

# Projected Employment Opportunities List



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**2016-2017**

# **Projected Employment Opportunities List 2016-2017**

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# INTRODUCTION

## Contents

The *Projected Employment Opportunities List* contains information on occupations and training programs. The list has two parts. The first column lists the occupation's SOC (Standard Occupational Classification) Code and title. A statewide estimated annual mean wage is given for each occupation as well. The second part begins with column four, which lists the corresponding CIP (Classification of Instructional Programs) Code and title for the occupation. If an occupation has no corresponding CIP Code, it is noted.

## Methodology

The following process was used to determine the *Projected Employment Opportunities List*.

- Determining the state list:
  1. Obtained a list of the top five growth occupations within the top 25 growth industries for the state from the short-term projections program. Information from the Arkansas Economic Development Commission is factored into the development of short-term projections.
  2. Obtained a list of occupations across all industries ranked by the number of projected annual job openings for the state from the short-term projections program. A state demand committee (designated by Workforce Development Board staff) examined this list for clustering points and determined a cut-off level.
  3. The two lists were combined. This produced a list of occupations.
  4. Using a crosswalk, the occupations were matched to corresponding CIP Codes.
  5. Occupations can be added to the list after its initial release with supporting documentation and the approval of all ten Local Workforce Development Areas (See section below-Adding to the List).
- Determining the Local Workforce Area lists (determined individually):
  1. Obtained a list of the top three growth occupations within the top 10 growth industries for the Local Workforce Development Area from the short-term projections program. Information from the Arkansas Economic Development Commission is factored into the development of short-term projections.
  2. Obtained a list of occupations across all industries ranked by the number of projected annual job openings for the Local Workforce Development Area from the short-term projections program. The list was examined for clustering points, and a cut-off level was negotiated with the local area.
  3. The two lists were then combined. This produced a list of occupations.
  4. The local area has/had the option of adding up to five targeted occupations that are/were not reflected on the list above.
  5. Using a crosswalk, the occupations on the local area list were matched to corresponding CIP Codes.
  6. Occupations can be added to the lists after their official release with supporting documentation (See section below-Adding to the List).

*Please Note: An occupation is considered to be in demand in a Local Workforce Development Area if it is on the State list or the local area list.*

### **Adding to the List**

Local areas will be required to submit proper supporting documentation. One or more of the following types of documentation will be accepted:

1. Proof that the course content of the training program not on the list is substantially (more than 50%) contained within a training program that is on the list.
2. A collection of letters (minimum of three) from employers stating their current intention to hire and a recurring need for individuals trained in the program.
3. Proof that the training program experiences repeated high placement and wage.
4. Results from labor market surveys that utilize reliable procedures (i.e., survey of local employers to see how many workers they anticipate needing within the next year).
5. Proof from Chambers of Commerce, the Arkansas Economic Development Commission and/or local industrial development organizations of the verified need for additional trained workers in the training program.
6. Information that relates to staffing patterns. Examples include plant openings or expansions, plant closings or occupation obsolescence, emerging occupations related to technical changes or other salient causative factors.

An occupation will be added to the state list only if the documentation supports the occupation statewide and all ten local areas are in agreement that it should be added.

The documentation above is/was not required for the five targeted occupations that the local area has/had the option of adding.

