

# Projected Employment Opportunities List



2014-2015

# Projected Employment Opportunities List 2014-2015

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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 Investment 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 Investment 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 Investment 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 Investment 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).

### **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.

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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	\$142,180	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	\$87,800	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	\$21,250	44.0401 44.0501	Public Administration. Public Policy Analysis, General.
11-2021	Marketing Managers	\$118,880	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	\$100,080	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 2013 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
			52.0201 52.1401	Business Administration and Management, General. Marketing/Marketing Management, General.
11-3011	Administrative Services Managers	\$75,100	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	\$107,230	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	\$102,810	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	\$80,370	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	\$95,820	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	\$92,500	52.1001 52.1002	Human Resources Management/Personnel Administration, General. Labor and Industrial Relations.
11-9013	Farmers, Ranchers, and Other Agricultural Managers	\$69,590	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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			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	\$70,470	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	\$48,080	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	\$76,910	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	\$77,400	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	\$48,560	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	\$38,580	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	\$78,170	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	\$46,330	04.1001 52.1501	Real Estate Development. Real Estate.
11-9151	Social and Community Service Managers	\$52,130	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	\$64,860	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	\$52,780	52.1801 52.1899	Sales, Distribution, and Marketing Operations, General. General Merchandising, Sales, & Related Marketing Operations, Other.
13-1031	Claims Adjusters, Examiners, and Investigators	\$60,760	51.0715 52.1701	Health/Medical Claims Examiner. Insurance.
13-1041	Compliance Officers	\$52,170		NO MATCHING CIP CODE
13-1051	Cost Estimators	\$56,150	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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Occupation Information			Training Program Information	
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	\$48,600	52.1001 52.1003 52.1099	Human Resources Management/Personnel Administration, General. Organizational Behavior Studies. Human Resources Management and Services, Other.
13-1081	Logisticians	\$64,160	52.0205	Operations Management and Supervision.
13-1111	Management Analysts	\$65,640	52.0101 52.0201 52.0213	Business/Commerce, General. Business Administration and Management, General. Organizational Leadership.
13-1151	Training and Development Specialists	\$47,040	52.1001 52.1005	Human Resources Management/Personnel Administration, General. Human Resources Development.
13-1161	Market Research Analysts and Marketing Specialists	\$63,380	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	\$62,560	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.
13-2031	Budget Analysts	\$51,150	52.0301 52.0304 52.0801 52.0808	Accounting. Accounting and Finance. Finance, General. Public Finance.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
13-2051	Financial Analysts	\$74,420	27.0305 52.0304 52.0305 52.0801 52.0806 52.0807 52.0808	Financial Mathematics. Accounting and Finance. Accounting and Business/Management. Finance, General. International Finance. Investments and Securities. Public Finance.
13-2052	Personal Financial Advisors	\$73,450	52.0801 52.0804	Finance, General. Financial Planning and Services.
13-2072	Loan Officers	\$66,060	52.0801 52.0809	Finance, General. Credit Management.
13-2081	Tax Examiners and Collectors, and Revenue Agents	\$48,450	52.0301 52.1601	Accounting. Taxation.
13-2082	Tax Preparers	\$26,730	52.0302 52.1601	Accounting Technology/Technician and Bookkeeping. Taxation.
15-1121	Computer Systems Analysts	\$69,200	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	\$57,670	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.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
15-1131	Computer Programmers	\$68,350	11.0201 11.0202 11.0203 11.0299 11.0701 11.0803 11.0804 15.1204 51.0709 52.1201	Computer Programming/Programmer, General. Computer Programming, Specific Applications. Computer Programming, Vendor/Product Certification. Computer Programming, Other. 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	\$79,640	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	\$71,830	11.0102 11.0103 11.0104 11.0201 11.0202 11.0401	Artificial Intelligence. Information Technology. Informatics. Computer Programming/Programmer, General. Computer Programming, Specific Applications. Information Science/Studies.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0701 14.0901 14.0903 15.1204	Computer Science. Computer Engineering, General. Computer Software Engineering. Computer Software Technology/Technician.
15-1134	Web Developers	\$60,760	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	\$64,500	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	\$66,200	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	\$82,890	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	\$40,380	01.0106 11.1006 51.0709	Agricultural Business Technology. Computer Support Specialist. Medical Office Computer Specialist/Assistant.
15-1152	Computer Network Support Specialists	\$49,760	11.0201 11.0501 11.0701	Computer Programming/Programmer, General. Computer Systems Analysis/Analyst. Computer Science.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0901 11.1001 11.1002 11.1003 11.1006	Computer Systems Networking and Telecommunications. Network and System Administration/Administrator. System, Networking, and LAN/WAN Management/Manager. Computer and Information Systems Security/Information Assurance. Computer Support Specialist.
15-2041	Statisticians	\$54,600	26.1102 27.0101 27.0301 27.0304 27.0501 27.0502 27.0503 27.0599 45.0102 52.1302	Biostatistics. Mathematics, General. Applied Mathematics, General. Computational and Applied Mathematics. Statistics, General. Mathematical Statistics and Probability. Mathematics and Statistics. Statistics, Other. Research Methodology and Quantitative Methods. Business Statistics.
17-2051	Civil Engineers	\$72,760	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	\$72,530	14.3501 14.3601 15.1503	Industrial Engineering. Manufacturing Engineering. Packaging Science.
17-2141	Mechanical Engineers	\$72,390	14.1901 14.4101	Mechanical Engineering. Electromechanical Engineering.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
19-1012	Food Scientists and Technologists	\$68,310	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.
19-4011	Agricultural and Food Science Technicians	\$33,460	01.1002	Food Technology and Processing.
21-1012	Educational, Guidance, School, and Vocational Counselors	\$51,970	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	\$50,200	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	\$35,800	43.0110 44.0701 44.0702 44.0799	Juvenile Corrections. Social Work. Youth Services/Administration. Social Work, Other.
21-1022	Healthcare Social Workers	\$47,070	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1023	Mental Health and Substance Abuse Social Workers	\$37,440	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1093	Social and Human Service Assistants	\$27,040	19.0710 44.0000	Developmental Services Worker. Human Services, General.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
21-2011	Clergy	\$40,970	39.0601 39.0602 39.0604 39.0605 39.0699 39.0701 39.0702 39.0703 51.1506	Theology/Theological Studies. Divinity/Ministry. Pre-Theology/Pre-Ministerial Studies. Rabbinical Studies. Theological and Ministerial Studies, Other. Pastoral Studies/Counseling. Youth Ministry. Urban Ministry. Clinical Pastoral Counseling/Patient Counseling.
23-1011	Lawyers	\$101,340	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	\$39,660	22.0302	Legal Assistant/Paralegal.
25-1011	Business Teachers, Postsecondary	\$75,900	13.1303 13.1310 52.0101	Business Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Educ. Business/Commerce, General.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.0201	Business Administration and Management, General.
			52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
			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.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.1701	Insurance.
			52.2101	Telecommunications Management.
25-1071	Health Specialties Teachers, Postsecondary	\$107,710	13.1327	Health Occupations Teacher Education.
			26.0999	Physiology, Pathology, and Related Sciences, Other.
			26.1099	Pharmacology and Toxicology, Other.
			26.1102	Biostatistics.
			26.1309	Epidemiology.
			44.0503	Health Policy Analysis.
			51.0101	Chiropractic.
			51.0201	Communication Sciences and Disorders, General.
			51.0202	Audiology/Audiologist.
			51.0203	Speech-Language Pathology/Pathologist.
			51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
			51.0401	Dentistry.
			51.0501	Dental Clinical Sciences, General.
			51.0601	Dental Assisting/Assistant.
			51.0602	Dental Hygiene/Hygienist.
			51.0603	Dental Laboratory Technology/Technician.
			51.0802	Clinical/Medical Laboratory Assistant.
			51.0803	Occupational Therapist Assistant.
			51.0805	Pharmacy Technician/Assistant.
			51.0808	Veterinary/Animal Health Technology/Technician & Veterinary Assistant.
			51.0901	Cardiovascular Technology/Technologist.
			51.0902	Electrocardiograph Technology/Technician.
			51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist
			51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
			51.0905	Nuclear Medical Technology/Technologist.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			51.0906	Perfusion Technology/Perfusionist.
			51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
			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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			51.2313 51.2314 51.2401 51.2501 51.3501 51.3502 51.3603	Animal-Assisted Therapy. Rehabilitation Science. Veterinary Medicine. Veterinary Sciences/Veterinary Clinical Sciences, General. Massage Therapy/Therapeutic Massage. Asian Bodywork Therapy. Hypnotherapy/Hypnotherapist.
25-1072	Nursing Instructors and Teachers, Postsecondary	\$56,120	51.3801 51.3803 51.3804 51.3805 51.3806 51.3807 51.3808 51.3809 51.3810 51.3811 51.3812 51.3813 51.3816 51.3817 51.3819 51.3821 51.3822 51.3899	Registered Nursing/Registered Nurse. Adult Health Nurse/Nursing. Nurse Anesthetist. Family Practice Nurse/Nursing. Maternal/Child Health and Neonatal Nurse/Nursing. Nurse Midwife/Nursing Midwifery. Nursing Science. Pediatric Nurse/Nursing. Psychiatric/Mental Health Nurse/Nursing. Public Health/Community Nurse/Nursing. Perioperative/Operating Room and Surgical Nurse/Nursing. Clinical Nurse Specialist. Emergency Room/Trauma Nursing. Nursing Education. Palliative Care Nursing. Geriatric Nurse/Nursing. Women's Health Nurse/Nursing. RN, Nursing Admin, Nursing Research & Clinical Nursing, Other.
