sof and network distribution software. Set operational specififormulate and analyze software requirements. Apply printechniques of computer science, engineering, and matheanalysis.	cations and nciples and													
Computer Support Specialists -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Help Desk Representative) Provide technical assistant system users. Answer questions or resolve computer proclients.														
Computer Systems Analysts -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Analyze data processing problems for application to electrocessing systems. Analyze user requirements, proced problems to automate or improve existing systems and resystem capabilities, workflow, and scheduling limitations	ures, and eview computer				-	-								
Database Administrators -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Coordinate changes to computer databases, test and im database applying knowledge of database management														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_	-		GE RAI			
		Α	В	С	D	Е	F	G	Н	ı	J	K	L	T
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25	11.49	14.49	18.24	22.74	28.74 \$47,320 -	35.99	45.24	56.99	71.49 \$118,560	89.99	and over \$187.200	Total Employment
	(full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119			\$148,720 - 187,199	,	Linploymon
			· _			_			·					_
Network and Computer Systems Administrators - (LAN/WAN Administrator) Install, configure, and supp	ort on	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
organization's local area network (LAN), wide area netw														
Internet system or a segment of a network system. Main	tain and monitor													
network hardware and software to ensure network availa	ability to all													
system users.														
	15-1071													
Network Systems and Data Communications Analys	ts -	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Internet Developer, Webmaster) Analyze, design, an														
network systems, such as local area networks (LAN), wi														
(WAN), and Internet. Perform network modeling, analysi Research and recommend network and data communication.														
and software. Include telecommunications specialists where														
interfacing of computer and communications equipment.														
	15-1081													
					_	_				_			_	
Operations Research Analysts - Formulate and apply mathematical modeling and other of	antimizina	Α	В	С	D	E	F	G	Н	- 1	J	K	L	Т
methods using a computer to develop and interpret infor														
assists management with decision making, policy formula														
managerial functions.														
	15-2031													
Architecture and Engineering O	ccupation	S												
Computer Hardware Engineers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	T
Research, design, develop, and test computer or compu														
equipment for commercial, industrial, military, or scientification	c use.													
	47.0004													
	17-2061													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	MPLOYI	_	-		_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99 \$148,720	and over	Total Employment
	(full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119		\$118,560 - 148,719			Linploymone
												.,		_
Electronics Engineers, Except Computer - Research, design, and test electronic components and	sveteme utilizina	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
knowledge of electronic theory and materials properties														
electronic circuits and components for use in fields, suc														
telecommunications, aerospace guidance and propulsic acoustics, or instruments and controls.	on control,													
acoustics, or matruments and controls.	47.0070													
	17-2072													
Industrial Engineers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
(Industrial Quality Control Engineer) Design, develo	· ·													
evaluate integrated systems for managing industrial pro- processes including human work factors, quality control														
control, logistics and material flow, cost analysis, and pr														
coordination.														
	17-2112													
Electrical and Electronic Engineering Technicians -		Α	В	С	D	Е	F	G	Н	1	J	К	1	Т
Apply electrical and electronic theory and related knowl	edge, usually					_	•			-			_	·
under the direction of engineering staff, to design, build	repair, calibrate,													
and modify electrical components, circuitry, controls, an	d machinery for													
use by engineering staff.	47.000													
	17-3023													
Industrial Engineering Technicians -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Apply engineering theory and principles to problems of														
or manufacturing production, usually under the direction staff.	of engineering													
Stair.	17-3026													
	17-3020													
Life, Physical, and Social Scienc	e Occupati	ions												
Market Research Analysts -	1	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Research market conditions in local, regional, or national	al areas to													
determine potential sales of a product or service.														
	19-3021													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_	SELECT		_			
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total Employment
	(full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119	\$94,120 - 118,559		\$148,720 - 187,199		Linploymont
Legal Occupations														
Lawyers -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Represent clients in criminal and civil litigation and other proceedings, draw up legal documents, and manage or a legal transactions.														