**Projected Employment Opportunities List 2016-2017  
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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
11-1011	Chief Executives	N/A	44.0401 52.0101 52.0201 52.0701 52.0801 52.1101 52.1301	Public Administration. Business/Commerce, General. Business Administration and Management, General. Entrepreneurship/Entrepreneurial Studies. Finance, General. International Business/Trade/Commerce. Management Science.
11-1021	General and Operations Managers	\$84,920	31.0399 44.0401 52.0101 52.0201 52.0212 52.0701 52.0801 52.1101 52.1301	Parks, Recreation and Leisure Facilities Management, Other. Public Administration. Business/Commerce, General. Business Administration and Management, General. Retail Management. Entrepreneurship/Entrepreneurial Studies. Finance, General. International Business/Trade/Commerce. Management Science.
11-1031	Legislators	\$18,910	44.0401 44.0501	Public Administration. Public Policy Analysis, General.
11-2021	Marketing Managers	\$125,030	19.0203 19.0905 51.2011 52.1401 52.1402 52.1403 52.1499	Consumer Merchandising/Retailing Management. Apparel and Textile Marketing Management. Pharmaceutical Marketing and Management. Marketing/Marketing Management, General. Marketing Research. International Marketing. Marketing, Other.
11-2022	Sales Managers	\$114,090	19.0203 51.2011 52.0101	Consumer Merchandising/Retailing Management. Pharmaceutical Marketing and Management. Business/Commerce, General.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0201 52.1401	Business Administration and Management, General. Marketing/Marketing Management, General.
11-3011	Administrative Services Managers	\$80,470	51.0711 52.0101 52.0201 52.0202	Medical/Health Management and Clinical Assistant/Specialist. Business/Commerce, General. Business Administration and Management, General. Purchasing, Procurement/Acquisitions and Contracts Management.
11-3021	Computer and Information Systems Managers	\$108,640	11.0101 11.0103 11.0401 11.0701 11.1001 11.1003 11.1005 52.0205 52.1201 52.1206 52.1207	Computer and Information Sciences, General. Information Technology. Information Science/Studies. Computer Science. Network and System Administration/Administrator. Computer and Information Systems Security/Information Assurance. Information Technology Project Management. Operations Management and Supervision. Management Information Systems, General. Information Resources Management. Knowledge Management.
11-3031	Financial Managers	\$99,060	52.0304 52.0305 52.0801 52.0806 52.0808 52.0809 52.0899	Accounting and Finance. Accounting and Business/Management. Finance, General. International Finance. Public Finance. Credit Management. Finance and Financial Management Services, Other.
11-3051	Industrial Production Managers	\$87,070	14.3501 15.1501 52.0101 52.0201	Industrial Engineering. Engineering/Industrial Management. Business/Commerce, General. Business Administration and Management, General.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0203 52.0205	Logistics, Materials, and Supply Chain Management. Operations Management and Supervision.
11-3071	Transportation, Storage, and Distribution Managers	\$99,550	44.0401 49.0101 49.0104 52.0101 52.0201 52.0203 52.0209	Public Administration. Aeronautics/Aviation/Aerospace Science and Technology, General. Aviation/Airway Management and Operations. Business/Commerce, General. Business Administration and Management, General. Logistics, Materials, and Supply Chain Management. Transportation/Mobility Management.
11-3121	Human Resources Managers	\$87,570	52.1001 52.1002	Human Resources Management/Personnel Administration, General. Labor and Industrial Relations.
11-9013	Farmers, Ranchers, and Other Agricultural Managers	\$88,090	01.0101 01.0102 01.0104 01.0199 01.0301 01.0302 01.0303 01.0304 01.0306 01.0307 01.0308 01.0309 01.0399 01.0601 01.0603 01.0604 01.0606	Agricultural Business and Management, General. Agribusiness/Agricultural Business Operations. Farm/Farm and Ranch Management. Agricultural Business and Management, Other. Agricultural Production Operations, General. Animal/Livestock Husbandry and Production. Aquaculture. Crop Production. Dairy Husbandry and Production. Horse Husbandry/Equine Science and Management. Agroecology and Sustainable Agriculture. Viticulture and Enology. Agricultural Production Operations, Other. Applied Horticulture/Horticulture Operations, General. Ornamental Horticulture. Greenhouse Operations and Management. Plant Nursery Operations and Management.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.0901 01.0902 01.0903 01.0904 01.0905 01.0906 01.0907 01.0999 01.1101 01.1102 01.1103 01.1105 01.1106	Animal Sciences, General. Agricultural Animal Breeding. Animal Health. Animal Nutrition. Dairy Science. Livestock Management. Poultry Science. Animal Sciences, Other. Plant Sciences, General. Agronomy and Crop Science. Horticultural Science. Plant Protection and Integrated Pest Management. Range Science and Management.
11-9021	Construction Managers	\$72,420	15.1001 52.0101 52.0201 52.0205 52.2001	Construction Engineering Technology/Technician. Business/Commerce, General. Business Administration and Management, General. Operations Management and Supervision. Construction Management.
11-9031	Education Administrators, Preschool and Childcare Center/Program	\$48,270	13.0401 13.0404 13.0411	Educational Leadership and Administration, General. Educational, Instructional, and Curriculum Supervision. Superintendency and Educational System Administration.
11-9032	Education Administrators, Elementary and Secondary School	\$76,190	13.0401 13.0404 13.0408 13.0409 13.0411	Educational Leadership and Administration, General. Educational, Instructional, and Curriculum Supervision. Elementary and Middle School Administration/Principalship. Secondary School Administration/Principalship. Superintendency and Educational System Administration.
11-9033	Education Administrators, Postsecondary	\$83,780	13.0401 13.0404	Educational Leadership and Administration, General. Educational, Instructional, and Curriculum Supervision.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			13.0406 13.0407	Higher Education/Higher Education Administration. Community College Education.
11-9051	Food Service Managers	\$47,020	12.0504 12.0509 12.0510 19.0505 52.0901 52.0904 52.0905 52.0909	Restaurant, Culinary, and Catering Management/Manager. Culinary Science/Culinology. Wine Steward/Sommelier. Foodservice Systems Administration/Management. Hospitality Administration/Management, General. Hotel/Motel Administration/Management. Restaurant/Food Services Management. Hotel, Motel, and Restaurant Management.
11-9081	Lodging Managers	\$45,540	52.0901 52.0904 52.0905 52.0906 52.0909 52.1910	Hospitality Administration/Management, General. Hotel/Motel Administration/Management. Restaurant/Food Services Management. Resort Management. Hotel, Motel, and Restaurant Management. Hospitality and Recreation Marketing Operations.
11-9111	Medical and Health Services Managers	\$81,250	44.0503 51.0701 51.0702 51.0704 51.0706 51.0718 51.0719 51.2201 51.2208 51.2211 51.3802 51.3818	Health Policy Analysis. Health/Health Care Administration/Management. Hospital and Health Care Facilities Administration/Management. Health Unit Manager/Ward Supervisor. Health Information/Medical Records Administration/Administrator. Long Term Care Administration/Management. Clinical Research Coordinator. Public Health, General. Community Health and Preventive Medicine. Health Services Administration. Nursing Administration. Nursing Practice.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
11-9141	Property, Real Estate, and Community Association Managers	\$42,490	04.1001 52.1501	Real Estate Development. Real Estate.
11-9151	Social and Community Service Managers	\$51,350	44.0000 44.0201 44.0401 44.0701 44.0702 44.0799 52.0101 52.0201 52.0206	Human Services, General. Community Organization and Advocacy. Public Administration. Social Work. Youth Services/Administration. Social Work, Other. Business/Commerce, General. Business Administration and Management, General. Non-Profit/Public/Organizational Management.
13-1022	Wholesale and Retail Buyers, Except Farm Products	N/A	12.0510 19.0905 52.1801 52.1802 52.1899 52.1902 52.1904	Wine Steward/Sommelier. Apparel and Textile Marketing Management. Sales, Distribution, and Marketing Operations, General. Merchandising and Buying Operations. General Merchandising, Sales, & Related Marketing Operations, Other. Fashion Merchandising. Apparel and Accessories Marketing Operations.
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$52,880	52.1801 52.1899	Sales, Distribution, and Marketing Operations, General. General Merchandising, Sales, & Related Marketing Operations, Other.
13-1031	Claims Adjusters, Examiners, and Investigators	\$62,560	51.0715 52.1701	Health/Medical Claims Examiner. Insurance.
13-1041	Compliance Officers	\$52,960		NO MATCHING CIP
13-1051	Cost Estimators	\$56,350	14.1801 14.1901 14.3301 14.3601 15.1001	Materials Engineering. Mechanical Engineering. Construction Engineering. Manufacturing Engineering. Construction Engineering Technology/Technician.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0101 52.0201	Business/Commerce, General. Business Administration and Management, General.
13-1071	Human Resources Specialists	\$51,620	52.1001 52.1003 52.1099	Human Resources Management/Personnel Administration, General. Organizational Behavior Studies. Human Resources Management and Services, Other.
13-1081	Logisticians	\$65,840	52.0205	Operations Management and Supervision.
13-1111	Management Analysts	\$58,040	52.0101 52.0201 52.0213	Business/Commerce, General. Business Administration and Management, General. Organizational Leadership.
13-1151	Training and Development Specialists	\$51,520	52.1001 52.1005	Human Resources Management/Personnel Administration, General. Human Resources Development.
13-1161	Market Research Analysts and Marketing Specialists	\$63,240	19.0203 45.0602 52.1401 52.1402 52.1403	Consumer Merchandising/Retailing Management. Applied Economics. Marketing/Marketing Management, General. Marketing Research. International Marketing.
13-2011	Accountants and Auditors	\$62,430	30.1601 43.0117 52.0301 52.0303 52.0304 52.0305 52.1601	Accounting and Computer Science. Financial Forensics and Fraud Investigation. Accounting. Auditing. Accounting and Finance. Accounting and Business/Management. Taxation.
13-2021	Appraisers and Assessors of Real Estate	\$40,550	04.1001 52.1501	Real Estate Development. Real Estate.
13-2051	Financial Analysts	\$68,230	27.0305 52.0304 52.0305	Financial Mathematics. Accounting and Finance. Accounting and Business/Management.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0801 52.0806 52.0807 52.0808	Finance, General. International Finance. Investments and Securities. Public Finance.
13-2052	Personal Financial Advisors	\$95,040	52.0801 52.0804	Finance, General. Financial Planning and Services.
13-2072	Loan Officers	\$62,950	52.0801 52.0809	Finance, General. Credit Management.
13-2081	Tax Examiners and Collectors, and Revenue Agents	\$50,090	52.0301 52.1601	Accounting. Taxation.
13-2082	Tax Preparers	\$22,340	52.0302 52.1601	Accounting Technology/Technician and Bookkeeping. Taxation.
15-1121	Computer Systems Analysts	\$68,680	11.0101 11.0103 11.0501 11.0901	Computer and Information Sciences, General. Information Technology. Computer Systems Analysis/Analyst. Computer Systems Networking and Telecommunications.
15-1122	Information Security Analysts	\$70,410	11.0103 11.0701 11.0901 11.1001 11.1002 11.1003 11.1005 43.0116	Information Technology. Computer Science. Computer Systems Networking and Telecommunications. Network and System Administration/Administrator. System, Networking, and LAN/WAN Management/Manager. Computer and Information Systems Security/Information Assurance. Information Technology Project Management. Cyber/Computer Forensics and Counterterrorism.
15-1131	Computer Programmers	\$70,310	11.0201 11.0202 11.0203 11.0299	Computer Programming/Programmer, General. Computer Programming, Specific Applications. Computer Programming, Vendor/Product Certification. Computer Programming, Other.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0701 11.0803 11.0804 15.1204 51.0709 52.1201	Computer Science. Computer Graphics. Modeling, Virtual Environments and Simulation. Computer Software Technology/Technician. Medical Office Computer Specialist/Assistant. Management Information Systems, General.
15-1132	Software Developers, Applications	\$81,710	11.0102 11.0103 11.0104 11.0201 11.0202 11.0701 11.0804 14.0901 14.0903 15.1204 26.1103 51.2706	Artificial Intelligence. Information Technology. Informatics. Computer Programming/Programmer, General. Computer Programming, Specific Applications. Computer Science. Modeling, Virtual Environments and Simulation. Computer Engineering, General. Computer Software Engineering. Computer Software Technology/Technician. Bioinformatics. Medical Informatics.
15-1133	Software Developers, Systems Software	\$70,170	11.0102 11.0103 11.0104 11.0201 11.0202 11.0401 11.0701 14.0901 14.0903 15.1204	Artificial Intelligence. Information Technology. Informatics. Computer Programming/Programmer, General. Computer Programming, Specific Applications. Information Science/Studies. Computer Science. Computer Engineering, General. Computer Software Engineering. Computer Software Technology/Technician.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
15-1134	Web Developers	\$56,380	11.0201 11.0701 11.0801 11.1004	Computer Programming/Programmer, General. Computer Science. Web Page, Digital/Multimedia and Information Resources Design. Web/Multimedia Management and Webmaster.
15-1141	Database Administrators	\$75,730	11.0101 11.0802 11.1003	Computer and Information Sciences, General. Data Modeling/Warehousing and Database Administration. Computer and Information Systems Security/Information Assurance.
15-1142	Network and Computer Systems Administrators	\$67,030	11.0101 11.1001 11.1003	Computer and Information Sciences, General. Network and System Administration/Administrator. Computer and Information Systems Security/Information Assurance.
15-1143	Computer Network Architects	\$86,930	11.0101 11.0103 11.0501 11.0901 11.1001 11.1003 14.0901 14.0999	Computer and Information Sciences, General. Information Technology. Computer Systems Analysis/Analyst. Computer Systems Networking and Telecommunications. Network and System Administration/Administrator. Computer and Information Systems Security/Information Assurance. Computer Engineering, General. Computer Engineering, Other.
15-1151	Computer User Support Specialists	\$39,960	01.0106 11.1006 51.0709	Agricultural Business Technology. Computer Support Specialist. Medical Office Computer Specialist/Assistant.
15-1152	Computer Network Support Specialists	\$52,130	11.0201 11.0501 11.0701 11.0901 11.1001 11.1002	Computer Programming/Programmer, General. Computer Systems Analysis/Analyst. Computer Science. Computer Systems Networking and Telecommunications. Network and System Administration/Administrator. System, Networking, and LAN/WAN Management/Manager.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.1003 11.1006	Computer and Information Systems Security/Information Assurance. Computer Support Specialist.
15-2031	Operations Research Analysts	\$65,120	14.3701 52.1301	Operations Research. Management Science.
17-2051	Civil Engineers	\$77,070	14.0801 14.0802 14.0803 14.0804 14.0805 14.0899 14.3301	Civil Engineering, General. Geotechnical and Geoenvironmental Engineering. Structural Engineering. Transportation and Highway Engineering. Water Resources Engineering. Civil Engineering, Other. Construction Engineering.
17-2112	Industrial Engineers	\$73,180	14.3501 14.3601 15.1503	Industrial Engineering. Manufacturing Engineering. Packaging Science.
17-2141	Mechanical Engineers	\$75,120	14.1901 14.4101	Mechanical Engineering. Electromechanical Engineering.
19-3031	Clinical, Counseling, and School Psychologists	\$64,300	42.0101 42.2703 42.2801 42.2803 42.2805 42.2807 42.2809 42.2810 42.2814 51.1507	Psychology, General. Developmental and Child Psychology. Clinical Psychology. Counseling Psychology. School Psychology. Clinical Child Psychology. Geropsychology. Health/Medical Psychology. Applied Behavior Analysis. Psychoanalysis and Psychotherapy.
19-4011	Agricultural and Food Science Technicians	\$37,590	01.1002	Food Technology and Processing.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
21-1012	Educational, Guidance, School, and Vocational Counselors	\$52,200	13.1101 13.1102 13.1199	Counselor Education/School Counseling and Guidance Services. College Student Counseling and Personnel Services. Student Counseling and Personnel Services, Other.
21-1014	Mental Health Counselors	\$49,300	51.1501 51.1503 51.1506 51.1508	Substance Abuse/Addiction Counseling. Clinical/Medical Social Work. Clinical Pastoral Counseling/Patient Counseling. Mental Health Counseling/Counselor.
21-1021	Child, Family, and School Social Workers	\$35,230	43.0110 44.0701 44.0702 44.0799	Juvenile Corrections. Social Work. Youth Services/Administration. Social Work, Other.
21-1022	Healthcare Social Workers	\$43,800	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1023	Mental Health and Substance Abuse Social Workers	\$38,030	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1092	Probation Officers and Correctional Treatment Specialists	\$37,560	44.0701	Social Work.
21-1093	Social and Human Service Assistants	\$27,610	19.0710 44.0000	Developmental Services Worker. Human Services, General.
21-2011	Clergy	\$44,530	39.0601 39.0602 39.0604 39.0605 39.0699 39.0701 39.0702	Theology/Theological Studies. Divinity/Ministry. Pre-Theology/Pre-Ministerial Studies. Rabbinical Studies. Theological and Ministerial Studies, Other. Pastoral Studies/Counseling. Youth Ministry.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			39.0703 51.1506	Urban Ministry. Clinical Pastoral Counseling/Patient Counseling.
21-2021	Directors, Religious Activities and Education	\$35,230	39.0201 39.0301 39.0401 39.0702 39.0704 39.0705	Bible/Biblical Studies. Missions/Missionary Studies and Missiology. Religious Education. Youth Ministry. Women's Ministry. Lay Ministry.
23-1011	Lawyers	\$100,320	22.0101 22.0201 22.0202 22.0203 22.0204 22.0205 22.0206 22.0207 22.0208 22.0209 22.0210 22.0211 22.0212 22.0299	Law. Advanced Legal Research/Studies, General. Programs for Foreign Lawyers. American/U.S. Law/Legal Studies/Jurisprudence. Canadian Law/Legal Studies/Jurisprudence. Banking, Corporate, Finance, and Securities Law. Comparative Law. Energy, Environment, and Natural Resources Law. Health Law. International Law and Legal Studies. International Business, Trade, and Tax Law. Tax Law/Taxation. Intellectual Property Law. Legal Research and Advanced Professional Studies, Other.
23-2011	Paralegals and Legal Assistants	\$39,220	22.0302	Legal Assistant/Paralegal.
25-1011	Business Teachers, Postsecondary	\$79,070	13.1303 13.1310 52.0101 52.0201 52.0202	Business Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Ed. Business/Commerce, General. Business Administration and Management, General. Purchasing, Procurement/Acquisitions and Contracts Management.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0203	Logistics, Materials, and Supply Chain Management.
			52.0205	Operations Management and Supervision.
			52.0210	Research and Development Management.
			52.0211	Project Management.
			52.0212	Retail Management.
			52.0213	Organizational Leadership.
			52.0301	Accounting.
			52.0501	Business/Corporate Communications.
			52.0701	Entrepreneurship/Entrepreneurial Studies.
			52.0702	Franchising and Franchise Operations.
			52.0801	Finance, General.
			52.0804	Financial Planning and Services.
			52.0806	International Finance.
			52.0807	Investments and Securities.
			52.0808	Public Finance.
			52.0909	Hotel, Motel, and Restaurant Management.
			52.1001	Human Resources Management/Personnel Administration, General.
			52.1002	Labor and Industrial Relations.
			52.1003	Organizational Behavior Studies.
			52.1101	International Business/Trade/Commerce.
			52.1301	Management Science.
			52.1302	Business Statistics.
			52.1304	Actuarial Science.
			52.1401	Marketing/Marketing Management, General.
			52.1402	Marketing Research.
			52.1403	International Marketing.
			52.1701	Insurance.
			52.2101	Telecommunications Management.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
25-1071	Health Specialties Teachers, Postsecondary	\$110,500	13.1327 26.0999 26.1099 26.1102 26.1309 44.0503 51.0101 51.0201 51.0202 51.0203 51.0204 51.0401 51.0501 51.0601 51.0602 51.0603 51.0802 51.0803 51.0805 51.0808 51.0901 51.0902 51.0903 51.0904 51.0905 51.0906 51.0907	Health Occupations Teacher Education. Physiology, Pathology, and Related Sciences, Other. Pharmacology and Toxicology, Other. Biostatistics. Epidemiology. Health Policy Analysis. Chiropractic. Communication Sciences and Disorders, General. Audiology/Audiologist. Speech-Language Pathology/Pathologist. Audiology/Audiologist and Speech-Language Pathology/Pathologist. Dentistry. Dental Clinical Sciences, General. Dental Assisting/Assistant. Dental Hygiene/Hygienist. Dental Laboratory Technology/Technician. Clinical/Medical Laboratory Assistant. Occupational Therapist Assistant. Pharmacy Technician/Assistant. Veterinary/Animal Health Technology/Technician & Veterinary Assistant. Cardiovascular Technology/Technologist. Electrocardiograph Technology/Technician. Electroneurodiagnostic/Electroencephalographic Technology/Technologist. Emergency Medical Technology/Technician (EMT Paramedic). Nuclear Medical Technology/Technologist. Perfusion Technology/Perfusionist. Medical Radiologic Technology/Science - Radiation Therapist.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			51.0908	Respiratory Care Therapy/Therapist.
			51.0909	Surgical Technology/Technologist.
			51.0910	Diagnostic Medical Sonography/Sonographer & Ultrasound Technician.
			51.0912	Physician Assistant.
			51.1001	Blood Bank Technology Specialist.
			51.1002	Cytotechnology/Cytotechnologist.
			51.1003	Hematology Technology/Technician.
			51.1004	Clinical/Medical Laboratory Technician.
			51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
			51.2001	Pharmacy.
			51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.
			51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other.
			51.2201	Public Health, General.
			51.2202	Environmental Health.
			51.2205	Health/Medical Physics.
			51.2206	Occupational Health and Industrial Hygiene.
			51.2207	Public Health Education and Promotion.
			51.2212	Behavioral Aspects of Health.
			51.2301	Art Therapy/Therapist.
			51.2302	Dance Therapy/Therapist.
			51.2305	Music Therapy/Therapist.
			51.2306	Occupational Therapy/Therapist.
			51.2307	Orthotist/Prosthetist.
			51.2308	Physical Therapy/Therapist.
			51.2309	Therapeutic Recreation/Recreational Therapy.
			51.2310	Vocational Rehabilitation Counseling/Counselor.
			51.2313	Animal-Assisted Therapy.
			51.2314	Rehabilitation Science.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			51.2401 51.2501 51.3501 51.3502 51.3603	Veterinary Medicine. Veterinary Sciences/Veterinary Clinical Sciences, General. Massage Therapy/Therapeutic Massage. Asian Bodywork Therapy. Hypnotherapy/Hypnotherapist.
25-1191	Graduate Teaching Assistants	\$24,760		NO MATCHING CIP
25-1194	Vocational Education Teachers, Postsecondary	\$45,590	13.1301 13.1303 13.1309 13.1310 13.1319 13.1320 13.1327 49.0205	Agricultural Teacher Education. Business Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Ed. Technical Teacher Education. Trade and Industrial Teacher Education. Health Occupations Teacher Education. Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
25-2011	Preschool Teachers, Except Special Education	\$30,330	13.1209 13.1210 19.0708	Kindergarten/Preschool Education and Teaching. Early Childhood Education and Teaching. Child Care and Support Services Management.
25-2012	Kindergarten Teachers, Except Special Education	\$45,570	13.0201 13.1209 13.1210 13.1401	Bilingual and Multilingual Education. Kindergarten/Preschool Education and Teaching. Early Childhood Education and Teaching. Teach English as a Second-Foreign Language/ESL Language Instructor.
25-2021	Elementary School Teachers, Except Special Education	\$45,120	13.0201 13.1202 13.1206 13.1338 13.1401	Bilingual and Multilingual Education. Elementary Education and Teaching. Teacher Education, Multiple Levels. Environmental Education. Teach English as a Second-Foreign Language/ESL Language Instructor.
25-2022	Middle School Teachers, Except Special and Career/Technical Education	\$47,440	13.0201 13.1203	Bilingual and Multilingual Education. Junior High/Intermediate/Middle School Education and Teaching.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			13.1302	Art Teacher Education.
			13.1305	English/Language Arts Teacher Education.
			13.1306	Foreign Language Teacher Education.
			13.1307	Health Teacher Education.
			13.1308	Family and Consumer Sciences/Home Economics Teacher Education.
			13.1309	Technology Teacher Education/Industrial Arts Teacher Education.
			13.1311	Mathematics Teacher Education.
			13.1312	Music Teacher Education.
			13.1314	Physical Education Teaching and Coaching.
			13.1315	Reading Teacher Education.
			13.1316	Science Teacher Education/General Science Teacher Education.
			13.1317	Social Science Teacher Education.
			13.1318	Social Studies Teacher Education.
			13.1321	Computer Teacher Education.
			13.1322	Biology Teacher Education.
			13.1323	Chemistry Teacher Education.
			13.1324	Drama and Dance Teacher Education.
			13.1325	French Language Teacher Education.
			13.1326	German Language Teacher Education.
			13.1327	Health Occupations Teacher Education.
			13.1328	History Teacher Education.
			13.1330	Spanish Language Teacher Education.
			13.1331	Speech Teacher Education.
			13.1332	Geography Teacher Education.
			13.1333	Latin Teacher Education.
			13.1337	Earth Science Teacher Education.
			13.1338	Environmental Education.
			13.1401	Teach English as a Second-Foreign Language/ESL Language Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	\$48,600	13.0201 13.1203 13.1205 13.1206 13.1302 13.1304 13.1305 13.1306 13.1307 13.1308 13.1309 13.1311 13.1312 13.1314 13.1315 13.1316 13.1317 13.1318 13.1321 13.1322 13.1323 13.1324 13.1325 13.1326 13.1328 13.1329 13.1330 13.1331	Bilingual and Multilingual Education. Junior High/Intermediate/Middle School Education and Teaching. Secondary Education and Teaching. Teacher Education, Multiple Levels. Art Teacher Education. Driver and Safety Teacher Education. English/Language Arts Teacher Education. Foreign Language Teacher Education. Health Teacher Education. Family and Consumer Sciences/Home Economics Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Mathematics Teacher Education. Music Teacher Education. Physical Education Teaching and Coaching. Reading Teacher Education. Science Teacher Education/General Science Teacher Education. Social Science Teacher Education. Social Studies Teacher Education. Computer Teacher Education. Biology Teacher Education. Chemistry Teacher Education. Drama and Dance Teacher Education. French Language Teacher Education. German Language Teacher Education. History Teacher Education. Physics Teacher Education. Spanish Language Teacher Education. Speech Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			13.1332	Geography Teacher Education.
			13.1333	Latin Teacher Education.
			13.1335	Psychology Teacher Education.
			13.1337	Earth Science Teacher Education.
			13.1338	Environmental Education.
			13.1401	Teach English as a Second-Foreign Language/ESL Language Instructor.
			16.0101	Foreign Languages and Literatures, General.
			16.0500	Germanic Languages, Literatures, and Linguistics, General.
			16.0900	Romance Languages, Literatures, and Linguistics, General.
			16.0901	French Language and Literature.
			16.0905	Spanish Language and Literature.
			16.1203	Latin Language and Literature.
			19.0101	Family and Consumer Sciences/Human Sciences, General.
			23.0101	English Language and Literature, General.
			26.0101	Biology/Biological Sciences, General.
			27.0101	Mathematics, General.
			40.0101	Physical Sciences.
			40.0501	Chemistry, General.
			40.0801	Physics, General.
			45.0101	Social Sciences, General.
			50.0701	Art/Art Studies, General.
			50.0901	Music, General.
			54.0101	History, General.
25-2032	Career/Technical Education Teachers, Secondary School	\$50,650	13.1301	Agricultural Teacher Education.
			13.1303	Business Teacher Education.
			13.1308	Family and Consumer Sciences/Home Economics Teacher Education.
			13.1309	Technology Teacher Education/Industrial Arts Teacher Education.
			13.1310	Sales & Marketing Operations/Marketing & Distribution Teacher Ed.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			13.1319	Technical Teacher Education.
			13.1320	Trade and Industrial Teacher Education.
			13.1327	Health Occupations Teacher Education.
25-2054	Special Education Teachers, Secondary School	\$50,060	13.1001	Special Education and Teaching, General.
			13.1003	Ed/Teaching of Individuals with Hearing Impairments Including Deafness.
			13.1005	Education/Teaching of Individuals with Emotional Disturbances.
			13.1006	Education/Teaching of Individuals with Mental Retardation.
			13.1007	Education/Teaching of Individuals with Multiple Disabilities.
			13.1008	Ed/Teach of Individuals w/ Orthopedic & Other Physical Health Impairments.
				Education/Teaching of Individuals with Vision Impairments Including Blindness.
			13.1009	Blindness.
			13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.
			13.1012	Ed/Teaching of Individuals with Speech or Language Impairments.
			13.1013	Education/Teaching of Individuals with Autism.
			13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.
			13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.
				Education/Teaching of Individuals in Secondary Special Education Programs.
			13.1019	
25-3021	Self-Enrichment Education Teachers	\$34,220	13.1201	Adult and Continuing Education and Teaching.
25-3098	Substitute Teachers	N/A		
25-4021	Librarians	\$50,710	13.1334	School Librarian/School Library Media Specialist.
			25.0101	Library and Information Science.
			25.0102	Children and Youth Library Services.
			25.0199	Library Science and Administration, Other.
25-4031	Library Technicians	\$27,380	25.0301	Library and Archives Assisting.
25-9041	Teacher Assistants	\$19,140	13.1501	Teacher Assistant/Aide.
27-1024	Graphic Designers	\$39,950	01.0802	Agricultural Communication/Journalism.
			11.0801	Web Page, Digital/Multimedia and Information Resources Design.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0803 50.0102 50.0401 50.0402 50.0404 50.0409	Computer Graphics. Digital Arts. Design and Visual Communications, General. Commercial and Advertising Art. Industrial and Product Design. Graphic Design.
27-1026	Merchandise Displayers and Window Trimmers	\$34,140		NO MATCHING CIP
27-2022	Coaches and Scouts	\$49,930	13.1314 31.0501 31.0504	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General. Sport and Fitness Administration/Management.
27-3031	Public Relations Specialists	\$47,590	09.0100 09.0101 09.0900 09.0902 09.0904 09.0905 09.0906 09.0907 19.0202	Communication, General. Speech Communication and Rhetoric. Public Relations, Advertising, and Applied Communication. Public Relations/Image Management. Political Communication. Health Communication. Sports Communication. International and Intercultural Communication. Family and Consumer Sciences/Human Sciences Communication.
27-3043	Writers and Authors	\$41,040	09.0100 09.0101 09.0102 09.0401 09.0402 09.9999 19.0202 23.1301	Communication, General. Speech Communication and Rhetoric. Mass Communication/Media Studies. Journalism. Broadcast Journalism. Communication, Journalism, and Related Programs, Other. Family and Consumer Sciences/Human Sciences Communication. Writing, General.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			23.1302 23.1303 23.1304 23.1399 23.1401 23.1405 23.1499 50.0504 52.0501	Creative Writing. Professional, Technical, Business, and Scientific Writing. Rhetoric and Composition. Rhetoric and Composition/Writing Studies, Other. General Literature. Children's and Adolescent Literature. Literature, Other. Playwriting and Screenwriting. Business/Corporate Communications.
27-4021	Photographers	\$28,710	09.0404 50.0101 50.0102 50.0406 50.0605 50.0701	Photojournalism. Visual and Performing Arts, General. Digital Arts. Commercial Photography. Photography. Art/Art Studies, General.
29-1021	Dentists, General	\$171,450	51.0401 51.0502 51.0509 60.0102 60.0106	Dentistry. Advanced General Dentistry. Pediatric Dentistry/Pedodontics. Dental Public Health Residency Program. Pediatric Dentistry Residency Program.
29-1051	Pharmacists	\$115,960	51.2001 51.2002 51.2003 51.2004 51.2005 51.2006 51.2007 51.2008	Pharmacy. Pharmacy Administration and Pharmacy Policy and Regulatory Affairs. Pharmaceutics and Drug Design. Medicinal and Pharmaceutical Chemistry. Natural Products Chemistry and Pharmacognosy. Clinical and Industrial Drug Development. Pharmacoeconomics/Pharmaceutical Economics. Clinical, Hospital, and Managed Care Pharmacy.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			51.2009 51.2010	Industrial and Physical Pharmacy and Cosmetic Sciences. Pharmaceutical Sciences.
29-1062	Family and General Practitioners	\$211,410	51.1201 51.1901 60.0413	Medicine. Osteopathic Medicine/Osteopathy. Family Medicine Residency Program.
29-1067	Surgeons	\$258,790	60.0409 60.0414 60.0416 60.0422 60.0427 60.0432 60.0434 60.0510 60.0547 60.0558 60.0565 60.0569 60.0578 60.0579	Colon and Rectal Surgery Residency Program. General Surgery Residency Program. Neurological Surgery Residency Program. Orthopedic Surgery Residency Program. Plastic Surgery Residency Program. Thoracic Surgery Residency Program. Vascular Surgery Residency Program. Congenital Cardiac Surgery Residency Program. Orthopedic Surgery of the Spine Residency Program. Pediatric Orthopedics Residency Program. Pediatric Surgery Residency Program. Plastic Surgery Within the Head and Neck Residency Program. Surgery of the Hand Residency Program. Surgical Critical Care Residency Program.
29-1122	Occupational Therapists	\$82,600	51.2306	Occupational Therapy/Therapist.
29-1123	Physical Therapists	\$73,150	51.2308 51.2311	Physical Therapy/Therapist. Kinesiotherapy/Kinesiotherapist.
29-1126	Respiratory Therapists	\$50,020	51.0908	Respiratory Care Therapy/Therapist.
29-1127	Speech-Language Pathologists	\$72,570	51.0201 51.0203 51.0204 51.0299	Communication Sciences and Disorders, General. Speech-Language Pathology/Pathologist. Audiology/Audiologist and Speech-Language Pathology/Pathologist. Communication Disorders Sciences and Services, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
29-1141	Registered Nurses	\$56,870	51.3801	Registered Nursing/Registered Nurse.
			51.3802	Nursing Administration.
			51.3803	Adult Health Nurse/Nursing.
			51.3805	Family Practice Nurse/Nursing.
			51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.
			51.3808	Nursing Science.
			51.3809	Pediatric Nurse/Nursing.
			51.3810	Psychiatric/Mental Health Nurse/Nursing.
			51.3811	Public Health/Community Nurse/Nursing.
			51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.
			51.3813	Clinical Nurse Specialist.
			51.3814	Critical Care Nursing.
			51.3815	Occupational and Environmental Health Nursing.
			51.3816	Emergency Room/Trauma Nursing.
			51.3818	Nursing Practice.
			51.3819	Palliative Care Nursing.
			51.3820	Clinical Nurse Leader.
51.3821	Geriatric Nurse/Nursing.			
51.3822	Women's Health Nurse/Nursing.			
51.3899	RN, Nursing Admin, Nursing Research & Clinical Nursing, Other.			
29-1171	Nurse Practitioners	\$93,870	51.3803	Adult Health Nurse/Nursing.
			51.3805	Family Practice Nurse/Nursing.
			51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.
			51.3809	Pediatric Nurse/Nursing.
			51.3810	Psychiatric/Mental Health Nurse/Nursing.
			51.3814	Critical Care Nursing.
			51.3816	Emergency Room/Trauma Nursing.
51.3818	Nursing Practice.			