25-1081	Education Teachers, Postsecondary	\$62,230	13.0101 13.0607 13.1301	Education, General. Learning Sciences. Agricultural Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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.
			13.1303	Business Teacher Education.
			13.1304	Driver and Safety 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.
			13.1310	Sales & Marketing Operations/Marketing & Distribution Teacher Educat.
			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.
			13.1319	Technical Teacher Education.
			13.1320	Trade and Industrial 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.
			13.1328	History Teacher Education.
			13.1329	Physics Teacher Education.
			13.1330	Spanish Language Teacher Education.
			13.1331	Speech Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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.
			13.1337	Earth Science Teacher Education.
			44.0502	Education Policy Analysis.
25-1121	Art, Drama, and Music Teachers, Postsecondary	\$53,670	13.1302	Art Teacher Education.
			13.1312	Music Teacher Education.
			13.1324	Drama and Dance Teacher Education.
			50.0101	Visual and Performing Arts, General.
			50.0102	Digital Arts.
			50.0201	Crafts/Craft Design, Folk Art and Artisanry.
			50.0301	Dance, General.
			50.0302	Ballet.
			50.0399	Dance, Other.
			50.0401	Design and Visual Communications, General.
			50.0404	Industrial and Product Design.
			50.0406	Commercial Photography.
			50.0407	Fashion/Apparel Design.
			50.0409	Graphic Design.
			50.0501	Drama and Dramatics/Theatre Arts, General.
			50.0502	Technical Theatre/Theatre Design and Technology.
			50.0504	Playwriting and Screenwriting.
			50.0505	Theatre Literature, History and Criticism.
			50.0507	Directing and Theatrical Production.
			50.0509	Musical Theatre.
			50.0510	Costume Design.
			50.0599	Dramatic/Theatre Arts and Stagecraft, Other.
			50.0601	Film/Cinema/Video Studies.
			50.0602	Cinematography and Film/Video Production.
			50.0605	Photography.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			50.0607	Documentary Production.
			50.0699	Film/Video and Photographic Arts, Other.
			50.0701	Art/Art Studies, General.
			50.0702	Fine/Studio Arts, General.
			50.0703	Art History, Criticism and Conservation.
			50.0706	Intermedia/Multimedia.
			50.0708	Painting.
			50.0709	Sculpture.
			50.0710	Printmaking.
			50.0711	Ceramic Arts and Ceramics.
			50.0712	Fiber, Textile and Weaving Arts.
			50.0713	Metal and Jewelry Arts.
			50.0799	Fine Arts and Art Studies, Other.
			50.0902	Music History, Literature, and Theory.
			50.0903	Music Performance, General.
			50.0904	Music Theory and Composition.
			50.0905	Musicology and Ethnomusicology.
			50.0906	Conducting.
			50.0907	Keyboard Instruments.
			50.0908	Voice and Opera.
			50.0910	Jazz/Jazz Studies.
			50.0911	Stringed Instruments.
			50.0912	Music Pedagogy.
			50.0913	Music Technology.
			50.0914	Brass Instruments.
			50.0915	Woodwind Instruments.
			50.0916	Percussion Instruments.
			50.0999	Music, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			50.1001 50.1002 50.1003 50.1004 50.1099 50.9999	Arts, Entertainment, and Media Management, General. Fine and Studio Arts Management. Music Management. Theatre/Theatre Arts Management. Arts, Entertainment, and Media Management, Other. Visual and Performing Arts, Other.
25-1123	English Language and Literature Teachers, Postsecondary	\$53,970	13.1305 16.0104 23.0101 23.1301 23.1302 23.1303 23.1304 23.1399 23.1401 23.1402 23.1403 23.1404 23.1405 23.1499 23.9999	English/Language Arts Teacher Education. Comparative Literature. English Language and Literature, General. Writing, General. Creative Writing. Professional, Technical, Business, and Scientific Writing. Rhetoric and Composition. Rhetoric and Composition/Writing Studies, Other. General Literature. American Literature (United States). American Literature (Canadian). English Literature (British and Commonwealth). Children's and Adolescent Literature. Literature, Other. English Language and Literature/Letters, Other.
25-1191	Graduate Teaching Assistants	\$22,890		NO MATCHING CIP CODE
25-2011	Preschool Teachers, Except Special Education	\$30,640	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	\$44,520	13.0201 13.1209	Bilingual and Multilingual Education. Kindergarten/Preschool Education and Teaching.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			13.1210	Early Childhood Education and Teaching.
			13.1401	Teaching English as Second or Foreign Lang/ESL Language Instructor.
25-2021	Elementary School Teachers, Except Special Education	\$44,490	13.0201	Bilingual and Multilingual Education.
			13.1202	Elementary Education and Teaching.
			13.1206	Teacher Education, Multiple Levels.
			13.1338	Environmental Education.
			13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.
25-2022	Middle School Teachers, Except Special and Career/Technical Education	\$46,730	13.0201	Bilingual and Multilingual Education.
			13.1203	Junior High/Intermediate/Middle School Education and Teaching.
			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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			13.1326	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	Teaching English as Second or Foreign Lang/ESL Language Instructor.
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	\$47,970	13.0201	Bilingual and Multilingual Education.
			13.1203	Junior High/Intermediate/Middle School Education and Teaching.
			13.1205	Secondary Education and Teaching.
			13.1206	Teacher Education, Multiple Levels.
			13.1302	Art Teacher Education.
			13.1304	Driver and Safety 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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			13.1321	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.
			13.1328	History Teacher Education.
			13.1329	Physics Teacher Education.
			13.1330	Spanish Language Teacher Education.
			13.1331	Speech Teacher Education.
			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	Teaching English as Second or Foreign Lang/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.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			40.0801 45.0101 50.0701 50.0901 54.0101	Physics, General. Social Sciences, General. Art/Art Studies, General. Music, General. History, General.
25-2032	Career/Technical Education Teachers, Secondary School	\$50,570	13.1301 13.1303 13.1308 13.1309 13.1310 13.1319 13.1320 13.1327	Agricultural Teacher Education. Business Teacher Education. Family and Consumer Sciences/Home Economics Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Educat. Technical Teacher Education. Trade and Industrial Teacher Education. Health Occupations Teacher Education.
25-2052	Special Education Teachers, Kindergarten and Elementary School	\$45,460	13.1001 13.1003 13.1005 13.1006 13.1007 13.1008 13.1009 13.1011 13.1012 13.1013 13.1014 13.1016 13.1017	Special Education and Teaching, General. Ed/Teaching of Individuals w/ Hearing Impairments Including Deafness. Education/Teaching of Individuals with Emotional Disturbances. Education/Teaching of Individuals with Mental Retardation. Education/Teaching of Individuals with Multiple Disabilities. Ed/Teach of Individuals w/ Orthopedic & Other Phys Health Impairments. Ed/Teaching of Individuals w/ Vision Impairments Including Blindness. Education/Teaching of Individuals with Specific Learning Disabilities. Ed/Teaching of Individuals w/ Speech or Language Impairments. Education/Teaching of Individuals with Autism. Education/Teaching of Individuals Who are Developmentally Delayed. Education/Teaching of Individuals with Traumatic Brain Injuries. Ed/Teaching of Individuals in Elementary Special Education Programs.
25-2054	Special Education Teachers, Secondary School	\$48,930	13.1001 13.1003	Special Education and Teaching, General. Ed/Teaching of Individuals w/ Hearing Impairments Including Deafness.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			13.1005 13.1006 13.1007 13.1008 13.1009 13.1011 13.1012 13.1013 13.1014 13.1016 13.1019	Education/Teaching of Individuals with Emotional Disturbances. Education/Teaching of Individuals with Mental Retardation. Education/Teaching of Individuals with Multiple Disabilities. Ed/Teach of Individuals w/ Orthopedic & Other Phys Health Impairments. Ed/Teaching of Individuals w/ Vision Impairments Including Blindness. Education/Teaching of Individuals with Specific Learning Disabilities. Ed/Teaching of Individuals with Speech or Language Impairments. Education/Teaching of Individuals with Autism. Education/Teaching of Individuals Who are Developmentally Delayed. Education/Teaching of Individuals with Traumatic Brain Injuries. Ed/Teaching of Individuals in Secondary Special Education Programs.
25-3098	Substitute Teachers	\$19,840		NO MATCHING CIP CODE
25-4021	Librarians	\$51,440	13.1334 25.0101 25.0102 25.0199	School Librarian/School Library Media Specialist. Library and Information Science. Children and Youth Library Services. Library Science and Administration, Other.
25-4031	Library Technicians	\$25,650	25.0301	Library and Archives Assisting.
25-9031	Instructional Coordinators	\$60,090	13.0301 13.0501	Curriculum and Instruction. Educational/Instructional Technology.
25-9041	Teacher Assistants	\$19,150	13.1501	Teacher Assistant/Aide.
27-1024	Graphic Designers	\$38,590	01.0802 11.0801 11.0803 50.0102 50.0401 50.0402 50.0404 50.0409	Agricultural Communication/Journalism. Web Page, Digital/Multimedia and Information Resources Design. Computer Graphics. Digital Arts. Design and Visual Communications, General. Commercial and Advertising Art. Industrial and Product Design. Graphic Design.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
27-1026	Merchandise Displayers and Window Trimmers	\$32,400		NO MATCHING CIP CODE
27-2022	Coaches and Scouts	\$50,030	13.1314 31.0501 31.0504	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General. Sport and Fitness Administration/Management.
27-2042	Musicians and Singers	N/A	50.0509 50.0901 50.0903 50.0907 50.0908 50.0910 50.0911 50.0912 50.0914 50.0915 50.0916 50.0999	Musical Theatre. Music, General. Music Performance, General. Keyboard Instruments. Voice and Opera. Jazz/Jazz Studies. Stringed Instruments. Music Pedagogy. Brass Instruments. Woodwind Instruments. Percussion Instruments. Music, Other.
27-3031	Public Relations Specialists	\$45,790	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.
29-1021	Dentists, General	\$152,200	51.0401 51.0502	Dentistry. Advanced General Dentistry.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			51.0509 60.0102 60.0106	Pediatric Dentistry/Pedodontics. Dental Public Health Residency Program. Pediatric Dentistry Residency Program.
29-1041	Optometrists	\$108,770	51.1701	Optometry.
29-1051	Pharmacists	\$109,470	51.2001 51.2002 51.2003 51.2004 51.2005 51.2006 51.2007 51.2008 51.2009 51.2010	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. Industrial and Physical Pharmacy and Cosmetic Sciences. Pharmaceutical Sciences.
29-1062	Family and General Practitioners	\$210,600	51.1201 51.1901 60.0413	Medicine. Osteopathic Medicine/Osteopathy. Family Medicine Residency Program.
29-1122	Occupational Therapists	\$78,670	51.2306	Occupational Therapy/Therapist.
29-1123	Physical Therapists	\$77,040	51.2308 51.2311	Physical Therapy/Therapist. Kinesiotherapy/Kinesiotherapist.
29-1127	Speech-Language Pathologists	\$70,510	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.
29-1141	Registered Nurses	\$56,150	51.3801 51.3802 51.3803 51.3805	Registered Nursing/Registered Nurse. Nursing Administration. Adult Health Nurse/Nursing. Family Practice Nurse/Nursing.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			51.3806	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 and Clinical Nursing, Other.
29-1171	Nurse Practitioners	\$94,220	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.
			51.3821	Geriatric Nurse/Nursing.
			51.3822	Women's Health Nurse/Nursing.
			51.3899	RN, Nursing Admin, Nursing Research and Clinical Nursing, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