	23-1011													
Arts, Design, Entertainment, Spe Art Directors - Formulate design concepts and presentation approaches workers engaged in art work, layout design, and copy wr	s, and direct	Medi A	a Oc	cupa c	tion D	S E	F	G	Н	I	J	К	L	Т
communications media, such as magazines, books, new packaging.														
Fine Artists, Including Painters, Sculptors, and Illust	rators -	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Create original artwork using any of a wide variety of me techniques, such as painting and sculpture.														
Multi-Media Artists and Animators -		Α	В	С	D	Е	F	G	н	l i	J	К	L	Т
Create special effects, animation, or other visual images video, computers, or other electronic tools and media for or creations, such as computer games, movies, music vicommercials.	use in products			-				-						
Graphic Designers -		Α	В	С	D	Е	F	G	Н	ı	J	К	L	Т
Design or create graphics to meet a client's specific compromotional needs, such as packaging, displays, or logo														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				l							AGE RA Hourly I			
		Α	В	С	D	Е	F	G	Н	- 1	J	K	L	T
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time)	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total
	Annual Salary	under	\$19,240 -	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 -	\$94,120 -	· \$118,560 - 148,719	\$148,720	\$187,200	Employment
	(full-time only)	\$19,240	23,919	30,159	37,959	47,319	59,799	74,879	94,119	118,559	- 146,719	- 167,199	and over	
Editors -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Perform variety of editorial duties, such as laying out, in revising content of written materials, in preparation for fi														
	27-3041													
Took wind I Writers							-					14		-
Technical Writers - Write technical materials, such as equipment manuals,	appendices, or	Α	В	С	D	E	F	G	Н		J	K	L	Т
operating and maintenance instructions. May assist in la	ayout work.													
	27-3042		L	L							L			
Writers and Authors -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Originate and prepare written material, such as scripts,	stories,													
advertisements, and other material.														
	27-3043													
Building and Grounds Cleaning		enai	nce (Occu	patio	ns								
First-Line Supervisors/Managers of Housekeeping a Workers -	ind Janitorial	Α	В	С	D	E	F	G	н	1	J	К	L	T
Supervise work activities of cleaning personnel in hotels														
offices, and other establishments. These workers have	other employees													
reporting directly to them.														
reporting directly to them.	37-1011													
		A	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Janitors and Cleaners, Except Maids and Housekee Keep buildings in clean and orderly condition. Perform h	ping Cleaners -	Α	В	С	D	E	F	G	Н	I	J	К	L	Т
Janitors and Cleaners, Except Maids and Housekee	ping Cleaners - neavy cleaning	Α	В	С	D	E	F	G	Н	I	J	К	L	T
Janitors and Cleaners, Except Maids and Housekee Keep buildings in clean and orderly condition. Perform I duties, such as cleaning floors, shampooing rugs, wash glass, and removing rubbish. Duties may include tending	ping Cleaners - neavy cleaning ing walls and	A	В	С	D	Е	F	G	Н	I	J	К	L	Т
Janitors and Cleaners, Except Maids and Housekee Keep buildings in clean and orderly condition. Perform I duties, such as cleaning floors, shampooing rugs, wash	ping Cleaners - neavy cleaning ing walls and	Α	В	С	D	Е	F	G	Н	I	J	К	L	T

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	R OF EI t Part-ti	_	_			_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	Total
	Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879			\$118,560 - 148,719			Employment
Sales and Related Occupations	, , , , , , , , , , , , , , , , , , , ,	•												
First-Line Supervisors/Managers of Non-Retail Sales		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Directly supervise and coordinate activities of sales work retail sales workers. May perform duties, such as budger personnel work. These workers have other employees reto them.	ting and													
	41-1012													