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			51.3821	Geriatric Nurse/Nursing.
			51.3822	Women's Health Nurse/Nursing.
			51.3899	RN, Nursing Admin, Nursing Research and Clinical Nursing, Other.
29-2011	Medical and Clinical Laboratory Technologists	\$50,390	51.1002	Cytotechnology/Cytotechnologist.
			51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
			51.1007	Histologic Technology/Histotechnologist.
			51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.
			51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
29-2012	Medical and Clinical Laboratory Technicians	\$36,350	51.0802	Clinical/Medical Laboratory Assistant.
			51.1001	Blood Bank Technology Specialist.
			51.1003	Hematology Technology/Technician.
			51.1004	Clinical/Medical Laboratory Technician.
			51.1008	Histologic Technician.
			51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
29-2021	Dental Hygienists	\$64,410	51.0602	Dental Hygiene/Hygienist.
29-2031	Cardiovascular Technologists and Technicians	\$46,270	51.0901	Cardiovascular Technology/Technologist.
			51.0902	Electrocardiograph Technology/Technician.
			51.0906	Perfusion Technology/Perfusionist.
			51.0915	Cardiopulmonary Technology/Technologist.
29-2034	Radiologic Technologists	\$47,870	51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
			51.0911	Radiologic Technology/Science - Radiographer.
			51.0919	Mammography Technician/Technology.
29-2041	Emergency Medical Technicians and Paramedics	\$29,230	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
29-2052	Pharmacy Technicians	\$28,680	51.0805	Pharmacy Technician/Assistant.
29-2061	Licensed Practical and Licensed Vocational Nurses	\$36,370	51.3901	Licensed Practical/Vocational Nurse Training.
			51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
29-2071	Medical Records and Health Information Technicians	\$33,610	51.0707 51.0713	Health Information/Medical Records Technology/Technician. Medical Insurance Coding Specialist/Coder.
29-2081	Opticians, Dispensing	\$34,470	51.1801	Opticianry/Ophthalmic Dispensing Optician.
31-1011	Home Health Aides	\$18,830	51.2602	Home Health Aide/Home Attendant.
31-1014	Nursing Assistants	\$22,070	51.2601 51.3902 51.3999	Health Aide. Nursing Assistant/Aide and Patient Care Assistant/Aide. Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
31-2021	Physical Therapist Assistants	\$52,030	51.0806	Physical Therapy Technician/Assistant.
31-2022	Physical Therapist Aides	\$23,720	51.2604	Rehabilitation Aide.
31-9091	Dental Assistants	\$32,520	51.0601	Dental Assisting/Assistant.
31-9092	Medical Assistants	\$28,750	51.0710 51.0712 51.0713 51.0716 51.0801 51.0809 51.0813	Medical Office Assistant/Specialist. Medical Reception/Receptionist. Medical Insurance Coding Specialist/Coder. Medical Administrative/Executive Assistant and Medical Secretary. Medical/Clinical Assistant. Anesthesiologist Assistant. Chiropractic Assistant/Technician.
31-9094	Medical Transcriptionists	\$29,920	51.0708	Medical Transcription/Transcriptionist.
31-9095	Pharmacy Aides	\$20,640		NO MATCHING CIP
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$22,000		NO MATCHING CIP
31-9097	Phlebotomists	\$27,280	51.1009	Phlebotomy Technician/Phlebotomist.
33-1012	First-Line Supervisors of Police and Detectives	\$52,530	03.0208 43.0102 43.0103 43.0104 43.0115 43.0119	Natural Resources Law Enforcement and Protective Services. Corrections. Criminal Justice/Law Enforcement Administration. Criminal Justice/Safety Studies. Law Enforcement Record-Keeping and Evidence Management. Critical Incident Response/Special Police Operations.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			43.0120 43.0122 43.0123 43.0301 43.0302 43.0303 43.0304	Protective Services Operations. Maritime Law Enforcement. Cultural/Archaeological Resources Protection. Homeland Security. Crisis/Emergency/Disaster Management. Critical Infrastructure Protection. Terrorism and Counterterrorism Operations.
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	\$52,420	03.0208 43.0202 43.0299	Natural Resources Law Enforcement and Protective Services. Fire Services Administration. Fire Protection, Other.
33-2011	Firefighters	\$33,440	03.0208 43.0201 43.0203 43.0206 43.0299	Natural Resources Law Enforcement and Protective Services. Fire Prevention and Safety Technology/Technician. Fire Science/Fire-fighting. Wildland/Forest Firefighting and Investigation. Fire Protection, Other.
33-3012	Correctional Officers and Jailers	\$33,100	43.0102 43.0110 43.0199	Corrections. Juvenile Corrections. Corrections and Criminal Justice, Other.
33-3051	Police and Sheriff's Patrol Officers	\$37,330	03.0208 43.0107 43.0111 43.0114 43.0115 43.0119 43.0120 43.0122	Natural Resources Law Enforcement and Protective Services. Criminal Justice/Police Science. Criminalistics and Criminal Science. Law Enforcement Investigation and Interviewing. Law Enforcement Record-Keeping and Evidence Management. Critical Incident Response/Special Police Operations. Protective Services Operations. Maritime Law Enforcement.
33-9032	Security Guards	\$25,070		NO MATCHING CIP