29-2011	Medical and Clinical Laboratory Technologists	\$49,150	51.1002 51.1005 51.1007 51.1010 51.1099	Cytotechnology/Cytotechnologist. Clinical Laboratory Science/Medical Technology/Technologist. Histologic Technology/Histotechnologist. Cytogenetics/Genetics/Clinical Genetics Technology/Technologist. Clinical/Medical Laboratory Science and Allied Professions, Other.
29-2012	Medical and Clinical Laboratory Technicians	\$35,880	51.0802 51.1001 51.1003 51.1004 51.1008 51.1099	Clinical/Medical Laboratory Assistant. Blood Bank Technology Specialist. Hematology Technology/Technician. Clinical/Medical Laboratory Technician. Histologic Technician. Clinical/Medical Laboratory Science and Allied Professions, Other.
29-2021	Dental Hygienists	\$61,030	51.0602	Dental Hygiene/Hygienist.
29-2034	Radiologic Technologists	\$46,620	51.0907 51.0911 51.0919	Medical Radiologic Technology/Science - Radiation Therapist. Radiologic Technology/Science - Radiographer. Mammography Technician/Technology.
29-2041	Emergency Medical Technicians and Paramedics	\$30,060	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
29-2052	Pharmacy Technicians	\$27,140	51.0805	Pharmacy Technician/Assistant.
29-2055	Surgical Technologists	\$39,740	51.0811 51.0909 51.1012	Pathology/Pathologist Assistant. Surgical Technology/Technologist. Sterile Processing Technology/Technician.
29-2061	Licensed Practical and Licensed Vocational Nurses	\$35,810	51.3901 51.3999	Licensed Practical/Vocational Nurse Training. Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
29-2071	Medical Records and Health Information Technicians	\$32,180	51.0707 51.0713	Health Information/Medical Records Technology/Technician. Medical Insurance Coding Specialist/Coder.
29-2081	Opticians, Dispensing	\$33,780	51.1801	Opticianry/Ophthalmic Dispensing Optician.
29-9011	Occupational Health and Safety Specialists	\$59,140	15.0701 15.0703	Occupational Safety and Health Technology/Technician. Industrial Safety Technology/Technician.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			51.2202	Environmental Health.
			51.2206	Occupational Health and Industrial Hygiene.
31-1011	Home Health Aides	\$18,390	51.2602	Home Health Aide/Home Attendant.
31-1014	Nursing Assistants	\$21,280	51.2601	Health Aide.
			51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide.
			51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
31-2021	Physical Therapist Assistants	\$48,510	51.0806	Physical Therapy Technician/Assistant.
31-9091	Dental Assistants	\$30,500	51.0601	Dental Assisting/Assistant.
31-9092	Medical Assistants	\$27,080	51.0710	Medical Office Assistant/Specialist.
			51.0712	Medical Reception/Receptionist.
			51.0713	Medical Insurance Coding Specialist/Coder.
			51.0716	Medical Administrative/Executive Assistant and Medical Secretary.
			51.0801	Medical/Clinical Assistant.
			51.0809	Anesthesiologist Assistant.
			51.0813	Chiropractic Assistant/Technician.
31-9097	Phlebotomists	\$25,180	51.1009	Phlebotomy Technician/Phlebotomist.
33-1012	First-Line Supervisors of Police and Detectives	\$52,140	03.0208	Natural Resources Law Enforcement and Protective Services.
			43.0102	Corrections.
			43.0103	Criminal Justice/Law Enforcement Administration.
			43.0104	Criminal Justice/Safety Studies.
			43.0115	Law Enforcement Record-Keeping and Evidence Management.
			43.0119	Critical Incident Response/Special Police Operations.
			43.0120	Protective Services Operations.
			43.0122	Maritime Law Enforcement.
			43.0123	Cultural/Archaeological Resources Protection.
			43.0301	Homeland Security.
			43.0302	Crisis/Emergency/Disaster Management.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			43.0303 43.0304	Critical Infrastructure Protection. Terrorism and Counterterrorism Operations.
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers	\$46,110	03.0208 43.0202 43.0299	Natural Resources Law Enforcement and Protective Services. Fire Services Administration. Fire Protection, Other.
33-2011	Firefighters	\$34,600	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	\$32,050	43.0102 43.0110 43.0199	Corrections. Juvenile Corrections. Corrections and Criminal Justice, Other.
33-3051	Police and Sheriff's Patrol Officers	\$37,050	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	\$23,830		NO MATCHING CIP CODE
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	\$17,350	03.0208	Natural Resources Law Enforcement and Protective Services.
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	\$26,500	12.0500 12.0503 12.0504	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training. Restaurant, Culinary, and Catering Management/Manager.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
			12.0507 19.0505	Food Service, Waiter/Waitress, & Dining Room Management/Manager. Foodservice Systems Administration/Management.
35-2011	Cooks, Fast Food	\$17,200		NO MATCHING CIP CODE
35-2012	Cooks, Institution and Cafeteria	\$19,160	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	\$19,400	12.0500 12.0503	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training.
35-2021	Food Preparation Workers	\$17,990		NO MATCHING CIP CODE
35-3011	Bartenders	\$17,850	12.0502	Bartending/Bartender.
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$17,220		NO MATCHING CIP CODE
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$17,380		NO MATCHING CIP CODE
35-3031	Waiters and Waitresses	\$17,170		NO MATCHING CIP CODE
35-3041	Food Servers, Nonrestaurant	\$17,460		NO MATCHING CIP CODE
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$17,090		NO MATCHING CIP CODE
35-9021	Dishwashers	\$17,430		NO MATCHING CIP CODE
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$17,620		NO MATCHING CIP CODE
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	\$30,410	46.0401	Building/Property Maintenance.
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$35,900	01.0601 01.0603 01.0604 01.0605 01.0606	Applied Horticulture/Horticulture Operations, General. Ornamental Horticulture. Greenhouse Operations and Management. Landscaping and Groundskeeping. Plant Nursery Operations and Management.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.0607 31.0302	Turf and Turfgrass Management. Golf Course Operation and Grounds Management.
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$20,860		NO MATCHING CIP CODE
37-2012	Maids and Housekeeping Cleaners	\$17,600		NO MATCHING CIP CODE
37-2021	Pest Control Workers	\$28,090		NO MATCHING CIP CODE
37-3011	Landscaping and Groundskeeping Workers	\$22,290		NO MATCHING CIP CODE
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$24,280	01.0605 01.0606 01.0607	Landscaping and Groundskeeping. Plant Nursery Operations and Management. Turf and Turfgrass Management.
37-3013	Tree Trimmers and Pruners	\$31,130		NO MATCHING CIP CODE
39-1021	First-Line Supervisors of Personal Service Workers	\$29,970	12.0412	Salon/Beauty Salon Management/Manager.
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$17,040		NO MATCHING CIP CODE
39-3091	Amusement and Recreation Attendants	\$19,460		NO MATCHING CIP CODE
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$25,050	12.0401 12.0404 12.0406 12.0407 12.0411 12.0412 12.0413 12.0499	Cosmetology/Cosmetologist, General. Electrolysis/Electrology and Electrolysis Technician. Make-Up Artist/Specialist. Hair Styling/Stylist and Hair Design. 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	\$18,060	19.0709	Child Care Provider/Assistant.
39-9021	Personal Care Aides	\$18,270	51.2602	Home Health Aide/Home Attendant.
39-9031	Fitness Trainers and Aerobics Instructors	\$22,320	13.1314 31.0501	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			31.0504 31.0507 51.3602	Sport and Fitness Administration/Management. Physical Fitness Technician. Yoga Teacher Training/Yoga Therapy.
39-9032	Recreation Workers	\$22,880		NO MATCHING CIP CODE
39-9041	Residential Advisors	\$24,860		NO MATCHING CIP CODE
41-1011	First-Line Supervisors of Retail Sales Workers	\$33,130	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	\$70,390	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	\$18,160		NO MATCHING CIP CODE
41-2021	Counter and Rental Clerks	\$21,500		NO MATCHING CIP CODE
41-2022	Parts Salespersons	\$28,440	52.1804 52.1907	Selling Skills and Sales Operations. Vehicle and Vehicle Parts and Accessories Marketing Operations.
41-2031	Retail Salespersons	\$23,910		NO MATCHING CIP CODE
41-3011	Advertising Sales Agents	\$46,730	52.1804	Selling Skills and Sales Operations.
41-3021	Insurance Sales Agents	\$51,350	52.1701	Insurance.
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$89,030	52.0804 52.0807 52.1908	Financial Planning and Services. Investments and Securities. Business and Personal/Financial Services Marketing Operations.
41-4011	Sales Reps, Wholesale & Manufacturing, Technical & Scientific Products	\$66,410	52.1804	Selling Skills and Sales Operations.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	\$53,530	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.
41-9041	Telemarketers	\$19,710		NO MATCHING CIP CODE
43-1011	First-Line Supervisors of Office and Administrative Support Workers	\$42,790	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	\$30,980	52.0803	Banking and Financial Support Services.
43-3021	Billing and Posting Clerks	\$29,750		NO MATCHING CIP CODE
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$32,500	52.0302	Accounting Technology/Technician and Bookkeeping.
43-3051	Payroll and Timekeeping Clerks	\$34,190	52.0302	Accounting Technology/Technician and Bookkeeping.
43-3071	Tellers	\$23,790	52.0803	Banking and Financial Support Services.
43-4031	Court, Municipal, and License Clerks	\$28,320		NO MATCHING CIP CODE
43-4051	Customer Service Representatives	\$28,980	52.0406 52.0411	Receptionist. Customer Service Support/Call Center/Teleservice Operation.
43-4061	Eligibility Interviewers, Government Programs	\$33,560	44.0201	Community Organization and Advocacy.
43-4071	File Clerks	\$22,750		NO MATCHING CIP CODE
43-4081	Hotel, Motel, and Resort Desk Clerks	\$17,940		NO MATCHING CIP CODE
43-4111	Interviewers, Except Eligibility and Loan	\$28,460		NO MATCHING CIP CODE
43-4121	Library Assistants, Clerical	\$20,380		NO MATCHING CIP CODE
43-4131	Loan Interviewers and Clerks	\$32,070	52.0803	Banking and Financial Support Services.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-4141	New Accounts Clerks	\$28,690	52.0803	Banking and Financial Support Services.
43-4151	Order Clerks	\$30,250		NO MATCHING CIP CODE
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$35,280		NO MATCHING CIP CODE
43-4171	Receptionists and Information Clerks	\$23,340	52.0406	Receptionist.
43-5031	Police, Fire, and Ambulance Dispatchers	\$25,140		NO MATCHING CIP CODE
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$35,900	52.0410	Traffic, Customs, and Transportation Clerk/Technician.
43-5041	Meter Readers, Utilities	\$30,770		NO MATCHING CIP CODE
43-5052	Postal Service Mail Carriers	\$49,150		NO MATCHING CIP CODE
43-5061	Production, Planning, and Expediting Clerks	\$40,700	52.0409	Parts, Warehousing, and Inventory Management Operations.
43-5071	Shipping, Receiving, and Traffic Clerks	\$28,740		NO MATCHING CIP CODE
43-5081	Stock Clerks and Order Fillers	\$22,050		NO MATCHING CIP CODE
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$27,330		NO MATCHING CIP CODE
43-6011	Executive Secretaries and Executive Administrative Assistants	\$42,110	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.
43-6013	Medical Secretaries	\$28,670	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	\$28,080	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.
43-9041	Insurance Claims and Policy Processing Clerks	\$33,390	52.0408	General Office Occupations and Clerical Services.
43-9061	Office Clerks, General	\$24,150	52.0408	General Office Occupations and Clerical Services.
45-2091	Agricultural Equipment Operators	\$28,310	01.0204	Agricultural Power Machinery Operation.
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$23,180		NO MATCHING CIP CODE