Sales Representatives, Wholesale and Manufacturing and Scientific Products -		Α	В	С	D	E	F	G	н	I	J	К	L	Т
Sell goods for wholesalers or manufacturers where technic knowledge is required in such areas as biology, enginee and electronics, normally obtained from at least 2 years secondary education.	ring, chemistry,													
	41-4011													
Sales Representatives, Wholesale and Manufacturing Technical and Scientific Products -	g, Except	Α	В	С	D	Е	F	G	н	ı	J	К	L	т
Sell goods for wholesalers or manufacturers to business individuals. Work requires substantial knowledge of item														
Office and Administrative Supportions: First-Line Supervisors/Managers of Office and Administrative Supervisors/Managers of Office and Administrative Supportions (No. 1) (No		ation	S											
Support Workers -		Α	В	С	D	Е	F	G	Н	I	J	К	L	Т
Supervise and coordinate the activities of clerical and adsupport workers. These workers have other employees to them.	reporting directly													
	43-1011													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				l	_	R OF EI t Part-ti	_	_	-		_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total Employment
	(full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879		\$94,120 - 118,559		\$148,720 - 187,199		Linploymont
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 receiv posting amount to customers' account; preparing statem department if customer fails to respond; initiating reposs	ing payment and ents to credit	^	5	· ·	D		•	0			•	K	-	
proceedings or service disconnection.	43-3011													
Billing and Posting Clerks and Machine Operators -		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
Compile, compute, and record billing, accounting, statist numerical data for billing purposes. Prepare billing invoic rendered or for delivery or shipment of goods.														
Bookkeeping, Accounting, and Auditing Clerks -		Α	В	С	D	Е	F	G	Н	ı	J	K	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													
Customer Service Representatives -		Α	В	С	D	Е	F	G	Н	ı	J	K		Т
Interact with customers to provide information in responsabout products and services and to handle and resolve of Exclude individuals whose duties are primarily sales or response to the customers of the customers and the customers of the custom	complaints.	^		J		_	•	3		·	,	.,	_	·

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES				ı	_	_	_	_	-		GE RAI			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25 under	11.49 \$19,240 -	14.49 •\$23,920 -	18.24 \$30,160 -	22.74 \$37,960 -	28.74 \$47,320 -	35.99 \$59,800 -	45.24	56.99	71.49 \$118,560	89.99	and over	Total Employment
	(full-time only)	\$19,240		. ,	37,959	47,319	59,799	74,879			- 148,719			
File Clerks -			В	С	D	Е	F	G	Н			K		Т
(Tape Librarian) File correspondence, cards, invoices, other records in alphabetical or numerical order or accor system used. Locate and remove material from file whe	rding to the filing n requested.	A	В	C	ט	-	•	9	п	-	J	K		
	43-4071													
Order Clerks -		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
Receive and process incoming orders for materials, mer classified ads, or services such as repairs, installations, facilities. Duties include informing customers of receipt, dates, and delays; preparing contracts; and handling contracts.	or rental of prices, shipping													
Human Resources Assistants, Except Payroll and Ti	mekeeping -	Α	В	С	D	Е	F	G	Н	ı	J	K	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.	ls. Record data absences, and ports from													
Receptionists and Information Clerks -		Α	В	С	D	Е	F	G	Н			K		т
Answer inquiries and obtain information for general publ visitors, and other interested parties. Provide information activities conducted at establishment; location of departr and employees within organization.	regarding	A	Б	Ü			r	3	.,	-	J	K		·
Couriers and Messengers -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Pick up and carry messages, documents, packages, and between offices or departments within an establishment business concerns.														