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
35-1011	Chefs and Head Cooks	\$38,520	12.0500 12.0501 12.0503 12.0504 12.0509	Cooking and Related Culinary Arts, General. Baking and Pastry Arts/Baker/Pastry Chef. Culinary Arts/Chef Training. Restaurant, Culinary, and Catering Management/Manager. Culinary Science/Culinology.
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	\$26,760	12.0500 12.0503 12.0504 12.0507 19.0505	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training. Restaurant, Culinary, and Catering Management/Manager. Food Service, Waiter/Waitress, and Dining Room Management/Manager. Foodservice Systems Administration/Management.
35-2011	Cooks, Fast Food	\$17,720		NO MATCHING CIP
35-2012	Cooks, Institution and Cafeteria	\$19,280	12.0500 12.0505 12.0508 19.0505	Cooking and Related Culinary Arts, General. Food Preparation/Professional Cooking/Kitchen Assistant. Institutional Food Workers. Foodservice Systems Administration/Management.
35-2014	Cooks, Restaurant	\$21,470	12.0500 12.0503	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training.
35-2015	Cooks, Short Order	\$18,460		NO MATCHING CIP
35-2021	Food Preparation Workers	\$18,640		NO MATCHING CIP
35-3011	Bartenders	\$19,550	12.0502	Bartending/Bartender.
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$17,940		NO MATCHING CIP
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$17,910		NO MATCHING CIP
35-3031	Waiters and Waitresses	\$18,480		NO MATCHING CIP
35-3041	Food Servers, Nonrestaurant	\$18,600		NO MATCHING CIP
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$18,230		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
35-9021	Dishwashers	\$18,360		NO MATCHING CIP
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$18,830		NO MATCHING CIP
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	\$31,440	46.0401	Building/Property Maintenance.
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$36,800	01.0601 01.0603 01.0604 01.0605 01.0606 01.0607 31.0302	Applied Horticulture/Horticulture Operations, General. Ornamental Horticulture. Greenhouse Operations and Management. Landscaping and Groundskeeping. Plant Nursery Operations and Management. Turf and Turfgrass Management. Golf Course Operation and Grounds Management.
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$21,370		NO MATCHING CIP
37-2012	Maids and Housekeeping Cleaners	\$18,450		NO MATCHING CIP
37-2021	Pest Control Workers	\$30,040		NO MATCHING CIP
37-3011	Landscaping and Groundskeeping Workers	\$23,100		NO MATCHING CIP
37-3013	Tree Trimmers and Pruners	\$29,140		NO MATCHING CIP
39-1021	First-Line Supervisors of Personal Service Workers	\$31,180	12.0412	Salon/Beauty Salon Management/Manager.
39-2021	Nonfarm Animal Caretakers	\$20,370	01.0504	Dog/Pet/Animal Grooming.
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$18,790		NO MATCHING CIP
39-3091	Amusement and Recreation Attendants	\$18,510		NO MATCHING CIP
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$24,740	12.0401 12.0404 12.0406 12.0407	Cosmetology/Cosmetologist, General. Electrolysis/Electrology and Electrolysis Technician. Make-Up Artist/Specialist. Hair Styling/Stylist and Hair Design.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			12.0411 12.0412 12.0413 12.0499	Permanent Cosmetics/Makeup and Tattooing. Salon/Beauty Salon Management/Manager. Cosmetology, Barber/Styling, and Nail Instructor. Cosmetology and Related Personal Grooming Arts, Other.
39-9011	Childcare Workers	\$18,740	19.0709	Child Care Provider/Assistant.
39-9021	Personal Care Aides	\$18,850	51.2602	Home Health Aide/Home Attendant.
39-9031	Fitness Trainers and Aerobics Instructors	\$24,130	13.1314 31.0501 31.0504 31.0507 51.3602	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General. Sport and Fitness Administration/Management. Physical Fitness Technician. Yoga Teacher Training/Yoga Therapy.
39-9032	Recreation Workers	\$22,550		NO MATCHING CIP
39-9041	Residential Advisors	\$24,900		NO MATCHING CIP
41-1011	First-Line Supervisors of Retail Sales Workers	\$33,690	01.0608 19.0203 52.0208 52.0212 52.1803 52.1804 52.1899 52.1909	Floriculture/Floristry Operations and Management. Consumer Merchandising/Retailing Management. E-Commerce/Electronic Commerce. Retail Management. Retailing and Retail Operations. Selling Skills and Sales Operations. General Merchandising, Sales, & Related Marketing Operations, Other. Special Products Marketing Operations.
41-1012	First-Line Supervisors of Non-Retail Sales Workers	\$74,630	52.1804 52.1899 52.1909	Selling Skills and Sales Operations. General Merchandising, Sales, & Related Marketing Operations, Other. Special Products Marketing Operations.
41-2011	Cashiers	\$18,700		NO MATCHING CIP
41-2021	Counter and Rental Clerks	\$22,370		NO MATCHING CIP
41-2022	Parts Salespersons	\$27,270	52.1804 52.1907	Selling Skills and Sales Operations. Vehicle and Vehicle Parts and Accessories Marketing Operations.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
41-2031	Retail Salespersons	\$24,380		NO MATCHING CIP
41-3011	Advertising Sales Agents	\$45,080	52.1804	Selling Skills and Sales Operations.
41-3021	Insurance Sales Agents	\$58,820	52.1701	Insurance.
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$75,830	52.0804 52.0807 52.1908	Financial Planning and Services. Investments and Securities. Business and Personal/Financial Services Marketing Operations.
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$77,160	52.1804	Selling Skills and Sales Operations.
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$58,870	52.1801 52.1899 52.1902 52.1904 52.1909	Sales, Distribution, and Marketing Operations, General. General Merchandising, Sales, & Related Marketing Operations, Other. Fashion Merchandising. Apparel and Accessories Marketing Operations. Special Products Marketing Operations.
41-9011	Demonstrators and Product Promoters	N/A	52.1803	Retailing and Retail Operations.
41-9022	Real Estate Sales Agents	\$35,270	04.1001 52.1501	Real Estate Development. Real Estate.
41-9041	Telemarketers	\$20,230		NO MATCHING CIP
43-1011	First-Line Supervisors of Office and Administrative Support Workers	\$45,980	01.0106 51.0705 51.0711 52.0204 52.0207 52.0208	Agricultural Business Technology. Medical Office Management/Administration. Medical/Health Management and Clinical Assistant/Specialist. Office Management and Supervision. Customer Service Management. E-Commerce/Electronic Commerce.
43-3011	Bill and Account Collectors	\$32,620	52.0803	Banking and Financial Support Services.
43-3021	Billing and Posting Clerks	\$30,850		NO MATCHING CIP
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$34,010	52.0302	Accounting Technology/Technician and Bookkeeping.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-3051	Payroll and Timekeeping Clerks	\$34,480	52.0302	Accounting Technology/Technician and Bookkeeping.
43-3071	Tellers	\$24,080	52.0803	Banking and Financial Support Services.
43-4051	Customer Service Representatives	\$30,570	52.0406 52.0411	Receptionist. Customer Service Support/Call Center/Teleservice Operation.
43-4061	Eligibility Interviewers, Government Programs	\$33,720	44.0201	Community Organization and Advocacy.
43-4081	Hotel, Motel, and Resort Desk Clerks	\$18,070		NO MATCHING CIP
43-4111	Interviewers, Except Eligibility and Loan	\$28,080		NO MATCHING CIP
43-4121	Library Assistants, Clerical	\$21,010		NO MATCHING CIP
43-4131	Loan Interviewers and Clerks	\$35,460	52.0803	Banking and Financial Support Services.
43-4151	Order Clerks	\$30,390		NO MATCHING CIP
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$34,940		NO MATCHING CIP
43-4171	Receptionists and Information Clerks	\$23,680	52.0406	Receptionist.
43-5011	Cargo and Freight Agents	\$40,150	52.0408 52.0410	General Office Occupations and Clerical Services. Traffic, Customs, and Transportation Clerk/Technician.
43-5031	Police, Fire, and Ambulance Dispatchers	\$26,920		NO MATCHING CIP
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$36,800	52.0410	Traffic, Customs, and Transportation Clerk/Technician.
43-5052	Postal Service Mail Carriers	\$50,080		NO MATCHING CIP
43-5061	Production, Planning, and Expediting Clerks	\$39,650	52.0409	Parts, Warehousing, and Inventory Management Operations.
43-5071	Shipping, Receiving, and Traffic Clerks	\$29,940		NO MATCHING CIP
43-5081	Stock Clerks and Order Fillers	\$23,040		NO MATCHING CIP
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$26,550		NO MATCHING CIP
43-6011	Executive Secretaries and Executive Administrative Assistants	\$45,190	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-6013	Medical Secretaries	\$29,800	51.0710 51.0714 51.0716	Medical Office Assistant/Specialist. Medical Insurance Specialist/Medical Biller. Medical Administrative/Executive Assistant and Medical Secretary.
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	\$28,880	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.
43-9021	Data Entry Keyers	\$28,740	10.0305 11.0601 52.0407	Graphic and Printing Equipment Operator, General Production. Data Entry/Microcomputer Applications, General. Business/Office Automation/Technology/Data Entry.
43-9041	Insurance Claims and Policy Processing Clerks	\$34,700	52.0408	General Office Occupations and Clerical Services.
43-9061	Office Clerks, General	\$24,760	52.0408	General Office Occupations and Clerical Services.
45-2041	Graders and Sorters, Agricultural Products	\$23,080	01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.
45-2091	Agricultural Equipment Operators	\$24,830	01.0204	Agricultural Power Machinery Operation.
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$23,050		NO MATCHING CIP
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	\$23,540		NO MATCHING CIP
45-4022	Logging Equipment Operators	\$36,420	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	\$53,730	46.0000 46.0101 46.0201 46.0302 46.0401 46.0402 46.0403 46.0404 46.0406 46.0408	Construction Trades, General. Mason/Masonry. Carpentry/Carpenter. Electrician. Building/Property Maintenance. Concrete Finishing/Concrete Finisher. Building/Home/Construction Inspection/Inspector. Drywall Installation/Drywaller. Glazier. Painting/Painter and Wall Coverer.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			46.0410	Roofer.
			46.0412	Building/Construction Site Management/Manager.
			46.0413	Carpet, Floor, and Tile Worker.
			46.0414	Insulator.
			46.0415	Building Construction Technology.
			46.0502	Pipefitting/Pipefitter and Sprinkler Fitter.
			46.0503	Plumbing Technology/Plumber.
			46.0504	Well Drilling/Driller.
			46.0505	Blasting/Blaster.
47-2021	Brickmasons and Blockmasons	\$37,280	46.0101	Mason/Masonry.
47-2031	Carpenters	\$34,070	46.0201	Carpentry/Carpenter.
47-2051	Cement Masons and Concrete Finishers	\$32,700	46.0402	Concrete Finishing/Concrete Finisher.
47-2061	Construction Laborers	\$25,160		NO MATCHING CIP
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$34,130	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-2073	Operating Engineers and Other Construction Equipment Operators	\$35,070	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
47-2081	Drywall and Ceiling Tile Installers	\$30,930	46.0404	Drywall Installation/Drywaller.
47-2111	Electricians	\$42,240	46.0302	Electrician.
47-2141	Painters, Construction and Maintenance	\$33,190	46.0408	Painting/Painter and Wall Coverer.
47-2152	Plumbers, Pipefitters, and Steamfitters	\$36,430	46.0502 46.0503 46.0599	Pipefitting/Pipefitter and Sprinkler Fitter. Plumbing Technology/Plumber. Plumbing and Related Water Supply Services, Other.
47-2181	Roofers	\$32,200	46.0410	Roofer.
47-2211	Sheet Metal Workers	\$34,960	48.0506	Sheet Metal Technology/Sheetworking.
47-2221	Structural Iron and Steel Workers	\$40,810	46.0411	Metal Building Assembly/Assembler.
47-3013	Helpers--Electricians	\$23,940		NO MATCHING CIP
47-4011	Construction and Building Inspectors	\$46,350	46.0403	Building/Home/Construction Inspection/Inspector.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
47-4051	Highway Maintenance Workers	\$28,280	49.0202 49.0207	Construction/Heavy Equipment/Earthmoving Equipment Operation. Flagging and Traffic Control.
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	\$55,620	46.0301 46.0303 47.0600 47.0617 47.0618 52.0205	Electrical and Power Transmission Installation/Installer, General. Lineworker. Vehicle Maintenance and Repair Technologies, General. High Performance and Custom Engine Technician/Mechanic. Recreation Vehicle (RV) Service Technician. Operations Management and Supervision.
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$33,510	47.0102 47.0104	Business Machine Repair. Computer Installation and Repair Technology/Technician.
49-2098	Security and Fire Alarm Systems Installers	\$32,640	46.0302 47.0110	Electrician. Security System Installation, Repair, & Inspection Technology/Technician.
49-3011	Aircraft Mechanics and Service Technicians	\$49,490	01.0205 47.0607 47.0608	Agricultural Mechanics and Equipment/Machine Technology. Airframe Mechanics and Aircraft Maintenance Technology/Technician. Aircraft Powerplant Technology/Technician.
49-3021	Automotive Body and Related Repairers	\$35,220	47.0603	Autobody/Collision and Repair Technology/Technician.
49-3023	Automotive Service Technicians and Mechanics	\$34,080	15.0803 47.0600 47.0604 47.0612 47.0613 47.0614 47.0617	Automotive Engineering Technology/Technician. Vehicle Maintenance and Repair Technologies, General. Automobile/Automotive Mechanics Technology/Technician. Vehicle Emissions Inspection and Maintenance Technology/Technician. Medium/Heavy Vehicle and Truck Technology/Technician. Alternative Fuel Vehicle Technology/Technician. High Performance and Custom Engine Technician/Mechanic.
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	\$38,540	47.0605 47.0613	Diesel Mechanics Technology/Technician. Medium/Heavy Vehicle and Truck Technology/Technician.
49-3041	Farm Equipment Mechanics and Service Technicians	\$34,160	01.0201 01.0204	Agricultural Mechanization, General. Agricultural Power Machinery Operation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.0205 01.0299	Agricultural Mechanics and Equipment/Machine Technology. Agricultural Mechanization, Other.
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$38,770	01.0205 47.0302	Agricultural Mechanics and Equipment/Machine Technology. Heavy Equipment Maintenance Technology/Technician.
49-3043	Rail Car Repairers	\$57,210	47.0302	Heavy Equipment Maintenance Technology/Technician.
49-3093	Tire Repairers and Changers	\$23,630		NO MATCHING CIP
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$36,650	15.0501 47.0201	HVACR Engineering Technology/Technician. HVACR Maintenance Technology/Technician.
49-9041	Industrial Machinery Mechanics	\$45,810	47.0303	Industrial Mechanics and Maintenance Technology.
49-9043	Maintenance Workers, Machinery	\$39,050	47.0303	Industrial Mechanics and Maintenance Technology.
49-9044	Millwrights	\$42,350	47.0303	Industrial Mechanics and Maintenance Technology.
49-9051	Electrical Power-Line Installers and Repairers	\$61,420	46.0301 46.0303 46.0399	Electrical and Power Transmission Installation/Installer, General. Lineworker. Electrical and Power Transmission Installers, Other.
49-9071	Maintenance and Repair Workers, General	\$32,000	46.0401	Building/Property Maintenance.
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$26,030		NO MATCHING CIP
51-1011	First-Line Supervisors of Production and Operating Workers	\$51,440	52.0205	Operations Management and Supervision.
51-2041	Structural Metal Fabricators and Fitters	\$33,090	48.0503 48.0511	Machine Shop Technology/Assistant. Metal Fabricator.
51-2091	Fiberglass Laminators and Fabricators	\$26,970		NO MATCHING CIP
51-2092	Team Assemblers	\$27,860		NO MATCHING CIP
51-3011	Bakers	\$20,800	12.0501	Baking and Pastry Arts/Baker/Pastry Chef.
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$23,040		NO MATCHING CIP
51-3023	Slaughterers and Meat Packers	\$23,160	12.0506	Meat Cutting/Meat Cutter.
51-3092	Food Batchmakers	\$24,500		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-3093	Food Cooking Machine Operators and Tenders	\$28,860		NO MATCHING CIP
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$35,680	48.0503 48.0510	Machine Shop Technology/Assistant. CNC Machinist Technology/CNC Machinist.
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$33,190	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetwroking.
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	\$30,060	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-4041	Machinists	\$38,320	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$35,520	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-4121	Welders, Cutters, Solderers, and Brazers	\$36,430	15.0614 48.0508	Welding Engineering Technology/Technician. Welding Technology/Welder.
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$35,720	48.0508	Welding Technology/Welder.
51-6011	Laundry and Dry-Cleaning Workers	\$19,020		NO MATCHING CIP
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$26,510	48.0703	Cabinetmaking and Millwork.
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	\$25,220	48.0701 48.0703	Woodworking, General. Cabinetmaking and Millwork.
51-8031	Water and Wastewater Treatment Plant and System Operators	\$32,650	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
51-9011	Chemical Equipment Operators and Tenders	\$47,410	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$34,850		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$36,220		NO MATCHING CIP
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$31,880		NO MATCHING CIP
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$37,890		NO MATCHING CIP
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$33,560	15.0702	Quality Control Technology/Technician.
51-9111	Packaging and Filling Machine Operators and Tenders	\$28,110		NO MATCHING CIP
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$30,770		NO MATCHING CIP
51-9122	Painters, Transportation Equipment	\$35,680	47.0603	Autobody/Collision and Repair Technology/Technician.
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$41,970		NO MATCHING CIP
51-9198	Helpers--Production Workers	\$25,130		NO MATCHING CIP
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	\$47,900		NO MATCHING CIP
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	\$48,640	49.0208	Railroad and Railway Transportation.
53-3022	Bus Drivers, School or Special Client	\$19,040	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3031	Driver/Sales Workers	\$26,700		NO MATCHING CIP
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$38,870	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3033	Light Truck or Delivery Services Drivers	\$29,260	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3041	Taxi Drivers and Chauffeurs	\$21,300		NO MATCHING CIP
53-4011	Locomotive Engineers	\$58,350	49.0208	Railroad and Railway Transportation.
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	N/A	49.0208	Railroad and Railway Transportation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
53-4021	Railroad Brake, Signal, and Switch Operators	\$53,160	49.0208	Railroad and Railway Transportation.
53-4031	Railroad Conductors and Yardmasters	\$54,940	49.0208	Railroad and Railway Transportation.
53-6031	Automotive and Watercraft Service Attendants	\$22,170		NO MATCHING CIP
53-7011	Conveyor Operators and Tenders	\$32,190		NO MATCHING CIP
53-7021	Crane and Tower Operators	\$46,210	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
53-7051	Industrial Truck and Tractor Operators	\$29,370		NO MATCHING CIP
53-7061	Cleaners of Vehicles and Equipment	\$21,820		NO MATCHING CIP
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$23,800		NO MATCHING CIP
53-7063	Machine Feeders and Offbearers	\$25,380		NO MATCHING CIP
53-7064	Packers and Packagers, Hand	\$22,570		NO MATCHING CIP
53-7081	Refuse and Recyclable Material Collectors	\$26,050		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Central Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	\$50,040		NO MATCHING CIP
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$51,120	47.0103	Communications Systems Installation and Repair Technology.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
City of Little Rock Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
13-1141	Compensation, Benefits, and Job Analysis Specialists	\$48,090	52.1001	Human Resources Management/Personnel Administration, General.
13-2031	Budget Analysts	\$57,080	52.0301 52.0304 52.0801 52.0808	Accounting. Accounting and Finance. Finance, General. Public Finance.
17-2071	Electrical Engineers	\$85,400	14.1001 14.1099	Electrical and Electronics Engineering Electrical, Electronics and Communications Engineering, Other.
19-4021	Biological Technicians	\$41,640	41.0101	Biology Technician/Biotechnology Laboratory Technician.
19-4092	Forensic Science Technicians	\$40,740	40.0510 43.0106	Forensic Chemistry. Forensic Science and Technology.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Eastern Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	\$26,840		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
North Central Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-4111	Tool and Die Makers	\$43,630	48.0507	Tool and Die Technology/Technician.
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	\$55,100		NO MATCHING CIP
51-9083	Ophthalmic Laboratory Technicians	\$30,240	51.1006	Ophthalmic Laboratory Technology/Technician.
53-5011	Sailors and Marine Oilers	N/A		NO MATCHING CIP
53-5021	Captains, Mates, and Pilots of Water Vessels	N/A	49.0303 49.0309	Commercial Fishing. Marine Science/Merchant Marine Officer.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Northeast Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
17-3026	Industrial Engineering Technicians	\$48,450	15.0612 15.0613 15.0699 15.1501 15.1503 41.0303	Industrial Technology/Technician. Manufacturing Engineering Technology/Technician. Industrial Production Technologies/Technicians, Other. Engineering/Industrial Management. Packaging Science. Chemical Process Technology.
27-3011	Radio and Television Announcers	\$26,320	09.0100 09.0101 09.0402 09.0701 09.0906	Communication, General. Speech Communication and Rhetoric. Broadcast Journalism. Radio and Television. Sports Communication.
51-4021	Extruding & Drawing Machine Setters, Operators, & Tenders, Metal & Plastic	\$33,970	48.0501	Machine Tool Technology/Machinist.
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$39,800	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking.
51-4051	Metal-Refining Furnace Operators and Tenders	\$43,530		NO MATCHING CIP
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$29,610		NO MATCHING CIP
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	\$31,670		NO MATCHING CIP
51-8013	Power Plant Operators	\$75,420		NO MATCHING CIP
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$29,180		NO MATCHING CIP
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	\$25,940		NO MATCHING CIP
51-9193	Cooling and Freezing Equipment Operators and Tenders	\$26,240		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Northeast Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
53-5021	Captains, Mates, and Pilots of Water Vessels	N/A	49.0303 49.0309	Commercial Fishing. Marine Science/Merchant Marine Officer.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Northwest Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
17-1011	Architects, Except Landscape and Naval	\$68,540	04.0201 04.0401 04.0801	Architecture. Environmental Design/Architecture. Architectural History and Criticism, General.
19-1012	Food Scientists and Technologists	\$68,760	01.0000 01.0309 01.0701 01.1001 01.1002 12.0509	Agriculture, General. Viticulture and Enology. International Agriculture. Food Science. Food Technology and Processing. Culinary Science/Culinology.
19-4031	Chemical Technicians	\$38,760	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Southeast Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
19-1032	Foresters	\$55,920	03.0101 03.0201 03.0501 03.0502 03.0506 03.0508 03.0509 03.0510 03.0599	Natural Resources/Conservation, General. Natural Resources Management and Policy. Forestry, General. Forest Sciences and Biology. Forest Management/Forest Resources Management. Urban Forestry. Wood Science and Wood Products/Pulp and Paper Technology. Forest Resources Production and Management. Forestry, Other.
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	\$45,870	01.0104 01.0199 01.0301 01.0302 01.0303 01.0304 01.0306 01.0307 01.0308 01.0309 01.0399 01.0401 01.0901 01.0905 01.0906 01.0907 01.0999 01.1101 01.1102	Farm/Farm and Ranch Management. Agricultural Business and Management, Other. Agricultural Production Operations, General. Animal/Livestock Husbandry and Production. Aquaculture. Crop Production. Dairy Husbandry and Production. Horse Husbandry/Equine Science and Management. Agroecology and Sustainable Agriculture. Viticulture and Enology. Agricultural Production Operations, Other. Agricultural and Food Products Processing. Animal Sciences, General. Dairy Science. Livestock Management. Poultry Science. Animal Sciences, Other. Plant Sciences, General. Agronomy and Crop Science.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Southeast Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			03.0301 03.0510	Fishing and Fisheries Sciences and Management. Forest Resources Production and Management.
45-4011	Forest and Conservation Workers	N/A		NO MATCHING CIP
45-4023	Log Graders and Scalers	\$35,700		NO MATCHING CIP
47-2171	Reinforcing Iron and Rebar Workers	\$34,650		NO MATCHING CIP
49-2092	Electric Motor, Power Tool, and Related Repairers	\$41,680	47.0101	Electrical/Electronic Equipment Installation and Repair, General.
51-2021	Coil Winders, Tapers, and Finishers	\$37,330		NO MATCHING CIP
51-2023	Electromechanical Equipment Assemblers	\$31,940		NO MATCHING CIP
51-8013	Power Plant Operators	\$75,420		NO MATCHING CIP
51-8021	Stationary Engineers and Boiler Operators	\$47,940		NO MATCHING CIP
51-8091	Chemical Plant and System Operators	\$53,690	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Southwest Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
31-1013	Psychiatric Aides	\$22,490	51.1502 51.2601	Psychiatric/Mental Health Services Technician. Health Aide.
47-4041	Hazardous Materials Removal Workers	\$28,010	15.0508	Hazardous Materials Management and Waste Technology/Technician.
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	N/A	47.0607 47.0608 47.0609	Airframe Mechanics and Aircraft Maintenance Technology/Technician. Aircraft Powerplant Technology/Technician. Avionics Maintenance Technology/Technician.
51-9197	Tire Builders	N/A		NO MATCHING CIP
53-2021	Air Traffic Controllers	\$88,640	49.0105	Air Traffic Controller.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
West Central Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
19-1032	Foresters	\$55,920	03.0101 03.0201 03.0501 03.0502 03.0506 03.0508 03.0509 03.0510 03.0599	Natural Resources/Conservation, General. Natural Resources Management and Policy. Forestry, General. Forest Sciences and Biology. Forest Management/Forest Resources Management. Urban Forestry. Wood Science and Wood Products/Pulp and Paper Technology. Forest Resources Production and Management. Forestry, Other.
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	\$17,960	03.0208	Natural Resources Law Enforcement and Protective Services.
39-2011	Animal Trainers	\$27,830	01.0505 01.0507	Animal Training. Equestrian/Equine Studies.
41-2012	Gaming Change Persons and Booth Cashiers	N/A		NO MATCHING CIP
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$50,630		NO MATCHING CIP
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	\$27,550		NO MATCHING CIP
51-9191	Adhesive Bonding Machine Operators and Tenders	\$31,660		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2016-2017  
Western Arkansas Workforce Development Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$47,100	47.0104 47.0105	Computer Installation and Repair Technology/Technician. Industrial Electronics Technology/Technician.
51-4051	Metal-Refining Furnace Operators and Tenders	\$43,530		NO MATCHING CIP
51-8092	Gas Plant Operators	\$60,310		NO MATCHING CIP
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$29,180		NO MATCHING CIP
51-9193	Cooling and Freezing Equipment Operators and Tenders	\$26,240		NO MATCHING CIP

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2015 Occupational Employment and Wage Survey.

## APPENDIX A

### Arkansas List Sorted by SOC Code

#### 11

11-1011 Chief Executives  
11-1021 General and Operations Managers  
11-1031 Legislators  
11-2021 Marketing Managers  
11-2022 Sales Managers  
11-3011 Administrative Services Managers  
11-3021 Computer and Information Systems Managers  
11-3031 Financial Managers  
11-3051 Industrial Production Managers  
11-3071 Transportation, Storage, and Distribution Managers  
11-3121 Human Resources Managers  
11-9013 Farmers, Ranchers, and Other Agricultural Managers  
11-9021 Construction Managers  
11-9031 Education Administrators, Preschool and Childcare Center/Program  
11-9032 Education Administrators, Elementary and Secondary School  
11-9033 Education Administrators, Postsecondary  
11-9051 Food Service Managers  
11-9081 Lodging Managers  
11-9111 Medical and Health Services Managers  
11-9141 Property, Real Estate, and Community Association Managers  
11-9151 Social and Community Service Managers

#### 13

13-1022 Wholesale and Retail Buyers, Except Farm Products  
13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products  
13-1031 Claims Adjusters, Examiners, and Investigators  
13-1041 Compliance Officers  
13-1051 Cost Estimators  
13-1071 Human Resources Specialists  
13-1081 Logisticians  
13-1111 Management Analysts

13-1151 Training and Development Specialists  
13-1161 Market Research Analysts and Marketing Specialists  
13-2011 Accountants and Auditors  
13-2021 Appraisers and Assessors of Real Estate  
13-2051 Financial Analysts  
13-2052 Personal Financial Advisors  
13-2072 Loan Officers  
13-2081 Tax Examiners and Collectors, and Revenue Agents  
13-2082 Tax Preparers

#### 15

15-1121 Computer Systems Analysts  
15-1122 Information Security Analysts  
15-1131 Computer Programmers  
15-1132 Software Developers, Applications  
15-1133 Software Developers, Systems Software  
15-1134 Web Developers  
15-1141 Database Administrators  
15-1142 Network and Computer Systems Administrators  
15-1143 Computer Network Architects  
15-1151 Computer User Support Specialists  
15-1152 Computer Network Support Specialists  
15-2031 Operations Research Analysts

#### 17

17-2051 Civil Engineers  
17-2112 Industrial Engineers  
17-2141 Mechanical Engineers

#### 19

19-3031 Clinical, Counseling, and School Psychologists  
19-4011 Agricultural and Food Science Technicians

## APPENDIX A

### Arkansas List Sorted by SOC Code

#### 21

21-1012 Educational, Guidance, School, and Vocational Counselors  
21-1014 Mental Health Counselors  
21-1021 Child, Family, and School Social Workers  
21-1022 Healthcare Social Workers  
21-1023 Mental Health and Substance Abuse Social Workers  
21-1092 Probation Officers and Correctional Treatment Specialists  
21-1093 Social and Human Service Assistants  
21-2011 Clergy  
21-2021 Directors, Religious Activities and Education

#### 23

23-1011 Lawyers  
23-2011 Paralegals and Legal Assistants

#### 25

25-1011 Business Teachers, Postsecondary  
25-1071 Health Specialties Teachers, Postsecondary  
25-1191 Graduate Teaching Assistants  
25-1194 Vocational Education Teachers, Postsecondary  
25-2011 Preschool Teachers, Except Special Education  
25-2012 Kindergarten Teachers, Except Special Education  
25-2021 Elementary School Teachers, Except Special Education  
25-2022 Middle School Teachers, Except Special and Career/Technical Education  
25-2031 Secondary School Teachers, Except Special and Career/Technical Education  
25-2032 Career/Technical Education Teachers, Secondary School  
25-2054 Special Education Teachers, Secondary School  
25-3021 Self-Enrichment Education Teachers  
25-3098 Substitute Teachers  
25-4021 Librarians  
25-4031 Library Technicians  
25-9041 Teacher Assistants

#### 27

27-1024 Graphic Designers  
27-1026 Merchandise Displayers and Window Trimmers  
27-2022 Coaches and Scouts  
27-3031 Public Relations Specialists  
27-3043 Writers and Authors  
27-4021 Photographers

#### 29

29-1021 Dentists, General  
29-1051 Pharmacists  
29-1062 Family and General Practitioners  
29-1067 Surgeons  
29-1122 Occupational Therapists  
29-1123 Physical Therapists  
29-1126 Respiratory Therapists  
29-1127 Speech-Language Pathologists  
29-1141 Registered Nurses  
29-1171 Nurse Practitioners  
29-2011 Medical and Clinical Laboratory Technologists  
29-2012 Medical and Clinical Laboratory Technicians  
29-2021 Dental Hygienists  
29-2031 Cardiovascular Technologists and Technicians  
29-2034 Radiologic Technologists  
29-2041 Emergency Medical Technicians and Paramedics  
29-2052 Pharmacy Technicians  
29-2061 Licensed Practical and Licensed Vocational Nurses  
29-2071 Medical Records and Health Information Technicians  
29-2081 Opticians, Dispensing