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	\$50,010	46.0000 46.0101 46.0201 46.0302 46.0401 46.0402 46.0403 46.0404 46.0406 46.0408 46.0410 46.0412 46.0413 46.0414 46.0415 46.0502 46.0503 46.0504 46.0505	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. Roofer. Building/Construction Site Management/Manager. Carpet, Floor, and Tile Worker. Insulator. Building Construction Technology. Pipefitting/Pipefitter and Sprinkler Fitter. Plumbing Technology/Plumber. Well Drilling/Driller. Blasting/Blaster.
47-2031	Carpenters	\$33,390	46.0201	Carpentry/Carpenter.
47-2061	Construction Laborers	\$25,490		NO MATCHING CIP CODE
47-2073	Operating Engineers and Other Construction Equipment Operators	\$34,630	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
47-2111	Electricians	\$42,470	46.0302	Electrician.
47-2141	Painters, Construction and Maintenance	\$30,280	46.0408	Painting/Painter and Wall Coverer.
47-2152	Plumbers, Pipefitters, and Steamfitters	\$38,820	46.0502 46.0503 46.0599	Pipefitting/Pipefitter and Sprinkler Fitter. Plumbing Technology/Plumber. Plumbing and Related Water Supply Services, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
47-2181	Roofers	\$32,060	46.0410	Roofer.
47-2211	Sheet Metal Workers	\$33,710	48.0506	Sheet Metal Technology/Sheetworking.
47-3013	Helpers--Electricians	\$25,540		NO MATCHING CIP CODE
47-4051	Highway Maintenance Workers	\$28,220	49.0202 49.0207	Construction/Heavy Equipment/Earthmoving Equipment Operation. Flagging and Traffic Control.
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	\$53,450	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.
49-3011	Aircraft Mechanics and Service Technicians	\$45,030	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	\$35,760	47.0603	Autobody/Collision and Repair Technology/Technician.
49-3023	Automotive Service Technicians and Mechanics	\$34,400	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	\$35,390	47.0605 47.0613	Diesel Mechanics Technology/Technician. Medium/Heavy Vehicle and Truck Technology/Technician.
49-3041	Farm Equipment Mechanics and Service Technicians	\$35,970	01.0201 01.0204 01.0205 01.0299	Agricultural Mechanization, General. Agricultural Power Machinery Operation. Agricultural Mechanics and Equipment/Machine Technology. Agricultural Mechanization, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$37,700	01.0205 47.0302	Agricultural Mechanics and Equipment/Machine Technology. Heavy Equipment Maintenance Technology/Technician.
49-3093	Tire Repairers and Changers	\$25,100		NO MATCHING CIP CODE
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$35,950	15.0501 47.0201	HVACR Engineering Technology/Technician. HVACRefrigeration Maintenance Technology/Technician.
49-9041	Industrial Machinery Mechanics	\$44,840	47.0303	Industrial Mechanics and Maintenance Technology.
49-9043	Maintenance Workers, Machinery	\$38,120	47.0303	Industrial Mechanics and Maintenance Technology.
49-9051	Electrical Power-Line Installers and Repairers	\$56,740	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	\$31,900	46.0401	Building/Property Maintenance.
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$26,430		NO MATCHING CIP CODE
51-1011	First-Line Supervisors of Production and Operating Workers	\$47,040	52.0205	Operations Management and Supervision.
51-2041	Structural Metal Fabricators and Fitters	\$33,630	48.0503 48.0511	Machine Shop Technology/Assistant. Metal Fabricator.
51-2092	Team Assemblers	\$27,920		NO MATCHING CIP CODE
51-3011	Bakers	\$21,240	12.0501	Baking and Pastry Arts/Baker/Pastry Chef.
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$21,950		NO MATCHING CIP CODE
51-3092	Food Batchmakers	\$23,170		NO MATCHING CIP CODE
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$35,460	48.0503 48.0510	Machine Shop Technology/Assistant. CNC Machinist Technology/CNC Machinist.
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, & Tenders, Metal & Plastic	\$28,630	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-4041	Machinists	\$35,920	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	\$29,620		NO MATCHING CIP CODE
51-4121	Welders, Cutters, Solderers, and Brazers	\$35,400	15.0614 48.0508	Welding Engineering Technology/Technician. Welding Technology/Welder.
51-6011	Laundry and Dry-Cleaning Workers	\$18,770		NO MATCHING CIP CODE
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$25,920	48.0703	Cabinetmaking and Millwork.
51-8031	Water and Wastewater Treatment Plant and System Operators	\$32,060	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
51-9011	Chemical Equipment Operators and Tenders	\$44,370	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$38,440		NO MATCHING CIP CODE
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$34,690		NO MATCHING CIP CODE
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	\$36,540		NO MATCHING CIP CODE
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$32,860	15.0702	Quality Control Technology/Technician.
51-9111	Packaging and Filling Machine Operators and Tenders	\$27,330		NO MATCHING CIP CODE
51-9197	Tire Builders	\$39,810		NO MATCHING CIP CODE
51-9198	Helpers--Production Workers	\$24,420		NO MATCHING CIP CODE
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	\$42,170		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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
53-1031	First-Line Supervisors of Transportation & Material-Moving Machine & Vehicle Operators	\$48,120	49.0208	Railroad and Railway Transportation.
53-3022	Bus Drivers, School or Special Client	\$21,350	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3031	Driver/Sales Workers	\$27,240		NO MATCHING CIP CODE
53-3032	Heavy and Tractor-Trailer Truck Drivers	\$36,600	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3033	Light Truck or Delivery Services Drivers	\$28,940	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3041	Taxi Drivers and Chauffeurs	\$19,910		NO MATCHING CIP CODE
53-6031	Automotive and Watercraft Service Attendants	\$20,360		NO MATCHING CIP CODE
53-7021	Crane and Tower Operators	\$37,480	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
53-7051	Industrial Truck and Tractor Operators	\$28,220		NO MATCHING CIP CODE
53-7061	Cleaners of Vehicles and Equipment	\$20,790		NO MATCHING CIP CODE
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$23,270		NO MATCHING CIP CODE
53-7063	Machine Feeders and Offbearers	\$29,100		NO MATCHING CIP CODE
53-7064	Packers and Packagers, Hand	\$21,430		NO MATCHING CIP CODE
53-7081	Refuse and Recyclable Material Collectors	\$26,020		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Central Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
15-2031	Operations Research Analysts	\$55,380	14.3701 52.1301	Operations Research. Management Science.
19-1031	Conservation Scientists	\$68,670	01.0308 01.1106 03.0101 03.0201 03.0205 03.0206 03.0501 03.0502 03.0506 03.0601	Agroecology and Sustainable Agriculture. Range Science and Management. Natural Resources/Conservation, General. Natural Resources Management and Policy. Water, Wetlands, and Marine Resources Management. Land Use Planning and Management/Development. Forestry, General. Forest Sciences and Biology. Forest Management/Forest Resources Management. Wildlife, Fish and Wildlands Science and Management.
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$31,210		NO MATCHING CIP CODE
53-4011	Locomotive Engineers	\$52,450	49.0208	Railroad and Railway Transportation.
53-4031	Railroad Conductors and Yardmasters	\$51,780	49.0208	Railroad and Railway Transportation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
City of Little Rock Workforce Investment Area**