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					_	_	_	_	-	ΓED WA g to an l	_			
DESCRIPTION OF DUTIES		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
	Hourly (part- time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	\$18.25 - 22.74	\$22.75 - 28.74	\$28.75 - 35.99	\$36.00 - 45.24	\$45.25 - 56.99	\$57.00 - 71.49	\$71.50 - 89.99	\$90.00 and over	Total
	Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879	\$74,880 - 94,119		\$118,560 - 148,719			Employment
Production, Planning, and Expediting Clerks -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Assignment Agent) Coordinate and expedite the flow materials within or between departments of an establishm to production schedule. Duties include reviewing and dist production, work, and shipment schedules; and compiling progress of work, inventory levels, costs, and production	nent according ributing g reports on													
Shipping, Receiving, and Traffic Clerks -		Α	В	С	D	Е	F	G	Н		J	K	L	Т
Verify and keep records on incoming and outgoing shipm items for shipment. Duties include assembling, addressin and shipping merchandise or material; receiving, unpacki and recording incoming merchandise or material; and arr transportation of products.	g, stamping, ng, verifying			•	,	-				·	Ū	·		
Executive Secretaries and Administrative Assistants	-	Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
Provide administrative support by performing clerical and tasks. Higher-level executive assistants and administrativ may also conduct independent projects and assume grearesponsibilities.	e assistants													
Secretaries, Except Legal, Medical, and Executive -		Α	В	С	D	Е	F	G	Н	1	1	К	-	Т
Perform clerical and routine administrative functions such correspondence, scheduling appointments, filing, or provinformation.			В	Ü	J			G	"	,	J	T\	_	·
Computer Operators -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Peripheral Equipment Operator) Monitor and control computer and peripheral electronic data processing equipprocess business, scientific, engineering, and other data operating instructions.	oment to													

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES					(Repor	t Part-ti	MPLOYI	kers Ac	cording		_	Rate)		
_		Α	В	С	D	E	F	G	Н	ı	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time)	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total Employment
	Annual Salary (full-time only)	under \$19,240	\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959	\$37,960 - 47,319	\$47,320 - 59,799	\$59,800 - 74,879				\$148,720 - 187,199		Lilipioyillelit
	(Iuli-tillie Orliy)	Ψ10,240	20,515	50,155	01,000	47,013	00,700	74,073	34,113	110,000	140,713	107,100	and over	
Data Entry Keyers -		Α	В	С	D	E	F	G	Н	ı	J	K	L	T
(Keypunch Operator) Operate data entry device, such photo composing perforator.	43-9021													
Word Processors and Typists -		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
(Composing Data Keyer) Use word processor/compute to type letters, reports, forms, or other material from rough corrected copy, or voice recording.														
Mail Clerks and Mail Machine Operators, Except Post. Prepare incoming and outgoing mail for distribution. Use handling machines to time stamp, open, read, sort, and romail; and address, stamp, fold, stuff, seal, and affix posta mail or packages.	hand or mail oute incoming	A	В	С	D	E	F	G	Н	ı	J	К	L	Т
Office Clerks, General -		Α	В	С	D	Е	F	G	н	ı	J	К	L	Т
Perform duties too varied and diverse to be classified in a office clerical occupation, requiring limited knowledge of comanagement systems and procedures. Clerical duties may in accordance with the office procedures of individual establishment.	office ay be assigned	•	_	•		_	·	,			·		_	
Office Machine Operators, Except Computer -					_	-	F	_				1/		
Operate one or more of a variety of office machines, such photocopying, photographic, and duplicating machines, o machines.		A	В	С	D	Е	r	G	Н		J	К	L	

OCCUPATIONAL TITLE AND DESCRIPTION OF DUTIES											AGE RAI Hourly F			
DESCRIPTION OF DETIES		Α	В	С	D	Е	F	G	Н	- 1	J	K	L	Т
	Hourly (part-	under	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -	\$45.25 -	\$57.00 -	\$71.50 -	\$90.00	
	time or full-time)	\$9.25	11.49	14.49	18.24	22.74	28.74	35.99	45.24	56.99	71.49	89.99	and over	Total
	Annual Salary	under	\$19,240 -	\$23,920 -	\$30,160 -	\$37,960 -	\$47,320 -	\$59,800 -			\$118,560			Employmen
	(full-time only)	\$19,240	23,919	30,159	37,959	47,319	59,799	74,879	94,119	118,559	- 148,719	- 187,199	and over	
nstallation, Maintenance, and		upat	tions	3										
First-Line Supervisors/Managers of Mechanics, Inst	allers, and	Α	В	С	D	Е	F	G	н	1	J	K	L	Т
Repairers -	otolloro end													
Supervise and coordinate the activities of mechanics, in repairers. These workers have other employees reporti														
them.	ig directly to													
uloni.	40.4044													
	49-1011													
Computer, Automated Teller, and Office Machine Ro	epairers -	Α	В	С	D	Е	F	G	н		J	K	L	Т
Repair, maintain, or install computers, word processing		- , ,				_	•			•		•••	_	•
automated teller machines, and electronic office machines														
duplicating and fax machines.	,													
	49-2011	ł												
	10 2011													
Maintenance and Repair Workers, General -		Α	В	С	D	E	F	G	Н	- 1	J	K	L	Т
(Maintenance Mechanic) Perform work involving the	skills of two or													
more maintenance or craft occupations to keep machin														
equipment, or the structure of an establishment in repair	r.													