#### 31

31-1011 Home Health Aides  
31-1014 Nursing Assistants

## APPENDIX A

### Arkansas List Sorted by SOC Code

31-2021 Physical Therapist Assistants  
31-2022 Physical Therapist Aides  
31-9091 Dental Assistants  
31-9092 Medical Assistants  
31-9094 Medical Transcriptionists  
31-9095 Pharmacy Aides  
31-9096 Veterinary Assistants and Laboratory Animal Caretakers  
31-9097 Phlebotomists

**33**  
33-1012 First-Line Supervisors of Police and Detectives  
33-1021 First-Line Supervisors of Fire Fighting and Prevention Workers  
33-2011 Firefighters  
33-3012 Correctional Officers and Jailers  
33-3051 Police and Sheriff's Patrol Officers  
33-9032 Security Guards

**35**  
35-1011 Chefs and Head Cooks  
35-1012 First-Line Supervisors of Food Preparation and Serving Workers  
35-2011 Cooks, Fast Food  
35-2012 Cooks, Institution and Cafeteria  
35-2014 Cooks, Restaurant  
35-2015 Cooks, Short Order  
35-2021 Food Preparation Workers  
35-3011 Bartenders  
35-3021 Combined Food Preparation and Serving Workers, Including Fast Food  
35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop  
35-3031 Waiters and Waitresses  
35-3041 Food Servers, Nonrestaurant  
35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers

35-9021 Dishwashers  
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop

**37**  
37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers  
37-1012 First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers  
37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners  
37-2012 Maids and Housekeeping Cleaners  
37-2021 Pest Control Workers  
37-3011 Landscaping and Groundskeeping Workers  
37-3013 Tree Trimmers and Pruners

**39**  
39-1021 First-Line Supervisors of Personal Service Workers  
39-2021 Nonfarm Animal Caretakers  
39-3031 Ushers, Lobby Attendants, and Ticket Takers  
39-3091 Amusement and Recreation Attendants  
39-5012 Hairdressers, Hairstylists, and Cosmetologists  
39-9011 Childcare Workers  
39-9021 Personal Care Aides  
39-9031 Fitness Trainers and Aerobics Instructors  
39-9032 Recreation Workers  
39-9041 Residential Advisors

**41**  
41-1011 First-Line Supervisors of Retail Sales Workers  
41-1012 First-Line Supervisors of Non-Retail Sales Workers  
41-2011 Cashiers  
41-2021 Counter and Rental Clerks  
41-2022 Parts Salespersons  
41-2031 Retail Salespersons  
41-3011 Advertising Sales Agents  
41-3021 Insurance Sales Agents

## APPENDIX A

### Arkansas List Sorted by SOC Code

41-3031	Securities, Commodities, and Financial Services Sales Agents	43-6011	Executive Secretaries and Executive Administrative Assistants
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	43-6013	Medical Secretaries
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive
41-9011	Demonstrators and Product Promoters	43-9021	Data Entry Keyers
41-9022	Real Estate Sales Agents	43-9041	Insurance Claims and Policy Processing Clerks
41-9041	Telemarketers	43-9061	Office Clerks, General
<b>43</b>		<b>45</b>	
43-1011	First-Line Supervisors of Office and Administrative Support Workers	45-2041	Graders and Sorters, Agricultural Products
43-3011	Bill and Account Collectors	45-2091	Agricultural Equipment Operators
43-3021	Billing and Posting Clerks	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
43-3031	Bookkeeping, Accounting, and Auditing Clerks	45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals
43-3051	Payroll and Timekeeping Clerks	45-4022	Logging Equipment Operators
43-3071	Tellers	<b>47</b>	
43-4051	Customer Service Representatives	47-1011	First-Line Supervisors of Construction Trades and Extraction Workers
43-4061	Eligibility Interviewers, Government Programs	47-2021	Brickmasons and Blockmasons
43-4081	Hotel, Motel, and Resort Desk Clerks	47-2031	Carpenters
43-4111	Interviewers, Except Eligibility and Loan	47-2051	Cement Masons and Concrete Finishers
43-4121	Library Assistants, Clerical	47-2061	Construction Laborers
43-4131	Loan Interviewers and Clerks	47-2071	Paving, Surfacing, and Tamping Equipment Operators
43-4151	Order Clerks	47-2073	Operating Engineers and Other Construction Equipment Operators
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	47-2081	Drywall and Ceiling Tile Installers
43-4171	Receptionists and Information Clerks	47-2111	Electricians
43-5011	Cargo and Freight Agents	47-2141	Painters, Construction and Maintenance
43-5031	Police, Fire, and Ambulance Dispatchers	47-2152	Plumbers, Pipefitters, and Steamfitters
43-5032	Dispatchers, Except Police, Fire, and Ambulance	47-2181	Roofers
43-5052	Postal Service Mail Carriers	47-2211	Sheet Metal Workers
43-5061	Production, Planning, and Expediting Clerks	47-2221	Structural Iron and Steel Workers
43-5071	Shipping, Receiving, and Traffic Clerks	47-3013	Helpers--Electricians
43-5081	Stock Clerks and Order Fillers	47-4011	Construction and Building Inspectors
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	47-4051	Highway Maintenance Workers

## APPENDIX A

### Arkansas List Sorted by SOC Code

#### 49

49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers  
49-2011 Computer, Automated Teller, and Office Machine Repairers  
49-2098 Security and Fire Alarm Systems Installers  
49-3011 Aircraft Mechanics and Service Technicians  
49-3021 Automotive Body and Related Repairers  
49-3023 Automotive Service Technicians and Mechanics  
49-3031 Bus and Truck Mechanics and Diesel Engine Specialists  
49-3041 Farm Equipment Mechanics and Service Technicians  
49-3042 Mobile Heavy Equipment Mechanics, Except Engines  
49-3043 Rail Car Repairers  
49-3093 Tire Repairers and Changers  
49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers  
49-9041 Industrial Machinery Mechanics  
49-9043 Maintenance Workers, Machinery  
49-9044 Millwrights  
49-9051 Electrical Power-Line Installers and Repairers  
49-9071 Maintenance and Repair Workers, General  
49-9098 Helpers--Installation, Maintenance, and Repair Workers

#### 51

51-1011 First-Line Supervisors of Production and Operating Workers  
51-2041 Structural Metal Fabricators and Fitters  
51-2091 Fiberglass Laminators and Fabricators  
51-2092 Team Assemblers  
51-3011 Bakers  
51-3022 Meat, Poultry, and Fish Cutters and Trimmers  
51-3023 Slaughterers and Meat Packers  
51-3092 Food Batchmakers  
51-3093 Food Cooking Machine Operators and Tenders  
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic  
51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic

51-4033 Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic  
51-4041 Machinists  
51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic  
51-4121 Welders, Cutters, Solderers, and Brazers  
51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders  
51-6011 Laundry and Dry-Cleaning Workers  
51-7041 Sawing Machine Setters, Operators, and Tenders, Wood  
51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing  
51-8031 Water and Wastewater Treatment Plant and System Operators  
51-9011 Chemical Equipment Operators and Tenders  
51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders  
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders  
51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders  
51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders  
51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers  
51-9111 Packaging and Filling Machine Operators and Tenders  
51-9121 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders  
51-9122 Painters, Transportation Equipment  
51-9196 Paper Goods Machine Setters, Operators, and Tenders  
51-9198 Helpers--Production Workers

#### 53

53-1021 First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand  
53-1031 First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators  
53-3022 Bus Drivers, School or Special Client  
53-3031 Driver/Sales Workers  
53-3032 Heavy and Tractor-Trailer Truck Drivers

## APPENDIX A

### Arkansas List Sorted by SOC Code

53-3033	Light Truck or Delivery Services Drivers	53-7011	Conveyor Operators and Tenders
53-3041	Taxi Drivers and Chauffeurs	53-7021	Crane and Tower Operators
53-4011	Locomotive Engineers	53-7051	Industrial Truck and Tractor Operators
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	53-7061	Cleaners of Vehicles and Equipment
53-4021	Railroad Brake, Signal, and Switch Operators	53-7062	Laborers and Freight, Stock, and Material Movers, Hand
53-4031	Railroad Conductors and Yardmasters	53-7063	Machine Feeders and Offbearers
53-6031	Automotive and Watercraft Service Attendants	53-7064	Packers and Packagers, Hand
		53-7081	Refuse and Recyclable Material Collectors

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 01

01.0101 Agricultural Business and Management, General.  
01.0102 Agribusiness/Agricultural Business Operations.  
01.0104 Farm/Farm and Ranch Management.  
01.0105 Agricultural/Farm Supplies Retailing and Wholesaling.  
01.0106 Agricultural Business Technology.  
01.0199 Agricultural Business and Management, Other.  
01.0201 Agricultural Mechanization, General.  
01.0204 Agricultural Power Machinery Operation.  
01.0205 Agricultural Mechanics and Equipment/Machine Technology.  
01.0299 Agricultural Mechanization, Other.  
01.0301 Agricultural Production Operations, General.  
01.0302 Animal/Livestock Husbandry and Production.  
01.0303 Aquaculture.  
01.0304 Crop Production.  
01.0306 Dairy Husbandry and Production.  
01.0307 Horse Husbandry/Equine Science and Management.  
01.0308 Agroecology and Sustainable Agriculture.  
01.0309 Viticulture and Enology.  
01.0399 Agricultural Production Operations, Other.  
01.0504 Dog/Pet/Animal Grooming.  
01.0601 Applied Horticulture/Horticulture Operations, General.  
01.0603 Ornamental Horticulture.  
01.0604 Greenhouse Operations and Management.  
01.0605 Landscaping and Groundskeeping.  
01.0606 Plant Nursery Operations and Management.  
01.0607 Turf and Turfgrass Management.  
01.0608 Floriculture/Floristry Operations and Management.  
01.0802 Agricultural Communication/Journalism.  
01.0901 Animal Sciences, General.  
01.0902 Agricultural Animal Breeding.  
01.0903 Animal Health.  
01.0904 Animal Nutrition.

01.0905 Dairy Science.  
01.0906 Livestock Management.  
01.0907 Poultry Science.  
01.0999 Animal Sciences, Other.  
01.1002 Food Technology and Processing.  
01.1101 Plant Sciences, General.  
01.1102 Agronomy and Crop Science.  
01.1103 Horticultural Science.  
01.1105 Plant Protection and Integrated Pest Management.  
01.1106 Range Science and Management.

#### 03

03.0208 Natural Resources Law Enforcement and Protective Services.

#### 04

04.1001 Real Estate Development.

#### 09

09.0100 Communication, General.  
09.0101 Speech Communication and Rhetoric.  
09.0102 Mass Communication/Media Studies.  
09.0401 Journalism.  
09.0402 Broadcast Journalism.  
09.0404 Photojournalism.  
09.0900 Public Relations, Advertising, and Applied Communication.  
09.0902 Public Relations/Image Management.  
09.0904 Political Communication.  
09.0905 Health Communication.  
09.0906 Sports Communication.  
09.0907 International and Intercultural Communication.  
09.9999 Communication, Journalism, and Related Programs, Other.

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 10

10.0305 Graphic and Printing Equipment Operator, General Production.

#### 11

11.0101 Computer and Information Sciences, General.  
11.0102 Artificial Intelligence.  
11.0103 Information Technology.  
11.0104 Informatics.  
11.0201 Computer Programming/Programmer, General.  
11.0202 Computer Programming, Specific Applications.  
11.0203 Computer Programming, Vendor/Product Certification.  
11.0299 Computer Programming, Other.  
11.0401 Information Science/Studies.  
11.0501 Computer Systems Analysis/Analyst.  
11.0601 Data Entry/Microcomputer Applications, General.  
11.0701 Computer Science.  
11.0801 Web Page, Digital/Multimedia and Information Resources Design.  
11.0802 Data Modeling/Warehousing and Database Administration.  
11.0803 Computer Graphics.  
11.0804 Modeling, Virtual Environments and Simulation.  
11.0901 Computer Systems Networking and Telecommunications.  
11.1001 Network and System Administration/Administrator.  
11.1002 System, Networking, and LAN/WAN Management/Manager.  
11.1003 Computer and Information Systems Security/Information Assurance.  
11.1004 Web/Multimedia Management and Webmaster.  
11.1005 Information Technology Project Management.  
11.1006 Computer Support Specialist.

#### 12

12.0401 Cosmetology/Cosmetologist, General.  
12.0404 Electrolysis/Electrology and Electrolysis Technician.  
12.0406 Make-Up Artist/Specialist.

12.0407 Hair Styling/Stylist and Hair Design.  
12.0411 Permanent Cosmetics/Makeup and Tattooing.  
12.0412 Salon/Beauty Salon Management/Manager.  
12.0413 Cosmetology, Barber/Styling, and Nail Instructor.  
12.0499 Cosmetology and Related Personal Grooming Arts, Other.  
12.0500 Cooking and Related Culinary Arts, General.  
12.0501 Baking and Pastry Arts/Baker/Pastry Chef.  
12.0502 Bartending/Bartender.  
12.0503 Culinary Arts/Chef Training.  
12.0504 Restaurant, Culinary, and Catering Management/Manager.  
12.0505 Food Preparation/Professional Cooking/Kitchen Assistant.  
12.0506 Meat Cutting/Meat Cutter.  
12.0507 Food Service, Waiter/Waitress, and Dining Room Management/Manager.  
12.0508 Institutional Food Workers.  
12.0509 Culinary Science/Culinology.  
12.0510 Wine Steward/Sommelier.

#### 13

13.0201 Bilingual and Multilingual Education.  
13.0401 Educational Leadership and Administration, General.  
13.0404 Educational, Instructional, and Curriculum Supervision.  
13.0406 Higher Education/Higher Education Administration.  
13.0407 Community College Education.  
13.0408 Elementary and Middle School Administration/Principalship.  
13.0409 Secondary School Administration/Principalship.  
13.0411 Superintendency and Educational System Administration.  
13.1001 Special Education and Teaching, General.  
13.1003 Education/Teaching of Individuals with Hearing Impairments Including Deafness.  
13.1005 Education/Teaching of Individuals with Emotional Disturbances.  
13.1006 Education/Teaching of Individuals with Mental Retardation.  
13.1007 Education/Teaching of Individuals with Multiple Disabilities.  
13.1008 Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.

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### Arkansas List Sorted by CIP Code

13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.	13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education.
13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.	13.1311	Mathematics Teacher Education.
13.1012	Education/Teaching of Individuals with Speech or Language Impairments.	13.1312	Music Teacher Education.
13.1013	Education/Teaching of Individuals with Autism.	13.1314	Physical Education Teaching and Coaching.
13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.	13.1315	Reading Teacher Education.
13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.	13.1316	Science Teacher Education/General Science Teacher Education.
13.1019	Education/Teaching of Individuals in Secondary Special Education Programs.	13.1317	Social Science Teacher Education.
13.1101	Counselor Education/School Counseling and Guidance Services.	13.1318	Social Studies Teacher Education.
13.1102	College Student Counseling and Personnel Services.	13.1319	Technical Teacher Education.
13.1199	Student Counseling and Personnel Services, Other.	13.1320	Trade and Industrial Teacher Education.
13.1201	Adult and Continuing Education and Teaching.	13.1321	Computer Teacher Education.
13.1202	Elementary Education and Teaching.	13.1322	Biology Teacher Education.
13.1203	Junior High/Intermediate/Middle School Education and Teaching.	13.1323	Chemistry Teacher Education.
13.1205	Secondary Education and Teaching.	13.1324	Drama and Dance Teacher Education.
13.1206	Teacher Education, Multiple Levels.	13.1325	French Language Teacher Education.
13.1209	Kindergarten/Preschool Education and Teaching.	13.1326	German Language Teacher Education.
13.1210	Early Childhood Education and Teaching.	13.1327	Health Occupations Teacher Education.
13.1301	Agricultural Teacher Education.	13.1328	History Teacher Education.
13.1302	Art Teacher Education.	13.1329	Physics Teacher Education.
13.1303	Business Teacher Education.	13.1330	Spanish Language Teacher Education.
13.1304	Driver and Safety Teacher Education.	13.1331	Speech Teacher Education.
13.1305	English/Language Arts Teacher Education.	13.1332	Geography Teacher Education.
13.1306	Foreign Language Teacher Education.	13.1333	Latin Teacher Education.
13.1307	Health Teacher Education.	13.1334	School Librarian/School Library Media Specialist.
13.1308	Family and Consumer Sciences/Home Economics Teacher Education.	13.1335	Psychology Teacher Education.
13.1309	Technology Teacher Education/Industrial Arts Teacher Education.	13.1337	Earth Science Teacher Education.
		13.1338	Environmental Education.
		13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.
		13.1501	Teacher Assistant/Aide.

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### Arkansas List Sorted by CIP Code

#### 14

14.0801 Civil Engineering, General.  
14.0802 Geotechnical and Geoenvironmental Engineering.  
14.0803 Structural Engineering.  
14.0804 Transportation and Highway Engineering.  
14.0805 Water Resources Engineering.  
14.0899 Civil Engineering, Other.  
14.0901 Computer Engineering, General.  
14.0903 Computer Software Engineering.  
14.0999 Computer Engineering, Other.  
14.1801 Materials Engineering.  
14.1901 Mechanical Engineering.  
14.3301 Construction Engineering.  
14.3501 Industrial Engineering.  
14.3601 Manufacturing Engineering.  
14.3701 Operations Research.  
14.4101 Electromechanical Engineering.

#### 15

15.0501 Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician.  
15.0506 Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.  
15.0614 Welding Engineering Technology/Technician.  
15.0702 Quality Control Technology/Technician.  
15.0803 Automotive Engineering Technology/Technician.  
15.1001 Construction Engineering Technology/Technician.  
15.1204 Computer Software Technology/Technician.  
15.1501 Engineering/Industrial Management.  
15.1503 Packaging Science.

#### 16

16.0101 Foreign Languages and Literatures, General.  
16.0500 Germanic Languages, Literatures, and Linguistics, General.

16.0900 Romance Languages, Literatures, and Linguistics, General.  
16.0901 French Language and Literature.  
16.0905 Spanish Language and Literature.  
16.1203 Latin Language and Literature.

#### 19

19.0101 Family and Consumer Sciences/Human Sciences, General.  
19.0202 Family and Consumer Sciences/Human Sciences Communication.  
19.0203 Consumer Merchandising/Retailing Management.  
19.0505 Foodservice Systems Administration/Management.  
19.0708 Child Care and Support Services Management.  
19.0709 Child Care Provider/Assistant.  
19.0710 Developmental Services Worker.  
19.0905 Apparel and Textile Marketing Management.