Occupation Information			Training Program Information		
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title	
13-2053	Insurance Underwriters	\$63,090	52.1304 52.1701	Actuarial Science. Insurance.	

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Eastern Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title

No Additional Occupations for Eastern Arkansas Workforce Investment Area.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
North Central Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
47-5071	Roustabouts, Oil and Gas	\$39,200		NO MATCHING CIP CODE
51-3023	Slaughterers and Meat Packers	\$22,290	12.0506	Meat Cutting/Meat Cutter.
51-8012	Power Distributors and Dispatchers	\$71,820		NO MATCHING CIP CODE
51-9081	Dental Laboratory Technicians	\$37,270	51.0603	Dental Laboratory Technology/Technician.
51-9083	Ophthalmic Laboratory Technicians	\$28,520	51.1006	Ophthalmic Laboratory Technology/Technician.
53-5021	Captains, Mates, and Pilots of Water Vessels	\$64,560	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 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
19-3031	Clinical, Counseling, and School Psychologists	\$62,500	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.
29-1064	Obstetricians and Gynecologists	\$246,750	60.0419	Obstetrics and Gynecology Residency Program.
29-1067	Surgeons	\$233,250	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.
31-9094	Medical Transcriptionists	\$30,150	51.0708	Medical Transcription/Transcriptionist.
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$22,880		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
47-2021	Brickmasons and Blockmasons	\$35,470	46.0101	Mason/Masonry.
47-2051	Cement Masons and Concrete Finishers	\$31,390	46.0402	Concrete Finishing/Concrete Finisher.
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$30,010	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	\$21,700		NO MATCHING CIP CODE
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$50,720	47.0103	Communications Systems Installation and Repair Technology.
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$47,770	47.0104 47.0105	Computer Installation and Repair Technology/Technician. Industrial Electronics Technology/Technician.
49-9052	Telecommunications Line Installers and Repairers	\$43,710	47.0103	Communications Systems Installation and Repair Technology.
51-2031	Engine and Other Machine Assemblers	\$38,570	47.0615	Engine Machinist.
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$31,110	48.0501	Machine Tool Technology/Machinist.
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$29,990	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking.
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$36,400	48.0501	Machine Tool Technology/Machinist.
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$34,190	48.0508	Welding Technology/Welder.
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$34,100	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	\$37,910		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$32,320		NO MATCHING CIP CODE
51-9122	Painters, Transportation Equipment	\$34,030	47.0603	Autobody/Collision and Repair Technology/Technician.
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	\$28,720		NO MATCHING CIP CODE
53-5021	Captains, Mates, and Pilots of Water Vessels	\$64,560	49.0303 49.0309	Commercial Fishing. Marine Science/Merchant Marine Officer.
53-7011	Conveyor Operators and Tenders	\$31,170		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
11-3061	Purchasing Managers	\$111,290	52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
11-9041	Architectural and Engineering Managers	\$108,010	04.0201 04.0301 04.0401 04.0501 04.0601 04.0902 14.0101 14.0201 14.0301 14.0401 14.0501 14.0601 14.0701 14.0702 14.0799 14.0801 14.0802 14.0803 14.0804 14.0805 14.0899 14.0901 14.0902 14.0903 14.0999 14.1001 14.1003	Architecture. City/Urban, Community and Regional Planning. Environmental Design/Architecture. Interior Architecture. Landscape Architecture. Architectural and Building Sciences/Technology. Engineering, General. Aerospace, Aeronautical and Astronautical/Space Engineering. Agricultural Engineering. Architectural Engineering. Bioengineering and Biomedical Engineering. Ceramic Sciences and Engineering. Chemical Engineering. Chemical and Biomolecular Engineering. Chemical Engineering, Other. Civil Engineering, General. Geotechnical and Geoenvironmental Engineering. Structural Engineering. Transportation and Highway Engineering. Water Resources Engineering. Civil Engineering, Other. Computer Engineering, General. Computer Hardware Engineering. Computer Software Engineering. Computer Engineering, Other. Electrical and Electronics Engineering Laser and Optical Engineering.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			14.1004	Telecommunications Engineering.
			14.1099	Electrical, Electronics and Communications Engineering, Other.
			14.1101	Engineering Mechanics.
			14.1201	Engineering Physics/Applied Physics.
			14.1301	Engineering Science.
			14.1401	Environmental/Environmental Health Engineering.
			14.1801	Materials Engineering.
			14.1901	Mechanical Engineering.
			14.2001	Metallurgical Engineering.
			14.2101	Mining and Mineral Engineering.
			14.2201	Naval Architecture and Marine Engineering.
			14.2301	Nuclear Engineering.
			14.2401	Ocean Engineering.
			14.2501	Petroleum Engineering.
			14.2701	Systems Engineering.
			14.2801	Textile Sciences and Engineering.
			14.3201	Polymer/Plastics Engineering.
			14.3301	Construction Engineering.
			14.3401	Forest Engineering.
			14.3501	Industrial Engineering.
			14.3601	Manufacturing Engineering.
			14.3801	Surveying Engineering.
			14.3901	Geological/Geophysical Engineering.
			14.4001	Paper Science and Engineering.
			14.4101	Electromechanical Engineering.
			14.4201	Mechatronics, Robotics, and Automation Engineering.
			14.4301	Biochemical Engineering.
			14.4401	Engineering Chemistry.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Northwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			14.4501 14.9999 15.1501 15.1502 15.1503 40.1001	Biological/Biosystems Engineering. Engineering, Other. Engineering/Industrial Management. Engineering Design. Packaging Science. Materials Science.
17-1011	Architects, Except Landscape and Naval	\$68,100	04.0201 04.0401 04.0801	Architecture. Environmental Design/Architecture. Architectural History and Criticism, General.
39-2021	Nonfarm Animal Caretakers	\$19,650	01.0504	Dog/Pet/Animal Grooming.
51-4111	Tool and Die Makers	\$39,600	48.0507	Tool and Die Technology/Technician.
51-6093	Upholsterers	\$32,320	48.0303	Upholstery/Upholsterer.
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$37,040		NO MATCHING CIP CODE
53-7011	Conveyor Operators and Tenders	\$32,170		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Southeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
35-2015	Cooks, Short Order	\$18,040		NO MATCHING CIP CODE
45-2041	Graders and Sorters, Agricultural Products	\$22,450	01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals	\$22,760		NO MATCHING CIP CODE
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	\$36,850	46.0505	Blasting/Blaster.
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$29,990	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking.
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$34,100	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-8021	Stationary Engineers and Boiler Operators	\$39,000		NO MATCHING CIP CODE
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$25,020		NO MATCHING CIP CODE
51-9191	Adhesive Bonding Machine Operators and Tenders	\$30,460		NO MATCHING CIP CODE
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$37,040		NO MATCHING CIP CODE
53-4021	Railroad Brake, Signal, and Switch Operators	\$48,010	49.0208	Railroad and Railway Transportation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Southwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
21-1094	Community Health Workers	\$34,510	09.0905 51.0001 51.1504 51.2201 51.2207 51.2208 51.2209 51.2212	Health Communication. Health and Wellness, General. Community Health Services/Liaison/Counseling. Public Health, General. Public Health Education and Promotion. Community Health and Preventive Medicine. Maternal and Child Health. Behavioral Aspects of Health.
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$33,490		NO MATCHING CIP CODES