	49-9042	1												
Production Occupations														
Photographic Process Workers -		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
Perform precision work involved in photographic proces														
editing photographic negatives and prints, using photo-	mechanical,													
chemical, or computerized methods.														
	51-9131	1												
														T
										Subto	otal			
										Empl	oymen	t		
										pi	- , , , , , , , , , , , , , , , , , , ,			

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	NUMBER OF EMPLOYEES IN SELECTED WAGE RANGES (Report Part-time Workers According to an Hourly Rate)													
DESCRIPTION OF DUTIES			T							to an I			1	
DEBOUNT FION OF BUILDS	Hourly (part- time or full-time)	under \$9.25	\$9.25 - 11.49	\$11.50 - 14.49	\$14.50 - 18.24	E \$18.25 - 22.74	F \$22.75 - 28.74	G \$28.75 - 35.99	H \$36.00 - 45.24	\$45.25 - 56.99	J \$57.00 - 71.49	K \$71.50 - 89.99	\$90.00 and over	T Total
	Annual Salary (full-time only)		\$19,240 - 23,919	\$23,920 - 30,159	\$30,160 - 37,959		\$47,320 -	\$59,800 - 74,879		\$94,120 -	\$118,560 - 148,719	\$148,720		Employment
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
		Α	В	С	D	E	F	G	Н	I	J	К	L	Т
		Α	В	С	D	Е	F	G	Н	I	J	K	L	Т
		Α	В	С	D	E	F	G	Н	I	J	K	L	Т
FOR OFFICE Schedule Number	NAICS Code	Unit ⁻	Total Employ	yment	Review	wed By	Date Re	eviewed		Subto	tal Emp pa	loymen ge	t - this	
USE ONLY										Total E	mployr on thi	ment ide s form	entified	

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	\$9.25 -	\$11.50 -	\$14.50 -	\$18.25 -	\$22.75 -	\$28.75 -	\$36.00 -		\$57.00 -	\$71.50 -	\$90.00	
	time or full-time) Annual Salary	\$9.25 under	11.49 \$19,240 -	14.49 \$23,920 -	18.24 \$30,160 -	22.74 \$37,960 -	28.74 \$47,320 -	35.99 \$50.800 -	45.24 \$74,880 -	56.99 \$94.120 -	71.49	89.99 \$148,720	and over	Total Employmen
	(full-time only)	\$19,240	23,919	30,159	37,959	47,319	59,799	74,879	94,119	118,559	- 148,719			1 - 7 -
		Α	В	С	D	E	F	G	Н	ı	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	K	L	Т
		Α	В	С	D	Е	F	G	Н		J	K	L	Т
		А	В	C	U		F	G	П	•	J	N.	L	
		Α	В	С	D	Е	F	G	Н	ı	J	K	L	Т
_														
FIPS Schedule Number	NAICS Code	Unit T	Total Employ	yment	Revie	wed By	Date R	eviewed		Subto	tal Emp	loymen ge	t - this	
FOR OFFICE														
USE ONLY										Total Employment identified				
										on this form				