#### 22

22.0101 Law.  
22.0201 Advanced Legal Research/Studies, General.  
22.0202 Programs for Foreign Lawyers.  
22.0203 American/U.S. Law/Legal Studies/Jurisprudence.  
22.0204 Canadian Law/Legal Studies/Jurisprudence.  
22.0205 Banking, Corporate, Finance, and Securities Law.  
22.0206 Comparative Law.  
22.0207 Energy, Environment, and Natural Resources Law.  
22.0208 Health Law.  
22.0209 International Law and Legal Studies.  
22.0210 International Business, Trade, and Tax Law.  
22.0211 Tax Law/Taxation.  
22.0212 Intellectual Property Law.  
22.0299 Legal Research and Advanced Professional Studies, Other.  
22.0302 Legal Assistant/Paralegal.

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### Arkansas List Sorted by CIP Code

#### 23

- 23.0101 English Language and Literature, General.
- 23.1301 Writing, General.
- 23.1302 Creative Writing.
- 23.1303 Professional, Technical, Business, and Scientific Writing.
- 23.1304 Rhetoric and Composition.
- 23.1399 Rhetoric and Composition/Writing Studies, Other.
- 23.1401 General Literature.
- 23.1405 Children's and Adolescent Literature.
- 23.1499 Literature, Other.

#### 25

- 25.0101 Library and Information Science.
- 25.0102 Children and Youth Library Services.
- 25.0199 Library Science and Administration, Other.
- 25.0301 Library and Archives Assisting.

#### 26

- 26.0101 Biology/Biological Sciences, General.
- 26.0999 Physiology, Pathology, and Related Sciences, Other.
- 26.1099 Pharmacology and Toxicology, Other.
- 26.1102 Biostatistics.
- 26.1103 Bioinformatics.
- 26.1309 Epidemiology.

#### 27

- 27.0101 Mathematics, General.
- 27.0305 Financial Mathematics.

#### 30

- 30.1601 Accounting and Computer Science.

#### 31

- 31.0302 Golf Course Operation and Grounds Management.
- 31.0399 Parks, Recreation and Leisure Facilities Management, Other.
- 31.0501 Health and Physical Education/Fitness, General.
- 31.0504 Sport and Fitness Administration/Management.
- 31.0507 Physical Fitness Technician.

#### 39

- 39.0201 Bible/Biblical Studies.
- 39.0301 Missions/Missionary Studies and Missiology.
- 39.0401 Religious Education.
- 39.0601 Theology/Theological Studies.
- 39.0602 Divinity/Ministry.
- 39.0604 Pre-Theology/Pre-Ministerial Studies.
- 39.0605 Rabbinical Studies.
- 39.0699 Theological and Ministerial Studies, Other.
- 39.0701 Pastoral Studies/Counseling.
- 39.0702 Youth Ministry.
- 39.0703 Urban Ministry.
- 39.0704 Women's Ministry.
- 39.0705 Lay Ministry.

#### 40

- 40.0101 Physical Sciences.
- 40.0501 Chemistry, General.
- 40.0801 Physics, General.

#### 41

- 41.0301 Chemical Technology/Technician.
- 41.0303 Chemical Process Technology.

#### 42

- 42.0101 Psychology, General.
- 42.2703 Developmental and Child Psychology.

## APPENDIX B

### Arkansas List Sorted by CIP Code

42.2801 Clinical Psychology.  
42.2803 Counseling Psychology.  
42.2805 School Psychology.  
42.2807 Clinical Child Psychology.  
42.2809 Geropsychology.  
42.2810 Health/Medical Psychology.  
42.2814 Applied Behavior Analysis.

#### 43

43.0102 Corrections.  
43.0103 Criminal Justice/Law Enforcement Administration.  
43.0104 Criminal Justice/Safety Studies.  
43.0107 Criminal Justice/Police Science.  
43.0110 Juvenile Corrections.  
43.0111 Criminalistics and Criminal Science.  
43.0114 Law Enforcement Investigation and Interviewing.  
43.0115 Law Enforcement Record-Keeping and Evidence Management.  
43.0116 Cyber/Computer Forensics and Counterterrorism.  
43.0117 Financial Forensics and Fraud Investigation.  
43.0119 Critical Incident Response/Special Police Operations.  
43.0120 Protective Services Operations.  
43.0122 Maritime Law Enforcement.  
43.0123 Cultural/Archaeological Resources Protection.  
43.0199 Corrections and Criminal Justice, Other.  
43.0201 Fire Prevention and Safety Technology/Technician.  
43.0202 Fire Services Administration.  
43.0203 Fire Science/Fire-fighting.  
43.0206 Wildland/Forest Firefighting and Investigation.  
43.0299 Fire Protection, Other.  
43.0301 Homeland Security.  
43.0302 Crisis/Emergency/Disaster Management.  
43.0303 Critical Infrastructure Protection.  
43.0304 Terrorism and Counterterrorism Operations.

#### 44

44.0000 Human Services, General.  
44.0201 Community Organization and Advocacy.  
44.0401 Public Administration.  
44.0501 Public Policy Analysis, General.  
44.0503 Health Policy Analysis.  
44.0701 Social Work.  
44.0702 Youth Services/Administration.  
44.0799 Social Work, Other.

#### 45

45.0101 Social Sciences, General.  
45.0602 Applied Economics.

#### 46

46.0000 Construction Trades, General.  
46.0101 Mason/Masonry.  
46.0201 Carpentry/Carpenter.  
46.0301 Electrical and Power Transmission Installation/Installer, General.  
46.0302 Electrician.  
46.0303 Lineworker.  
46.0399 Electrical and Power Transmission Installers, Other.  
46.0401 Building/Property Maintenance.  
46.0402 Concrete Finishing/Concrete Finisher.  
46.0403 Building/Home/Construction Inspection/Inspector.  
46.0404 Drywall Installation/Drywaller.  
46.0406 Glazier.  
46.0408 Painting/Painter and Wall Coverer.  
46.0410 Roofer.  
46.0411 Metal Building Assembly/Assembler.  
46.0412 Building/Construction Site Management/Manager.  
46.0413 Carpet, Floor, and Tile Worker.  
46.0414 Insulator.  
46.0415 Building Construction Technology.

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### Arkansas List Sorted by CIP Code

46.0502 Pipefitting/Pipefitter and Sprinkler Fitter.  
46.0503 Plumbing Technology/Plumber.  
46.0504 Well Drilling/Driller.  
46.0505 Blasting/Blaster.  
46.0599 Plumbing and Related Water Supply Services, Other.

#### 47

47.0102 Business Machine Repair.  
47.0104 Computer Installation and Repair Technology/Technician.  
47.0110 Security System Installation, Repair, and Inspection Technology/Technician.  
47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.  
47.0302 Heavy Equipment Maintenance Technology/Technician.  
47.0303 Industrial Mechanics and Maintenance Technology.  
47.0600 Vehicle Maintenance and Repair Technologies, General.  
47.0603 Autobody/Collision and Repair Technology/Technician.  
47.0604 Automobile/Automotive Mechanics Technology/Technician.  
47.0605 Diesel Mechanics Technology/Technician.  
47.0607 Airframe Mechanics and Aircraft Maintenance Technology/Technician.  
47.0608 Aircraft Powerplant Technology/Technician.  
47.0612 Vehicle Emissions Inspection and Maintenance Technology/Technician.  
47.0613 Medium/Heavy Vehicle and Truck Technology/Technician.  
47.0614 Alternative Fuel Vehicle Technology/Technician.  
47.0617 High Performance and Custom Engine Technician/Mechanic.  
47.0618 Recreation Vehicle (RV) Service Technician.

#### 48

48.0501 Machine Tool Technology/Machinist.  
48.0503 Machine Shop Technology/Assistant.  
48.0506 Sheet Metal Technology/Sheetworking.  
48.0508 Welding Technology/Welder.

48.0510 Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.  
48.0511 Metal Fabricator.  
48.0701 Woodworking, General.  
48.0703 Cabinetmaking and Millwork.

#### 49

49.0101 Aeronautics/Aviation/Aerospace Science and Technology, General.  
49.0104 Aviation/Airway Management and Operations.  
49.0202 Construction/Heavy Equipment/Earthmoving Equipment Operation.  
49.0205 Truck and Bus Driver/Commercial Vehicle Operator and Instructor.  
49.0206 Mobil Crane Operation/Operator.  
49.0207 Flagging and Traffic Control.  
49.0208 Railroad and Railway Transportation.

#### 50

50.0101 Visual and Performing Arts, General.  
50.0102 Digital Arts.  
50.0401 Design and Visual Communications, General.  
50.0402 Commercial and Advertising Art.  
50.0404 Industrial and Product Design.  
50.0406 Commercial Photography.  
50.0409 Graphic Design.  
50.0504 Playwriting and Screenwriting.  
50.0605 Photography.  
50.0701 Art/Art Studies, General.  
50.0901 Music, General.

#### 51

51.0101 Chiropractic.  
51.0201 Communication Sciences and Disorders, General.  
51.0202 Audiology/Audiologist.

## APPENDIX B

### Arkansas List Sorted by CIP Code

51.0203	Speech-Language Pathology/Pathologist.	51.0806	Physical Therapy Technician/Assistant.
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.	51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.
51.0299	Communication Disorders Sciences and Services, Other.	51.0809	Anesthesiologist Assistant.
51.0401	Dentistry.	51.0813	Chiropractic Assistant/Technician.
51.0501	Dental Clinical Sciences, General.	51.0901	Cardiovascular Technology/Technologist.
51.0502	Advanced General Dentistry.	51.0902	Electrocardiograph Technology/Technician.
51.0509	Pediatric Dentistry/Pedodontics.	51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.
51.0601	Dental Assisting/Assistant.	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
51.0602	Dental Hygiene/Hygienist.	51.0905	Nuclear Medical Technology/Technologist.
51.0603	Dental Laboratory Technology/Technician.	51.0906	Perfusion Technology/Perfusionist.
51.0701	Health/Health Care Administration/Management.	51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
51.0702	Hospital and Health Care Facilities Administration/Management.	51.0908	Respiratory Care Therapy/Therapist.
51.0704	Health Unit Manager/Ward Supervisor.	51.0909	Surgical Technology/Technologist.
51.0705	Medical Office Management/Administration.	51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.
51.0706	Health Information/Medical Records Administration/Administrator.	51.0911	Radiologic Technology/Science - Radiographer.
51.0707	Health Information/Medical Records Technology/Technician.	51.0912	Physician Assistant.
51.0708	Medical Transcription/Transcriptionist.	51.0915	Cardiopulmonary Technology/Technologist.
51.0709	Medical Office Computer Specialist/Assistant.	51.0919	Mammography Technician/Technology.
51.0710	Medical Office Assistant/Specialist.	51.1001	Blood Bank Technology Specialist.
51.0711	Medical/Health Management and Clinical Assistant/Specialist.	51.1002	Cytotechnology/Cytotechnologist.
51.0712	Medical Reception/Receptionist.	51.1003	Hematology Technology/Technician.
51.0713	Medical Insurance Coding Specialist/Coder.	51.1004	Clinical/Medical Laboratory Technician.
51.0714	Medical Insurance Specialist/Medical Biller.	51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
51.0715	Health/Medical Claims Examiner.	51.1007	Histologic Technology/Histotechnologist.
51.0716	Medical Administrative/Executive Assistant and Medical Secretary.	51.1008	Histologic Technician.
51.0718	Long Term Care Administration/Management.	51.1009	Phlebotomy Technician/Phlebotomist.
51.0719	Clinical Research Coordinator.	51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.
51.0801	Medical/Clinical Assistant.	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
51.0802	Clinical/Medical Laboratory Assistant.	51.1201	Medicine.
51.0803	Occupational Therapist Assistant.	51.1501	Substance Abuse/Addiction Counseling.
51.0805	Pharmacy Technician/Assistant.	51.1503	Clinical/Medical Social Work.

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51.1506	Clinical Pastoral Counseling/Patient Counseling.	51.2311	Kinesiotherapy/Kinesiotherapist.
51.1507	Psychoanalysis and Psychotherapy.	51.2313	Animal-Assisted Therapy.
51.1508	Mental Health Counseling/Counselor.	51.2314	Rehabilitation Science.
51.1801	Opticianry/Ophthalmic Dispensing Optician.	51.2401	Veterinary Medicine.
51.1901	Osteopathic Medicine/Osteopathy.	51.2501	Veterinary Sciences/Veterinary Clinical Sciences, General.
51.2001	Pharmacy.	51.2601	Health Aide.
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.	51.2602	Home Health Aide/Home Attendant.
51.2003	Pharmaceutics and Drug Design.	51.2604	Rehabilitation Aide.
51.2004	Medicinal and Pharmaceutical Chemistry.	51.2706	Medical Informatics.
51.2005	Natural Products Chemistry and Pharmacognosy.	51.3501	Massage Therapy/Therapeutic Massage.
51.2006	Clinical and Industrial Drug Development.	51.3502	Asian Bodywork Therapy.
51.2007	Pharmacoeconomics/Pharmaceutical Economics.	51.3602	Yoga Teacher Training/Yoga Therapy.
51.2008	Clinical, Hospital, and Managed Care Pharmacy.	51.3603	Hypnotherapy/Hypnotherapist.
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.	51.3801	Registered Nursing/Registered Nurse.
51.2010	Pharmaceutical Sciences.	51.3802	Nursing Administration.
51.2011	Pharmaceutical Marketing and Management.	51.3803	Adult Health Nurse/Nursing.
51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other.	51.3805	Family Practice Nurse/Nursing.
51.2201	Public Health, General.	51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.
51.2202	Environmental Health.	51.3808	Nursing Science.
51.2205	Health/Medical Physics.	51.3809	Pediatric Nurse/Nursing.
51.2206	Occupational Health and Industrial Hygiene.	51.3810	Psychiatric/Mental Health Nurse/Nursing.
51.2207	Public Health Education and Promotion.	51.3811	Public Health/Community Nurse/Nursing.
51.2208	Community Health and Preventive Medicine.	51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.
51.2211	Health Services Administration.	51.3813	Clinical Nurse Specialist.
51.2212	Behavioral Aspects of Health.	51.3814	Critical Care Nursing.
51.2301	Art Therapy/Therapist.	51.3815	Occupational and Environmental Health Nursing.
51.2302	Dance Therapy/Therapist.	51.3816	Emergency Room/Trauma Nursing.
51.2305	Music Therapy/Therapist.	51.3818	Nursing Practice.
51.2306	Occupational Therapy/Therapist.	51.3819	Palliative Care Nursing.
51.2307	Orthotist/Prosthetist.	51.3820	Clinical Nurse Leader.
51.2308	Physical Therapy/Therapist.	51.3821	Geriatric Nurse/Nursing.
51.2309	Therapeutic Recreation/Recreational Therapy.	51.3822	Women's Health Nurse/Nursing.
51.2310	Vocational Rehabilitation Counseling/Counselor.	51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.
		51.3901	Licensed Practical/Vocational Nurse Training.

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51.3902 Nursing Assistant/Aide and Patient Care Assistant/Aide.  
51.3999 Practical Nursing, Vocational Nursing and Nursing Assistants,  
Other.

#### 52

52.0101 Business/Commerce, General.  
52.0201 Business Administration and Management, General.  
52.0202 Purchasing, Procurement/Acquisitions and Contracts  
Management.  
52.0203 Logistics, Materials, and Supply Chain Management.  
52.0204 Office Management and Supervision.  
52.0205 Operations Management and Supervision.  
52.0206 Non-Profit/Public/Organizational Management.  
52.0207 Customer Service Management.  
52.0208 E-Commerce/Electronic Commerce.  
52.0209 Transportation/Mobility Management.  
52.0210 Research and Development Management.  
52.0211 Project Management.  
52.0212 Retail Management.  
52.0213 Organizational Leadership.  
52.0301 Accounting.  
52.0302 Accounting Technology/Technician and Bookkeeping.  
52.0303 Auditing.  
52.0304 Accounting and Finance.  
52.0305 Accounting and Business/Management.  
52.0401 Administrative Assistant and Secretarial Science, General.  
52.0402 Executive Assistant/Executive Secretary.  
52.0406 Receptionist.  
52.0407 Business/Office Automation/Technology/Data Entry.  
52.0408 General Office Occupations and Clerical Services.  
52.0409 Parts, Warehousing, and Inventory Management Operations.  
52.0410 Traffic, Customs, and Transportation Clerk/Technician.  
52.0411 Customer Service Support/Call Center/Teleservice Operation.  
52.0501 Business/Corporate Communications.

52.0701 Entrepreneurship/Entrepreneurial Studies.  
52.0702 Franchising and Franchise Operations.  
52.0801 Finance, General.  
52.0803 Banking and Financial Support Services.  
52.0804 Financial Planning and Services.  
52.0806 International Finance.  
52.0807 Investments and Securities.  
52.0808 Public Finance.  
52.0809 Credit Management.  
52.0899 Finance and Financial Management Services, Other.  
52.0901 Hospitality Administration/Management, General.  
52.0904 Hotel/Motel Administration/Management.  
52.0905 Restaurant/Food Services Management.  
52.0906 Resort Management.  
52.0909 Hotel, Motel, and Restaurant Management.  
52.1001 Human Resources Management/Personnel Administration,  
General.  
52.1002 Labor and Industrial Relations.  
52.1003 Organizational Behavior Studies.  
52.1005 Human Resources Development.  
52.1099 Human Resources Management and Services, Other.  
52.1101 International Business/Trade/Commerce.  
52.1201 Management Information Systems, General.  
52.1206 Information Resources Management.  
52.1207 Knowledge Management.  
52.1301 Management Science.  
52.1302 Business Statistics.  
52.1304 Actuarial Science.  
52.1401 Marketing/Marketing Management, General.  
52.1402 Marketing Research.  
52.1403 International Marketing.  
52.1499 Marketing, Other.  
52.1501 Real Estate.  
52.1601 Taxation.  
52.1701 Insurance.

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52.1801 Sales, Distribution, and Marketing Operations, General.  
52.1802 Merchandising and Buying Operations.  
52.1803 Retailing and Retail Operations.  
52.1804 Selling Skills and Sales Operations.  
52.1899 General Merchandising, Sales, and Related Marketing Operations, Other.  
52.1902 Fashion Merchandising.  
52.1904 Apparel and Accessories Marketing Operations.  
52.1907 Vehicle and Vehicle Parts and Accessories Marketing Operations.  
52.1908 Business and Personal/Financial Services Marketing Operations.  
52.1909 Special Products Marketing Operations.  
52.1910 Hospitality and Recreation Marketing Operations.  
52.2001 Construction Management.  
52.2101 Telecommunications Management.  
54.0101 History, General.

### 60

60.0102 Dental Public Health Residency Program.  
60.0106 Pediatric Dentistry Residency Program.  
60.0409 Colon and Rectal Surgery Residency Program.  
60.0413 Family Medicine Residency Program.  
60.0414 General Surgery Residency Program.  
60.0416 Neurological Surgery Residency Program.  
60.0422 Orthopedic Surgery Residency Program.  
60.0427 Plastic Surgery Residency Program.  
60.0432 Thoracic Surgery Residency Program.  
60.0434 Vascular Surgery Residency Program.  
60.0510 Congenital Cardiac Surgery Residency Program.  
60.0547 Orthopedic Surgery of the Spine Residency Program.  
60.0558 Pediatric Orthopedics Residency Program.  
60.0565 Pediatric Surgery Residency Program.  
60.0569 Plastic Surgery Within the Head and Neck Residency Program.