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
West Central Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
39-2011	Animal Trainers	\$34,580	01.0505 01.0507	Animal Training. Equestrian/Equine Studies.
39-2021	Nonfarm Animal Caretakers	\$19,650	01.0504	Dog/Pet/Animal Grooming.
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	\$45,040		NO MATCHING CIP CODE
51-7011	Cabinetmakers and Bench Carpenters	\$32,170	48.0703	Cabinetmaking and Millwork.
51-9191	Adhesive Bonding Machine Operators and Tenders	\$30,460		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2014-2015  
Western Arkansas Workforce Investment 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	\$68,100	04.0201 04.0401 04.0801	Architecture. Environmental Design/Architecture. Architectural History and Criticism, General.
17-3011	Architectural and Civil Drafters	\$43,670	04.0901 04.0902 04.0999 15.1301 15.1302 15.1303 15.1304	Architectural Technology/Technician. Architectural and Building Sciences/Technology. Architectural Sciences and Technology, Other. Drafting and Design Technology/Technician, General. CAD/CADD Drafting and/or Design Technology/Technician. Architectural Drafting and Architectural CAD/CADD. Civil Drafting and Civil Engineering CAD/CADD.
17-3031	Surveying and Mapping Technicians	\$38,880	15.1102	Surveying Technology/Surveying.
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	\$22,200		NO MATCHING CIP CODE
39-2021	Nonfarm Animal Caretakers	\$19,650	01.0504	Dog/Pet/Animal Grooming.
43-6012	Legal Secretaries	\$33,390	22.0301	Legal Administrative Assistant/Secretary.
47-5013	Service Unit Operators, Oil, Gas, and Mining	\$44,220	15.0901	Mining Technology/Technician.
47-5051	Rock Splitters, Quarry	\$35,170		NO MATCHING CIP CODE

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2013 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  
13-2031 Budget Analysts  
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  
15-2041 Statisticians

#### 17

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

#### 19

19-1012 Food Scientists and Technologists  
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  
21-1093 Social and Human Service Assistants  
21-2011 Clergy

#### 23

23-1011 Lawyers  
23-2011 Paralegals and Legal Assistants

#### 25

25-1011 Business Teachers, Postsecondary  
25-1071 Health Specialties Teachers, Postsecondary  
25-1072 Nursing Instructors and Teachers, Postsecondary  
25-1081 Education Teachers, Postsecondary  
25-1121 Art, Drama, and Music Teachers, Postsecondary  
25-1123 English Language and Literature Teachers, Postsecondary  
25-1191 Graduate Teaching Assistants  
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, Exc Special & Career/Technical Ed  
25-2031 Secondary School Teachers, Exc Special & Career/Technical Ed  
25-2032 Career/Technical Education Teachers, Secondary School  
25-2052 Special Education Teachers, Kindergarten and Elementary School  
25-2054 Special Education Teachers, Secondary School  
25-3098 Substitute Teachers  
25-4021 Librarians  
25-4031 Library Technicians

25-9031 Instructional Coordinators  
25-9041 Teacher Assistants

#### 27

27-1024 Graphic Designers  
27-1026 Merchandise Displayers and Window Trimmers  
27-2022 Coaches and Scouts  
27-2042 Musicians and Singers  
27-3031 Public Relations Specialists

#### 29

29-1021 Dentists, General  
29-1041 Optometrists  
29-1051 Pharmacists  
29-1062 Family and General Practitioners  
29-1122 Occupational Therapists  
29-1123 Physical 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  
29-2034 Radiologic Technologists  
29-2041 Emergency Medical Technicians and Paramedics  
29-2052 Pharmacy Technicians  
29-2055 Surgical Technologists  
29-2061 Licensed Practical and Licensed Vocational Nurses  
29-2071 Medical Records and Health Information Technicians  
29-2081 Opticians, Dispensing  
29-9011 Occupational Health and Safety Specialists

## APPENDIX A

### Arkansas List Sorted by SOC Code

#### 31

31-1011 Home Health Aides  
31-1014 Nursing Assistants  
31-2021 Physical Therapist Assistants  
31-9091 Dental Assistants  
31-9092 Medical Assistants  
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  
33-9092 Lifeguards, Ski Patrol, & Other Recreational Protective Svc Workers

#### 35

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  
35-2021 Food Preparation Workers  
35-3011 Bartenders  
35-3021 Combined Food Preparation and Serving Workers, Incl 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  
37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation  
37-3013 Tree Trimmers and Pruners

#### 39

39-1021 First-Line Supervisors of Personal Service Workers  
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  
41-3031 Securities, Commodities, and Financial Services Sales Agents  
41-4011 Sales Reps, Wholesale & Mfg, Technical & Scientific Products  
41-4012 Sales Reps, Wholesale & Mfg, Exc Technical & Scientific Products  
41-9041 Telemarketers

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### Arkansas List Sorted by SOC Code

#### 43

43-1011 First-Line Supervisors of Office and Administrative Support Workers  
43-3011 Bill and Account Collectors  
43-3021 Billing and Posting Clerks  
43-3031 Bookkeeping, Accounting, and Auditing Clerks  
43-3051 Payroll and Timekeeping Clerks  
43-3071 Tellers  
43-4031 Court, Municipal, and License Clerks  
43-4051 Customer Service Representatives  
43-4061 Eligibility Interviewers, Government Programs  
43-4071 File Clerks  
43-4081 Hotel, Motel, and Resort Desk Clerks  
43-4111 Interviewers, Except Eligibility and Loan  
43-4121 Library Assistants, Clerical  
43-4131 Loan Interviewers and Clerks  
43-4141 New Accounts Clerks  
43-4151 Order Clerks  
43-4161 Human Resources Assistants, Except Payroll and Timekeeping  
43-4171 Receptionists and Information Clerks  
43-5031 Police, Fire, and Ambulance Dispatchers  
43-5032 Dispatchers, Except Police, Fire, and Ambulance  
43-5041 Meter Readers, Utilities  
43-5052 Postal Service Mail Carriers  
43-5061 Production, Planning, and Expediting Clerks  
43-5071 Shipping, Receiving, and Traffic Clerks  
43-5081 Stock Clerks and Order Fillers  
43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping  
43-6011 Executive Secretaries and Executive Administrative Assistants  
43-6013 Medical Secretaries  
43-6014 Secretaries & Admin Assistants, Exc Legal, Medical, and Executive  
43-9041 Insurance Claims and Policy Processing Clerks  
43-9061 Office Clerks, General

#### 45

45-2091 Agricultural Equipment Operators  
45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse

#### 47

47-1011 First-Line Supervisors of Construction Trades & Extraction Workers  
47-2031 Carpenters  
47-2061 Construction Laborers  
47-2073 Operating Engineers & Other Construction Equipment Operators  
47-2111 Electricians  
47-2141 Painters, Construction and Maintenance  
47-2152 Plumbers, Pipefitters, and Steamfitters  
47-2181 Roofers  
47-2211 Sheet Metal Workers  
47-3013 Helpers--Electricians  
47-4051 Highway Maintenance Workers

#### 49

49-1011 First-Line Supervisors of Mechanics, Installers, and Repairers  
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  
49-3093 Tire Repairers and Changers  
49-9021 Heating, Air Conditioning, & Refrigeration Mechanics & Installers  
49-9041 Industrial Machinery Mechanics  
49-9043 Maintenance Workers, Machinery  
49-9051 Electrical Power-Line Installers and Repairers  
49-9071 Maintenance and Repair Workers, General  
49-9098 Helpers--Installation, Maintenance, and Repair Workers