60.0578 Surgery of the Hand Residency Program.  
60.0579 Surgical Critical Care Residency Program.

## APPENDIX C

### Arkansas List Sorted by Occupation Title

<b>A</b>			
13-2011	Accountants and Auditors	11-1011	Chief Executives
11-3011	Administrative Services Managers	21-1021	Child, Family, and School Social Workers
41-3011	Advertising Sales Agents	39-9011	Childcare Workers
19-4011	Agricultural and Food Science Technicians	17-2051	Civil Engineers
45-2091	Agricultural Equipment Operators	13-1031	Claims Adjusters, Examiners, and Investigators
49-3011	Aircraft Mechanics and Service Technicians	53-7061	Cleaners of Vehicles and Equipment
39-3091	Amusement and Recreation Attendants	21-2011	Clergy
13-2021	Appraisers and Assessors of Real Estate	19-3031	Clinical, Counseling, and School Psychologists
53-6031	Automotive and Watercraft Service Attendants	27-2022	Coaches and Scouts
49-3021	Automotive Body and Related Repairers	51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders
49-3023	Automotive Service Technicians and Mechanics	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food
<b>B</b>		13-1041	Compliance Officers
51-3011	Bakers	11-3021	Computer and Information Systems Managers
35-3011	Bartenders	15-1143	Computer Network Architects
43-3011	Bill and Account Collectors	15-1152	Computer Network Support Specialists
43-3021	Billing and Posting Clerks	15-1131	Computer Programmers
43-3031	Bookkeeping, Accounting, and Auditing Clerks	15-1121	Computer Systems Analysts
47-2021	Brickmasons and Blockmasons	15-1151	Computer User Support Specialists
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	49-2011	Computer, Automated Teller, and Office Machine Repairers
53-3022	Bus Drivers, School or Special Client	51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
25-1011	Business Teachers, Postsecondary	47-4011	Construction and Building Inspectors
<b>C</b>		47-2061	Construction Laborers
29-2031	Cardiovascular Technologists and Technicians	11-9021	Construction Managers
25-2032	Career/Technical Education Teachers, Secondary School	53-7011	Conveyor Operators and Tenders
43-5011	Cargo and Freight Agents	35-2011	Cooks, Fast Food
47-2031	Carpenters	35-2012	Cooks, Institution and Cafeteria
41-2011	Cashiers	35-2014	Cooks, Restaurant
47-2051	Cement Masons and Concrete Finishers	35-2015	Cooks, Short Order
35-1011	Chefs and Head Cooks	33-3012	Correctional Officers and Jailers
51-9011	Chemical Equipment Operators and Tenders	13-1051	Cost Estimators
		41-2021	Counter and Rental Clerks

## APPENDIX C

### Arkansas List Sorted by Occupation Title

35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders
53-7021	Crane and Tower Operators		
43-4051	Customer Service Representatives		
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders		
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic		
	<b>D</b>		
43-9021	Data Entry Keyers		
15-1141	Database Administrators		
41-9011	Demonstrators and Product Promoters		
31-9091	Dental Assistants		
29-2021	Dental Hygienists		
29-1021	Dentists, General		
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers		
21-2021	Directors, Religious Activities and Education		
35-9021	Dishwashers		
43-5032	Dispatchers, Except Police, Fire, and Ambulance		
53-3031	Driver/Sales Workers		
47-2081	Drywall and Ceiling Tile Installers		
	<b>E</b>		
11-9032	Education Administrators, Elementary and Secondary School		
11-9033	Education Administrators, Postsecondary		
	Education Administrators, Preschool and Childcare		
11-9031	Center/Program		
21-1012	Educational, Guidance, School, and Vocational Counselors		
49-9051	Electrical Power-Line Installers and Repairers		
47-2111	Electricians		
25-2021	Elementary School Teachers, Except Special Education		
43-4061	Eligibility Interviewers, Government Programs		
29-2041	Emergency Medical Technicians and Paramedics		
43-6011	Executive Secretaries and Executive Administrative Assistants		
			<b>F</b>
		29-1062	Family and General Practitioners
		49-3041	Farm Equipment Mechanics and Service Technicians
		11-9013	Farmers, Ranchers, and Other Agricultural Managers
		45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
		45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals
		51-2091	Fiberglass Laminators and Fabricators
		13-2051	Financial Analysts
		11-3031	Financial Managers
		33-2011	Firefighters
		47-1011	First-Line Supervisors of Construction Trades and Extraction Workers
		33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers
		35-1012	First-Line Supervisors of Food Preparation and Serving Workers
		53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand
		37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers
		37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers
		49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers
		41-1012	First-Line Supervisors of Non-Retail Sales Workers
		43-1011	First-Line Supervisors of Office and Administrative Support Workers
		39-1021	First-Line Supervisors of Personal Service Workers
		33-1012	First-Line Supervisors of Police and Detectives
		51-1011	First-Line Supervisors of Production and Operating Workers
		41-1011	First-Line Supervisors of Retail Sales Workers
		53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators
		39-9031	Fitness Trainers and Aerobics Instructors
		51-3092	Food Batchmakers
		51-3093	Food Cooking Machine Operators and Tenders
		35-2021	Food Preparation Workers

## APPENDIX C

### Arkansas List Sorted by Occupation Title

35-3041 Food Servers, Nonrestaurant  
11-9051 Food Service Managers

#### G

11-1021 General and Operations Managers  
45-2041 Graders and Sorters, Agricultural Products  
25-1191 Graduate Teaching Assistants  
27-1024 Graphic Designers  
51-4033 Grinding, Lapping, Polishing, & Buffing Machine Tool Setters,  
Operators, & Tenders, Metal & Plastic

#### H

39-5012 Hairdressers, Hairstylists, and Cosmetologists  
25-1071 Health Specialties Teachers, Postsecondary  
21-1022 Healthcare Social Workers  
49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and  
Installers  
53-3032 Heavy and Tractor-Trailer Truck Drivers  
47-3013 Helpers--Electricians  
49-9098 Helpers--Installation, Maintenance, and Repair Workers  
51-9198 Helpers--Production Workers  
47-4051 Highway Maintenance Workers  
31-1011 Home Health Aides  
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop  
43-4081 Hotel, Motel, and Resort Desk Clerks  
43-4161 Human Resources Assistants, Except Payroll and Timekeeping  
11-3121 Human Resources Managers  
13-1071 Human Resources Specialists

#### I

17-2112 Industrial Engineers  
49-9041 Industrial Machinery Mechanics  
11-3051 Industrial Production Managers  
53-7051 Industrial Truck and Tractor Operators

15-1122 Information Security Analysts  
51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers  
43-9041 Insurance Claims and Policy Processing Clerks  
41-3021 Insurance Sales Agents  
43-4111 Interviewers, Except Eligibility and Loan

#### J

37-2011 Janitors and Cleaners, Except Maids and Housekeeping  
Cleaners

#### K

25-2012 Kindergarten Teachers, Except Special Education

#### L

53-7062 Laborers and Freight, Stock, and Material Movers, Hand  
37-3011 Landscaping and Groundskeeping Workers  
51-6011 Laundry and Dry-Cleaning Workers  
23-1011 Lawyers  
11-1031 Legislators  
25-4021 Librarians  
43-4121 Library Assistants, Clerical  
25-4031 Library Technicians  
29-2061 Licensed Practical and Licensed Vocational Nurses  
53-3033 Light Truck or Delivery Services Drivers  
43-4131 Loan Interviewers and Clerks  
13-2072 Loan Officers  
53-4011 Locomotive Engineers  
11-9081 Lodging Managers  
45-4022 Logging Equipment Operators  
13-1081 Logisticians

#### M

53-7063 Machine Feeders and Offbearers  
51-4041 Machinists  
37-2012 Maids and Housekeeping Cleaners

## APPENDIX C

### Arkansas List Sorted by Occupation Title

49-9071 Maintenance and Repair Workers, General  
49-9043 Maintenance Workers, Machinery  
13-1111 Management Analysts  
13-1161 Market Research Analysts and Marketing Specialists  
11-2021 Marketing Managers  
51-3022 Meat, Poultry, and Fish Cutters and Trimmers  
17-2141 Mechanical Engineers  
29-2012 Medical and Clinical Laboratory Technicians  
29-2011 Medical and Clinical Laboratory Technologists  
11-9111 Medical and Health Services Managers  
31-9092 Medical Assistants  
29-2071 Medical Records and Health Information Technicians  
43-6013 Medical Secretaries  
31-9094 Medical Transcriptionists  
21-1023 Mental Health and Substance Abuse Social Workers  
21-1014 Mental Health Counselors  
27-1026 Merchandise Displayers and Window Trimmers  
25-2022 Middle School Teachers, Except Special and Career/Technical Education  
49-9044 Millwrights  
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders  
49-3042 Mobile Heavy Equipment Mechanics, Except Engines  
51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic

#### N

15-1142 Network and Computer Systems Administrators  
39-2021 Nonfarm Animal Caretakers  
29-1171 Nurse Practitioners  
31-1014 Nursing Assistants

#### O

29-1122 Occupational Therapists  
43-9061 Office Clerks, General

47-2073 Operating Engineers and Other Construction Equipment Operators  
15-2031 Operations Research Analysts  
29-2081 Opticians, Dispensing  
43-4151 Order Clerks

#### P

51-9111 Packaging and Filling Machine Operators and Tenders  
53-7064 Packers and Packagers, Hand  
47-2141 Painters, Construction and Maintenance  
51-9122 Painters, Transportation Equipment  
51-9196 Paper Goods Machine Setters, Operators, and Tenders  
23-2011 Paralegals and Legal Assistants  
41-2022 Parts Salespersons  
47-2071 Paving, Surfacing, and Tamping Equipment Operators  
43-3051 Payroll and Timekeeping Clerks  
39-9021 Personal Care Aides  
13-2052 Personal Financial Advisors  
37-2021 Pest Control Workers  
29-1051 Pharmacists  
31-9095 Pharmacy Aides  
29-2052 Pharmacy Technicians  
31-9097 Phlebotomists  
27-4021 Photographers  
31-2022 Physical Therapist Aides  
31-2021 Physical Therapist Assistants  
29-1123 Physical Therapists  
47-2152 Plumbers, Pipefitters, and Steamfitters  
33-3051 Police and Sheriff's Patrol Officers  
43-5031 Police, Fire, and Ambulance Dispatchers  
43-5052 Postal Service Mail Carriers  
25-2011 Preschool Teachers, Except Special Education  
21-1092 Probation Officers and Correctional Treatment Specialists  
43-5061 Production, Planning, and Expediting Clerks  
11-9141 Property, Real Estate, and Community Association Managers



## APPENDIX C

### Arkansas List Sorted by Occupation Title

<b>V</b>	
31-9096	Veterinary Assistants and Laboratory Animal Caretakers
25-1194	Vocational Education Teachers, Postsecondary
<b>W</b>	
35-3031	Waiters and Waitresses
51-8031	Water and Wastewater Treatment Plant and System Operators
15-1134	Web Developers

43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping
51-4121	Welders, Cutters, Solderers, and Brazers
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders
13-1022	Wholesale and Retail Buyers, Except Farm Products
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing
27-3043	Writers and Authors

## APPENDIX D

### Arkansas List Sorted by CIP Title

<b>A</b>			
52.0305	Accounting and Business/Management.	47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician.
30.1601	Accounting and Computer Science.	47.0614	Alternative Fuel Vehicle Technology/Technician.
52.0304	Accounting and Finance.	22.0203	American/U.S. Law/Legal Studies/Jurisprudence.
52.0302	Accounting Technology/Technician and Bookkeeping.	51.0809	Anesthesiologist Assistant.
52.0301	Accounting.	01.0903	Animal Health.
52.1304	Actuarial Science.	01.0904	Animal Nutrition.
52.0401	Administrative Assistant and Secretarial Science, General.	01.0901	Animal Sciences, General.
13.1201	Adult and Continuing Education and Teaching.	01.0999	Animal Sciences, Other.
51.3803	Adult Health Nurse/Nursing.	01.0302	Animal/Livestock Husbandry and Production.
51.0502	Advanced General Dentistry.	51.2313	Animal-Assisted Therapy.
22.0201	Advanced Legal Research/Studies, General.	52.1904	Apparel and Accessories Marketing Operations.
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General.	19.0905	Apparel and Textile Marketing Management.
01.0102	Agribusiness/Agricultural Business Operations.	42.2814	Applied Behavior Analysis.
01.0902	Agricultural Animal Breeding.	45.0602	Applied Economics.
01.0101	Agricultural Business and Management, General.	01.0601	Applied Horticulture/Horticulture Operations, General.
01.0199	Agricultural Business and Management, Other.	01.0303	Aquaculture.
01.0106	Agricultural Business Technology.	13.1302	Art Teacher Education.
01.0802	Agricultural Communication/Journalism.	51.2301	Art Therapy/Therapist.
01.0205	Agricultural Mechanics and Equipment/Machine Technology.	50.0701	Art/Art Studies, General.
01.0201	Agricultural Mechanization, General.	11.0102	Artificial Intelligence.
01.0299	Agricultural Mechanization, Other.	51.3502	Asian Bodywork Therapy.
01.0204	Agricultural Power Machinery Operation.	51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
01.0301	Agricultural Production Operations, General.	51.0202	Audiology/Audiologist.
01.0399	Agricultural Production Operations, Other.	52.0303	Auditing.
13.1301	Agricultural Teacher Education.	47.0603	Autobody/Collision and Repair Technology/Technician.
01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.	47.0604	Automobile/Automotive Mechanics Technology/Technician.
01.0308	Agroecology and Sustainable Agriculture.	15.0803	Automotive Engineering Technology/Technician.
01.1102	Agronomy and Crop Science.	49.0104	Aviation/Airway Management and Operations.
47.0608	Aircraft Powerplant Technology/Technician.		

## APPENDIX D

### Arkansas List Sorted by CIP Title

<b>B</b>	
12.0501	Baking and Pastry Arts/Baker/Pastry Chef.
52.0803	Banking and Financial Support Services.
22.0205	Banking, Corporate, Finance, and Securities Law.
12.0502	Bartending/Bartender.
51.2212	Behavioral Aspects of Health.
39.0201	Bible/Biblical Studies.
13.0201	Bilingual and Multilingual Education.
26.1103	Bioinformatics.
13.1322	Biology Teacher Education.
26.0101	Biology/Biological Sciences, General.
26.1102	Biostatistics.
46.0505	Blasting/Blaster.
51.1001	Blood Bank Technology Specialist.
09.0402	Broadcast Journalism.
46.0415	Building Construction Technology.
46.0412	Building/Construction Site Management/Manager.
46.0403	Building/Home/Construction Inspection/Inspector.
46.0401	Building/Property Maintenance.
52.0201	Business Administration and Management, General.
52.1908	Business and Personal/Financial Services Marketing Operations.
47.0102	Business Machine Repair.
52.1302	Business Statistics.
13.1303	Business Teacher Education.
52.0101	Business/Commerce, General.
52.0501	Business/Corporate Communications.
52.0407	Business/Office Automation/Technology/Data Entry.
<b>C</b>	
48.0703	Cabinetmaking and Millwork.
22.0204	Canadian Law/Legal Studies/Jurisprudence.
51.0915	Cardiopulmonary Technology/Technologist.
51.0901	Cardiovascular Technology/Technologist.
46.0201	Carpentry/Carpenter.
46.0413	Carpet, Floor, and Tile Worker.
41.0303	Chemical Process Technology.
41.0301	Chemical Technology/Technician.
13.1323	Chemistry Teacher Education.
40.0501	Chemistry, General.
19.0708	Child Care and Support Services Management.
19.0709	Child Care Provider/Assistant.
25.0102	Children and Youth Library Services.
23.1405	Children's and Adolescent Literature.
51.0813	Chiropractic Assistant/Technician.
51.0101	Chiropractic.
14.0801	Civil Engineering, General.
14.0899	Civil Engineering, Other.
51.2006	Clinical and Industrial Drug Development.
42.2807	Clinical Child Psychology.
51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
51.3820	Clinical Nurse Leader.
51.3813	Clinical Nurse Specialist.
51.1506	Clinical Pastoral Counseling/Patient Counseling.
42.2801	Clinical Psychology.
51.0719	Clinical Research Coordinator.
51.2008	Clinical, Hospital, and Managed Care Pharmacy.
51.0802	Clinical/Medical Laboratory Assistant.
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
51.1004	Clinical/Medical Laboratory Technician.
51.1503	Clinical/Medical Social Work.
13.1102	College Student Counseling and Personnel Services.
60.0409	Colon and Rectal Surgery Residency Program.
50.0402	Commercial and Advertising Art.
50.0406	Commercial Photography.
51.0299	Communication Disorders Sciences and Services, Other.
51.0201	Communication Sciences and Disorders, General.
09.0100	Communication, General.

## APPENDIX D

### Arkansas List Sorted by CIP Title

09.9999	Communication, Journalism, and Related Programs, Other.	12.0500	Cooking and Related Culinary Arts, General.
13.0407	Community College Education.	43.0199	Corrections and Criminal Justice, Other.
51.2208	Community Health and Preventive Medicine.	43.0102	Corrections.
44.0201	Community Organization and Advocacy.	12.0499	Cosmetology and Related Personal Grooming Arts, Other.
22.0206	Comparative Law.	12.0413	Cosmetology, Barber/Styling, and Nail Instructor.
11.0101	Computer and Information Sciences, General.	12.0401	Cosmetology/Cosmetologist, General.
11.1003	Computer and Information Systems Security/Information Assurance.	42.2803	Counseling Psychology.
14.0901	Computer Engineering, General.	13.1101	Counselor Education/School Counseling and Guidance Services.
14.0999	Computer Engineering, Other.	23.1302	Creative Writing.
11.0803	Computer Graphics.	52.0809	Credit Management.
47.0104	Computer Installation and Repair Technology/Technician.	43.0103	Criminal Justice/Law Enforcement Administration.
48.0510	Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.	43.0107	Criminal Justice/Police Science.
11.0299	Computer Programming, Other.	43.0104	Criminal Justice/Safety Studies.
11.0202	Computer Programming, Specific Applications.	43.0111	Criminalistics and Criminal Science.
11.0203	Computer Programming, Vendor/Product Certification.	43.0302	Crisis/Emergency/Disaster Management.
11.0201	Computer Programming/Programmer, General.	51.3814	Critical Care Nursing.
11.0701	Computer Science.	43.0119	Critical Incident Response/Special Police Operations.
14.0903	Computer Software Engineering.	43.0303	Critical Infrastructure Protection.
15.1204	Computer Software Technology/Technician.	01.0304	Crop Production.
11.1006	Computer Support Specialist.	12.0503	Culinary Arts/Chef Training.
11.0501	Computer Systems Analysis/Analyst.	12.0509	Culinary Science/Culinology.
11.0901	Computer Systems Networking and Telecommunications.	43.0123	Cultural/Archaeological Resources Protection.
13.1321	Computer Teacher Education.	52.0207	Customer Service Management.
46.0402	Concrete Finishing/Concrete Finisher.	52.0411	Customer Service Support/Call Center/Teleservice Operation.
60.0510	Congenital Cardiac Surgery Residency Program.	43.0116	Cyber/Computer Forensics and Counterterrorism.
15.1001	Construction Engineering Technology/Technician.	51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.
14.3301	Construction Engineering.	51.1002	Cytotechnology/Cytotechnologist.
52.2001	Construction Management.		<b>D</b>
46.0000	Construction Trades, General.	01.0306	Dairy Husbandry and Production.
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.	01.0905	Dairy Science.
19.0203	Consumer Merchandising/Retailing Management.	51.2302	Dance Therapy/Therapist.
		11.0601	Data Entry/Microcomputer Applications, General.