## APPENDIX A

### Arkansas List Sorted by SOC Code

#### 51

51-1011 First-Line Supervisors of Production and Operating Workers  
51-2041 Structural Metal Fabricators and Fitters  
51-2092 Team Assemblers  
51-3011 Bakers  
51-3022 Meat, Poultry, and Fish Cutters and Trimmers  
51-3092 Food Batchmakers  
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic  
51-4033 Grinding, Lapping, Polishing, & Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic  
51-4041 Machinists  
51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic  
51-4121 Welders, Cutters, Solderers, and Brazers  
51-6011 Laundry and Dry-Cleaning Workers  
51-7041 Sawing Machine Setters, Operators, and Tenders, Wood  
51-8031 Water and Wastewater Treatment Plant and System Operators  
51-9011 Chemical Equipment 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, & Compacting Machine Setters, Operators, and Tenders  
51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers

51-9111 Packaging and Filling Machine Operators and Tenders  
51-9197 Tire Builders  
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  
53-3033 Light Truck or Delivery Services Drivers  
53-3041 Taxi Drivers and Chauffeurs  
53-6031 Automotive and Watercraft Service Attendants  
53-7021 Crane and Tower Operators  
53-7051 Industrial Truck and Tractor Operators  
53-7061 Cleaners of Vehicles and Equipment  
53-7062 Laborers and Freight, Stock, and Material Movers, Hand  
53-7063 Machine Feeders and Offbearers  
53-7064 Packers and Packagers, Hand  
53-7081 Refuse and Recyclable Material Collectors

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 01

01.0000 Agriculture, General.  
01.0101 Agricultural Business and Management, General.  
01.0102 Agribusiness/Agricultural Business Operations.  
01.0104 Farm/Farm and Ranch Management.  
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.  
01.0601 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.  
01.0701 International Agriculture.  
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.  
01.1001 Food Science.  
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.

#### 03-04

03.0208 Natural Resources Law Enforcement and Protective Services.  
04.1001 Real Estate Development.

#### 09

09.0100 Communication, General.  
09.0101 Speech Communication and Rhetoric.  
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.

#### 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

11.0203 Computer Programming, Vendor/Product Certification.  
11.0299 Computer Programming, Other.  
11.0401 Information Science/Studies.  
11.0501 Computer Systems Analysis/Analyst.  
11.0701 Computer Science.  
11.0801 Web Page, Digital/Multimedia & 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 & Info 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.  
12.0507 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

13.0101 Education, General.  
13.0201 Bilingual and Multilingual Education.  
13.0301 Curriculum and Instruction.  
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.  
13.0501 Educational/Instructional Technology.  
13.0607 Learning Sciences.  
13.1001 Special Education and Teaching, General.  
13.1003 Ed/Teach of Individuals w/ Hearing Impairments Incl 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.  
13.1009 Ed/Teach of Individuals w/ Vision Impairments Incl Blindness.  
13.1011 Ed/Teach of Individuals with Specific Learning Disabilities.  
13.1012 Ed/Teach of Individuals with Speech or Language Impairments.  
13.1013 Education/Teaching of Individuals with Autism.  
13.1014 Edu/Teach of Individuals Who are Developmentally Delayed.  
13.1016 Education/Teaching of Individuals with Traumatic Brain Injuries.  
13.1017 Ed/Teach of Individuals in Elementary Special Ed Programs.  
13.1019 Ed/Teach of Individuals in Secondary Special Ed Programs.  
13.1101 Counselor Education/School Counseling & Guidance Services.  
13.1102 College Student Counseling and Personnel Services.  
13.1199 Student Counseling and Personnel Services, Other.

## APPENDIX B

### Arkansas List Sorted by CIP Code

13.1202	Elementary Education and Teaching.	13.1329	Physics Teacher Education.
13.1203	Jr High/Intermediate/Middle School Education and Teaching.	13.1330	Spanish Language Teacher Education.
13.1205	Secondary Education and Teaching.	13.1331	Speech Teacher Education.
13.1206	Teacher Education, Multiple Levels.	13.1332	Geography Teacher Education.
13.1209	Kindergarten/Preschool Education and Teaching.	13.1333	Latin Teacher Education.
13.1210	Early Childhood Education and Teaching.	13.1334	School Librarian/School Library Media Specialist.
13.1301	Agricultural Teacher Education.	13.1335	Psychology Teacher Education.
13.1302	Art Teacher Education.	13.1337	Earth Science Teacher Education.
13.1303	Business Teacher Education.	13.1338	Environmental Education.
13.1304	Driver and Safety Teacher Education.	13.1401	Teach English as a Second or Foreign Language/ESL Language Instructor.
13.1305	English/Language Arts Teacher Education.	13.1501	Teacher Assistant/Aide.
13.1306	Foreign Language Teacher Education.		
13.1307	Health Teacher Education.	<b>14</b>	
13.1308	Family & Consumer Sciences/Home Economics Teacher Ed.	14.0801	Civil Engineering, General.
13.1309	Technology Teacher Education/Industrial Arts Teacher Ed.	14.0802	Geotechnical and Geoenvironmental Engineering.
13.1310	Sales & Marketing Operations/Mrktg & Distribution Teacher Ed	14.0803	Structural Engineering.
13.1311	Mathematics Teacher Education.	14.0804	Transportation and Highway Engineering.
13.1312	Music Teacher Education.	14.0805	Water Resources Engineering.
13.1314	Physical Education Teaching and Coaching.	14.0899	Civil Engineering, Other.
13.1315	Reading Teacher Education.	14.0901	Computer Engineering, General.
13.1316	Science Teacher Education/General Science Teacher Ed.	14.0903	Computer Software Engineering.
13.1317	Social Science Teacher Education.	14.0999	Computer Engineering, Other.
13.1318	Social Studies Teacher Education.	14.1801	Materials Engineering.
13.1319	Technical Teacher Education.	14.1901	Mechanical Engineering.
13.1320	Trade and Industrial Teacher Education.	14.3301	Construction Engineering.
13.1321	Computer Teacher Education.	14.3501	Industrial Engineering.
13.1322	Biology Teacher Education.	14.3601	Manufacturing Engineering.
13.1323	Chemistry Teacher Education.	14.4101	Electromechanical Engineering.
13.1324	Drama and Dance Teacher Education.		
13.1325	French Language Teacher Education.	<b>15</b>	
13.1326	German Language Teacher Education.	15.0501	HVACR Engineering Technology/Technician.
13.1327	Health Occupations Teacher Education.	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
13.1328	History Teacher Education.	15.0614	Welding Engineering Technology/Technician.

## APPENDIX B

### Arkansas List Sorted by CIP Code

15.0701 Occupational Safety and Health Technology/Technician.  
15.0702 Quality Control Technology/Technician.  
15.0703 Industrial Safety 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.  
16.0104 Comparative Literature.  
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 & 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.

#### 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.  
23.1402 American Literature (United States).  
23.1403 American Literature (Canadian).  
23.1404 English Literature (British and Commonwealth).  
23.1405 Children's and Adolescent Literature.  
23.1499 Literature, Other.  
23.9999 English Language and Literature/Letters, 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 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.
- 27.0301 Applied Mathematics, General.
- 27.0304 Computational and Applied Mathematics.
- 27.0305 Financial Mathematics.
- 27.0501 Statistics, General.
- 27.0502 Mathematical Statistics and Probability.
- 27.0503 Mathematics and Statistics.
- 27.0599 Statistics, Other.

#### 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

- 39.0601 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.

#### 40

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

#### 41

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

#### 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

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.  
44.0502 Education Policy Analysis.  
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.  
45.0102 Research Methodology and Quantitative Methods.  
45.0602 Applied Economics.  
46.0000 Construction Trades, General.

#### 46

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.  
46.0412 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.  
46.0599 Plumbing and Related Water Supply Services, Other.

#### 47

47.0201 HVACR 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 & Aircraft Maintenance Technology/Technician  
47.0608 Aircraft Powerplant Technology/Technician.  
47.0612 Vehicle Emissions Inspection & 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

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.  
48.0703 Cabinetmaking and Millwork.

#### 49

49.0101 Aeronautics/Aviation/Aerospace Science & Technology,  
General.  
49.0104 Aviation/Airway Management and Operations.  
49.0202 Construction/Heavy Equipment/Earthmoving Equipment Oper.  
49.0205 Truck & 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.  
50.0201 Crafts/Craft Design, Folk Art and Artisanry.  
50.0301 Dance, General.  
50.0302 Ballet.  
50.0399 Dance, Other.  
50.0401 Design and Visual Communications, General.  
50.0402 Commercial and Advertising Art.  
50.0404 Industrial and Product Design.  
50.0406 Commercial Photography.  
50.0407 Fashion/Apparel Design.  
50.0409 Graphic Design.  
50.0501 Drama and Dramatics/Theatre Arts, General.  
50.0502 Technical Theatre/Theatre Design and Technology.  
50.0504 Playwriting and Screenwriting.  
50.0505 Theatre Literature, History and Criticism.