## APPENDIX D

### Arkansas List Sorted by CIP Title

11.0802	Data Modeling/Warehousing and Database Administration.	13.1008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.
51.0601	Dental Assisting/Assistant.	13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.
51.0501	Dental Clinical Sciences, General.	13.1012	Education/Teaching of Individuals with Speech or Language Impairments.
51.0602	Dental Hygiene/Hygienist.	13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.
51.0603	Dental Laboratory Technology/Technician.	13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.
60.0102	Dental Public Health Residency Program.	13.0401	Educational Leadership and Administration, General.
51.0401	Dentistry.	13.0404	Educational, Instructional, and Curriculum Supervision.
50.0401	Design and Visual Communications, General.	46.0301	Electrical and Power Transmission Installation/Installer, General.
42.2703	Developmental and Child Psychology.	46.0399	Electrical and Power Transmission Installers, Other.
19.0710	Developmental Services Worker.	46.0302	Electrician.
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.	51.0902	Electrocardiograph Technology/Technician.
47.0605	Diesel Mechanics Technology/Technician.	12.0404	Electrolysis/Electrology and Electrolysis Technician.
50.0102	Digital Arts.	14.4101	Electromechanical Engineering.
39.0602	Divinity/Ministry.	51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.
01.0504	Dog/Pet/Animal Grooming.	13.0408	Elementary and Middle School Administration/Principalship.
13.1324	Drama and Dance Teacher Education.	13.1202	Elementary Education and Teaching.
13.1304	Driver and Safety Teacher Education.	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
46.0404	Drywall Installation/Drywaller.	51.3816	Emergency Room/Trauma Nursing.
	<b>E</b>	22.0207	Energy, Environment, and Natural Resources Law.
13.1210	Early Childhood Education and Teaching.	15.1501	Engineering/Industrial Management.
13.1337	Earth Science Teacher Education.	23.0101	English Language and Literature, General.
52.0208	E-Commerce/Electronic Commerce.	13.1305	English/Language Arts Teacher Education.
13.1019	Education/Teaching of Individuals in Secondary Special Education Programs.	52.0701	Entrepreneurship/Entrepreneurial Studies.
13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.	13.1338	Environmental Education.
13.1013	Education/Teaching of Individuals with Autism.	51.2202	Environmental Health.
13.1005	Education/Teaching of Individuals with Emotional Disturbances.	26.1309	Epidemiology.
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness.	52.0402	Executive Assistant/Executive Secretary.
13.1006	Education/Teaching of Individuals with Mental Retardation.		
13.1007	Education/Teaching of Individuals with Multiple Disabilities.		

## APPENDIX D

### Arkansas List Sorted by CIP Title

<b>F</b>	
13.1308	Family & Consumer Sciences/Home Economics Teacher Ed.
19.0202	Family & Consumer Sciences/Human Sciences Communication.
19.0101	Family and Consumer Sciences/Human Sciences, General.
60.0413	Family Medicine Residency Program.
51.3805	Family Practice Nurse/Nursing.
01.0104	Farm/Farm and Ranch Management.
52.1902	Fashion Merchandising.
52.0899	Finance and Financial Management Services, Other.
52.0801	Finance, General.
43.0117	Financial Forensics and Fraud Investigation.
27.0305	Financial Mathematics.
52.0804	Financial Planning and Services.
43.0201	Fire Prevention and Safety Technology/Technician.
43.0299	Fire Protection, Other.
43.0203	Fire Science/Fire-fighting.
43.0202	Fire Services Administration.
49.0207	Flagging and Traffic Control.
01.0608	Floriculture/Floristry Operations and Management.
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant.
12.0507	Food Service, Waiter/Waitress, and Dining Room Management/Manager.
01.1002	Food Technology and Processing.
19.0505	Foodservice Systems Administration/Management.
13.1306	Foreign Language Teacher Education.
16.0101	Foreign Languages and Literatures, General.
52.0702	Franchising and Franchise Operations.
16.0901	French Language and Literature.
13.1325	French Language Teacher Education.
<b>G</b>	
23.1401	General Literature.
52.1899	General Merchandising, Sales, & Related Marketing Operations, Other.
<b>H</b>	
52.0408	General Office Occupations and Clerical Services.
60.0414	General Surgery Residency Program.
13.1332	Geography Teacher Education.
14.0802	Geotechnical and Geoenvironmental Engineering.
51.3821	Geriatric Nurse/Nursing.
13.1326	German Language Teacher Education.
16.0500	Germanic Languages, Literatures, and Linguistics, General.
42.2809	Geropsychology.
46.0406	Glazier.
31.0302	Golf Course Operation and Grounds Management.
10.0305	Graphic and Printing Equipment Operator, General Production.
50.0409	Graphic Design.
01.0604	Greenhouse Operations and Management.
<b>H</b>	
12.0407	Hair Styling/Stylist and Hair Design.
51.2601	Health Aide.
31.0501	Health and Physical Education/Fitness, General.
09.0905	Health Communication.
51.0706	Health Information/Medical Records Administration/Administrator.
51.0707	Health Information/Medical Records Technology/Technician.
22.0208	Health Law.
13.1327	Health Occupations Teacher Education.
44.0503	Health Policy Analysis.
51.2211	Health Services Administration.
13.1307	Health Teacher Education.
51.0704	Health Unit Manager/Ward Supervisor.
51.0701	Health/Health Care Administration/Management.
51.0715	Health/Medical Claims Examiner.
51.2205	Health/Medical Physics.
42.2810	Health/Medical Psychology.
47.0201	HVACR Maintenance Technology/Technician.
15.0501	HVACR Engineering Technology/Technician.
47.0302	Heavy Equipment Maintenance Technology/Technician.

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### Arkansas List Sorted by CIP Title

51.1003	Hematology Technology/Technician.	46.0414	Insulator.
47.0617	High Performance and Custom Engine Technician/Mechanic.	52.1701	Insurance.
13.0406	Higher Education/Higher Education Administration.	22.0212	Intellectual Property Law.
51.1008	Histologic Technician.	09.0907	International and Intercultural Communication.
51.1007	Histologic Technology/Histotechnologist.	22.0210	International Business, Trade, and Tax Law.
13.1328	History Teacher Education.	52.1101	International Business/Trade/Commerce.
54.0101	History, General.	52.0806	International Finance.
51.2602	Home Health Aide/Home Attendant.	22.0209	International Law and Legal Studies.
43.0301	Homeland Security.	52.1403	International Marketing.
01.0307	Horse Husbandry/Equine Science and Management.	52.0807	Investments and Securities.
01.1103	Horticultural Science.		
51.0702	Hospital and Health Care Facilities Administration/Management.		<b>J</b>
52.0901	Hospitality Administration/Management, General.	09.0401	Journalism.
52.1910	Hospitality and Recreation Marketing Operations.	13.1203	Junior High/Intermediate/Middle School Education and Teaching.
52.0909	Hotel, Motel, and Restaurant Management.	43.0110	Juvenile Corrections.
52.0904	Hotel/Motel Administration/Management.		
52.1005	Human Resources Development.		<b>K</b>
52.1099	Human Resources Management and Services, Other.	13.1209	Kindergarten/Preschool Education and Teaching.
52.1001	Human Resources Management/Personnel Administration, General.	51.2311	Kinesiotherapy/Kinesiotherapist.
44.0000	Human Services, General.	52.1207	Knowledge Management.
51.3603	Hypnotherapy/Hypnotherapist.		
	<b>I</b>		<b>L</b>
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.	52.1002	Labor and Industrial Relations.
50.0404	Industrial and Product Design.	01.0605	Landscaping and Groundskeeping.
14.3501	Industrial Engineering.	16.1203	Latin Language and Literature.
47.0303	Industrial Mechanics and Maintenance Technology.	13.1333	Latin Teacher Education.
11.0104	Informatics.	43.0114	Law Enforcement Investigation and Interviewing.
52.1206	Information Resources Management.	43.0115	Law Enforcement Record-Keeping and Evidence Management.
11.0401	Information Science/Studies.	22.0101	Law.
11.1005	Information Technology Project Management.	39.0705	Lay Ministry.
11.0103	Information Technology.	22.0302	Legal Assistant/Paralegal.
12.0508	Institutional Food Workers.	22.0299	Legal Research and Advanced Professional Studies, Other.
		25.0301	Library and Archives Assisting.
		25.0101	Library and Information Science.

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25.0199 Library Science and Administration, Other.  
51.3901 Licensed Practical/Vocational Nurse Training.  
46.0303 Lineworker.  
23.1499 Literature, Other.  
01.0906 Livestock Management.  
52.0203 Logistics, Materials, and Supply Chain Management.  
51.0718 Long Term Care Administration/Management.

#### M

48.0503 Machine Shop Technology/Assistant.  
48.0501 Machine Tool Technology/Machinist.  
12.0406 Make-Up Artist/Specialist.  
51.0919 Mammography Technician/Technology.  
52.1201 Management Information Systems, General.  
52.1301 Management Science.  
14.3601 Manufacturing Engineering.  
43.0122 Maritime Law Enforcement.  
52.1402 Marketing Research.  
52.1499 Marketing, Other.  
52.1401 Marketing/Marketing Management, General.  
46.0101 Mason/Masonry.  
09.0102 Mass Communication/Media Studies.  
51.3501 Massage Therapy/Therapeutic Massage.  
14.1801 Materials Engineering.  
51.3806 Maternal/Child Health and Neonatal Nurse/Nursing.  
13.1311 Mathematics Teacher Education.  
27.0101 Mathematics, General.  
12.0506 Meat Cutting/Meat Cutter.  
14.1901 Mechanical Engineering.  
51.0716 Medical Administrative/Executive Assistant and Medical Secretary.  
51.2706 Medical Informatics.  
51.0713 Medical Insurance Coding Specialist/Coder.  
51.0714 Medical Insurance Specialist/Medical Biller.

51.0710 Medical Office Assistant/Specialist.  
51.0709 Medical Office Computer Specialist/Assistant.  
51.0705 Medical Office Management/Administration.  
51.0907 Medical Radiologic Technology/Science - Radiation Therapist.  
51.0712 Medical Reception/Receptionist.  
51.0708 Medical Transcription/Transcriptionist.  
51.0801 Medical/Clinical Assistant.  
51.0711 Medical/Health Management and Clinical Assistant/Specialist.  
51.2004 Medicinal and Pharmaceutical Chemistry.  
51.1201 Medicine.  
47.0613 Medium/Heavy Vehicle and Truck Technology/Technician.  
51.1508 Mental Health Counseling/Counselor.  
52.1802 Merchandising and Buying Operations.  
46.0411 Metal Building Assembly/Assembler.  
48.0511 Metal Fabricator.  
39.0301 Missions/Missionary Studies and Missiology.  
49.0206 Mobil Crane Operation/Operator.  
11.0804 Modeling, Virtual Environments and Simulation.  
13.1312 Music Teacher Education.  
51.2305 Music Therapy/Therapist.  
50.0901 Music, General.

#### N

51.2005 Natural Products Chemistry and Pharmacognosy.  
03.0208 Natural Resources Law Enforcement and Protective Services.  
11.1001 Network and System Administration/Administrator.  
60.0416 Neurological Surgery Residency Program.  
52.0206 Non-Profit/Public/Organizational Management.  
51.0905 Nuclear Medical Technology/Technologist.  
51.3802 Nursing Administration.  
51.3902 Nursing Assistant/Aide and Patient Care Assistant/Aide.  
51.3818 Nursing Practice.  
51.3808 Nursing Science.

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### Arkansas List Sorted by CIP Title

#### O

51.3815 Occupational and Environmental Health Nursing.  
51.2206 Occupational Health and Industrial Hygiene.  
51.0803 Occupational Therapist Assistant.  
51.2306 Occupational Therapy/Therapist.  
52.0204 Office Management and Supervision.  
52.0205 Operations Management and Supervision.  
14.3701 Operations Research.  
51.1801 Opticianry/Ophthalmic Dispensing Optician.  
52.1003 Organizational Behavior Studies.  
52.0213 Organizational Leadership.  
01.0603 Ornamental Horticulture.  
60.0547 Orthopedic Surgery of the Spine Residency Program.  
60.0422 Orthopedic Surgery Residency Program.  
51.2307 Orthotist/Prosthetist.  
51.1901 Osteopathic Medicine/Osteopathy.

#### P

15.1503 Packaging Science.  
46.0408 Painting/Painter and Wall Coverer.  
51.3819 Palliative Care Nursing.  
31.0399 Parks, Recreation and Leisure Facilities Management, Other.  
52.0409 Parts, Warehousing, and Inventory Management Operations.  
39.0701 Pastoral Studies/Counseling.  
60.0106 Pediatric Dentistry Residency Program.  
51.0509 Pediatric Dentistry/Pedodontics.  
51.3809 Pediatric Nurse/Nursing.  
60.0558 Pediatric Orthopedics Residency Program.  
60.0565 Pediatric Surgery Residency Program.  
51.0906 Perfusion Technology/Perfusionist.  
51.3812 Perioperative/Operating Room and Surgical Nurse/Nursing.  
12.0411 Permanent Cosmetics/Makeup and Tattooing.  
51.2011 Pharmaceutical Marketing and Management.

51.2010 Pharmaceutical Sciences.  
51.2003 Pharmaceutics and Drug Design.  
51.2007 Pharmacoeconomics/Pharmaceutical Economics.  
26.1099 Pharmacology and Toxicology, Other.  
51.2002 Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.  
51.0805 Pharmacy Technician/Assistant.  
51.2099 Pharmacy, Pharmaceutical Sciences, and Administration, Other.  
51.2001 Pharmacy.  
51.1009 Phlebotomy Technician/Phlebotomist.  
50.0605 Photography.  
09.0404 Photojournalism.  
13.1314 Physical Education Teaching and Coaching.  
31.0507 Physical Fitness Technician.  
40.0101 Physical Sciences.  
51.0806 Physical Therapy Technician/Assistant.  
51.2308 Physical Therapy/Therapist.  
51.0912 Physician Assistant.  
13.1329 Physics Teacher Education.  
40.0801 Physics, General.  
26.0999 Physiology, Pathology, and Related Sciences, Other.  
46.0502 Pipefitting/Pipefitter and Sprinkler Fitter.  
01.0606 Plant Nursery Operations and Management.  
01.1105 Plant Protection and Integrated Pest Management.  
01.1101 Plant Sciences, General.  
60.0427 Plastic Surgery Residency Program.  
60.0569 Plastic Surgery Within the Head and Neck Residency Program.  
50.0504 Playwriting and Screenwriting.  
46.0599 Plumbing and Related Water Supply Services, Other.  
46.0503 Plumbing Technology/Plumber.  
09.0904 Political Communication.  
01.0907 Poultry Science.  
51.3999 Practical Nursing, Vocational Nursing and Nursing Assistants, Other.  
39.0604 Pre-Theology/Pre-Ministerial Studies.

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23.1303	Professional, Technical, Business, and Scientific Writing.	51.3801	Registered Nursing/Registered Nurse.
22.0202	Programs for Foreign Lawyers.	51.2604	Rehabilitation Aide.
52.0211	Project Management.	51.2314	Rehabilitation Science.
43.0120	Protective Services Operations.	39.0401	Religious Education.
51.3810	Psychiatric/Mental Health Nurse/Nursing.	52.0210	Research and Development Management.
51.1507	Psychoanalysis and Psychotherapy.	52.0906	Resort Management.
13.1335	Psychology Teacher Education.	51.0908	Respiratory Care Therapy/Therapist.
42.0101	Psychology, General.	12.0504	Restaurant, Culinary, and Catering Management/Manager.
44.0401	Public Administration.	52.0905	Restaurant/Food Services Management.
52.0808	Public Finance.	52.0212	Retail Management.
51.2207	Public Health Education and Promotion.	52.1803	Retailing and Retail Operations.
51.2201	Public Health, General.	23.1304	Rhetoric and Composition.
51.3811	Public Health/Community Nurse/Nursing.	23.1399	Rhetoric and Composition/Writing Studies, Other.
44.0501	Public Policy Analysis, General.	16.0900	Romance Languages, Literatures, and Linguistics, General.
09.0900	Public Relations, Advertising, and Applied Communication.	46.0410	Roofer.
09.0902	Public Relations/Image Management.		
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.		
	<b>Q</b>		<b>S</b>
15.0702	Quality Control Technology/Technician.	13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education.
	<b>R</b>	52.1801	Sales, Distribution, and Marketing Operations, General.
39.0605	Rabbinical Studies.	12.0412	Salon/Beauty Salon Management/Manager.
51.0911	Radiologic Technology/Science - Radiographer.	13.1334	School Librarian/School Library Media Specialist.
49.0208	Railroad and Railway Transportation.	42.2805	School Psychology.
01.1106	Range Science and Management.	13.1316	Science Teacher Education/General Science Teacher Education.
13.1315	Reading Teacher Education.	13.1205	Secondary Education and Teaching.
04.1001	Real Estate Development.	13.0409	Secondary School Administration/Principalship.
52.1501	Real Estate.	47.0110	Security System Installation, Repair, and Inspection Technology/Technician.
52.0406	Receptionist.	52.1804	Selling Skills and Sales Operations.
47.0618	Recreation Vehicle (RV) Service Technician.	48.0506	Sheet Metal Technology/Sheetworking.
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.	13.1317	Social Science Teacher Education.
		45.0101	Social Sciences, General.
		13.1318	Social Studies Teacher Education.
		44.0799	Social Work, Other.



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46.0504 Well Drilling/Driller.  
43.0206 Wildland/Forest Firefighting and Investigation.  
12.0510 Wine Steward/Sommelier.  
51.3822 Women's Health Nurse/Nursing.  
39.0704 Women's Ministry.  
48.0701 Woodworking, General.  
23.1301 Writing, General.

### Y

51.3602 Yoga Teacher Training/Yoga Therapy.  
39.0702 Youth Ministry.  
44.0702 Youth Services/Administration.