50.0507 Directing and Theatrical Production.  
50.0509 Musical Theatre.  
50.0510 Costume Design.  
50.0599 Dramatic/Theatre Arts and Stagecraft, Other.  
50.0601 Film/Cinema/Video Studies.  
50.0602 Cinematography and Film/Video Production.  
50.0605 Photography.  
50.0607 Documentary Production.  
50.0699 Film/Video and Photographic Arts, Other.  
50.0701 Art/Art Studies, General.  
50.0702 Fine/Studio Arts, General.  
50.0703 Art History, Criticism and Conservation.  
50.0706 Intermedia/Multimedia.  
50.0708 Painting.  
50.0709 Sculpture.  
50.0710 Printmaking.  
50.0711 Ceramic Arts and Ceramics.  
50.0712 Fiber, Textile and Weaving Arts.  
50.0713 Metal and Jewelry Arts.  
50.0799 Fine Arts and Art Studies, Other.  
50.0901 Music, General.  
50.0902 Music History, Literature, and Theory.  
50.0903 Music Performance, General.  
50.0904 Music Theory and Composition.  
50.0905 Musicology and Ethnomusicology.  
50.0906 Conducting.  
50.0907 Keyboard Instruments.  
50.0908 Voice and Opera.  
50.0910 Jazz/Jazz Studies.  
50.0911 Stringed Instruments.  
50.0912 Music Pedagogy.  
50.0913 Music Technology.  
50.0914 Brass Instruments.  
50.0915 Woodwind Instruments.

## APPENDIX B

### Arkansas List Sorted by CIP Code

50.0916	Percussion Instruments.	51.0713	Medical Insurance Coding Specialist/Coder.
50.0999	Music, Other.	51.0714	Medical Insurance Specialist/Medical Biller.
50.1001	Arts, Entertainment, and Media Management, General.	51.0715	Health/Medical Claims Examiner.
50.1002	Fine and Studio Arts Management.	51.0716	Medical Administrative/Executive Assistant & Medical Secretary.
50.1003	Music Management.	51.0718	Long Term Care Administration/Management.
50.1004	Theatre/Theatre Arts Management.	51.0719	Clinical Research Coordinator.
50.1099	Arts, Entertainment, and Media Management, Other.	51.0801	Medical/Clinical Assistant.
50.9999	Visual and Performing Arts, Other.	51.0802	Clinical/Medical Laboratory Assistant.
<b>51</b>		51.0803	Occupational Therapist Assistant.
51.0101	Chiropractic.	51.0805	Pharmacy Technician/Assistant.
51.0201	Communication Sciences and Disorders, General.	51.0806	Physical Therapy Technician/Assistant.
51.0202	Audiology/Audiologist.	51.0808	Veterinary/Animal Health Technology/Technician & Veterinary Assistant.
51.0203	Speech-Language Pathology/Pathologist. Audiology/Audiologist & Speech-Language	51.0809	Anesthesiologist Assistant.
51.0204	Pathology/Pathologist.	51.0811	Pathology/Pathologist Assistant.
51.0299	Communication Disorders Sciences and Services, Other.	51.0813	Chiropractic Assistant/Technician.
51.0401	Dentistry.	51.0901	Cardiovascular Technology/Technologist.
51.0501	Dental Clinical Sciences, General.	51.0902	Electrocardiograph Technology/Technician.
51.0502	Advanced General Dentistry.	51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.
51.0509	Pediatric Dentistry/Pedodontics.	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
51.0601	Dental Assisting/Assistant.	51.0905	Nuclear Medical Technology/Technologist.
51.0602	Dental Hygiene/Hygienist.	51.0906	Perfusion Technology/Perfusionist.
51.0603	Dental Laboratory Technology/Technician.	51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
51.0701	Health/Health Care Administration/Management.	51.0908	Respiratory Care Therapy/Therapist.
51.0702	Hospital and Health Care Facilities Administration/Management.	51.0909	Surgical Technology/Technologist.
51.0704	Health Unit Manager/Ward Supervisor.	51.0910	Diagnostic Medical Sonography/Sonographer & Ultrasound Technician.
51.0705	Medical Office Management/Administration.	51.0911	Radiologic Technology/Science - Radiographer.
51.0706	Health Info/Medical Records Administration/Administrator.	51.0912	Physician Assistant.
51.0707	Health Information/Medical Records Technology/Technician.	51.0919	Mammography Technician/Technology.
51.0709	Medical Office Computer Specialist/Assistant.	51.1001	Blood Bank Technology Specialist.
51.0710	Medical Office Assistant/Specialist.	51.1002	Cytotechnology/Cytotechnologist.
51.0711	Medical/Health Management and Clinical Assistant/Specialist.	51.1003	Hematology Technology/Technician.
51.0712	Medical Reception/Receptionist.	51.1004	Clinical/Medical Laboratory Technician.

## APPENDIX B

### Arkansas List Sorted by CIP Code

51.1005	Clinical Laboratory Science/Medical Technology/Technologist.	51.2211	Health Services Administration.
51.1007	Histologic Technology/Histotechnologist.	51.2212	Behavioral Aspects of Health.
51.1008	Histologic Technician.	51.2301	Art Therapy/Therapist.
51.1009	Phlebotomy Technician/Phlebotomist.	51.2302	Dance Therapy/Therapist.
51.1010	Cytogenetic/Genetic/Clinical Genetic Technology/Technologist	51.2305	Music Therapy/Therapist.
51.1012	Sterile Processing Technology/Technician.	51.2306	Occupational Therapy/Therapist.
51.1099	Clinical/Medical Laboratory Science & Allied Professions, Other.	51.2307	Orthotist/Prosthetist.
51.1201	Medicine.	51.2308	Physical Therapy/Therapist.
51.1501	Substance Abuse/Addiction Counseling.	51.2309	Therapeutic Recreation/Recreational Therapy.
51.1503	Clinical/Medical Social Work.	51.2310	Vocational Rehabilitation Counseling/Counselor.
51.1506	Clinical Pastoral Counseling/Patient Counseling.	51.2311	Kinesiotherapy/Kinesiotherapist.
51.1508	Mental Health Counseling/Counselor.	51.2313	Animal-Assisted Therapy.
51.1701	Optometry.	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 Admin & Pharmacy Policy & Regulatory Affairs.	51.2602	Home Health Aide/Home Attendant.
51.2003	Pharmaceutics and Drug Design.	51.2706	Medical Informatics.
51.2004	Medicinal and Pharmaceutical Chemistry.	51.3501	Massage Therapy/Therapeutic Massage.
51.2005	Natural Products Chemistry and Pharmacognosy.	51.3502	Asian Bodywork Therapy.
51.2006	Clinical and Industrial Drug Development.	51.3602	Yoga Teacher Training/Yoga Therapy.
51.2007	Pharmacoeconomics/Pharmaceutical Economics.	51.3603	Hypnotherapy/Hypnotherapist.
51.2008	Clinical, Hospital, and Managed Care Pharmacy.	51.3801	Registered Nursing/Registered Nurse.
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.	51.3802	Nursing Administration.
51.2010	Pharmaceutical Sciences.	51.3803	Adult Health Nurse/Nursing.
51.2011	Pharmaceutical Marketing and Management.	51.3804	Nurse Anesthetist.
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.	51.3807	Nurse Midwife/Nursing Midwifery.
51.2205	Health/Medical Physics.	51.3808	Nursing Science.
51.2206	Occupational Health and Industrial Hygiene.	51.3809	Pediatric Nurse/Nursing.
51.2207	Public Health Education and Promotion.	51.3810	Psychiatric/Mental Health Nurse/Nursing.
51.2208	Community Health and Preventive Medicine.	51.3811	Public Health/Community Nurse/Nursing.
		51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.

## APPENDIX B

### Arkansas List Sorted by CIP Code

51.3813 Clinical Nurse Specialist.  
51.3814 Critical Care Nursing.  
51.3815 Occupational and Environmental Health Nursing.  
51.3816 Emergency Room/Trauma Nursing.  
51.3817 Nursing Education.  
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 Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.  
  
51.3901 Licensed Practical/Vocational Nurse Training.  
51.3902 Nursing Assistant/Aide and Patient Care Assistant/Aide.  
51.3999 Practical Nursing, Vocational Nursing & Nursing Assist, Other.

## 52

52.0101 Business/Commerce, General.  
52.0201 Business Administration and Management, General.  
52.0202 Purchasing, Procurement/Acquisitions & Contracts Mngmnt.  
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.  
52.0408 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 HR 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.

## **APPENDIX B**

### **Arkansas List Sorted by CIP Code**

- 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.
- 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 & Vehicle Parts & Accessories Marketing Operations.
- 52.1908 Business & 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**

- 54.0101 History, General.

#### **60**

- 60.0102 Dental Public Health Residency Program.
- 60.0106 Pediatric Dentistry Residency Program.
- 60.0413 Family Medicine Residency Program.

## APPENDIX C

### Arkansas List Sorted by Occupation Title

#### A

13-2011 Accountants and Auditors  
11-3011 Administrative Services Managers  
41-3011 Advertising Sales Agents  
19-4011 Agricultural and Food Science Technicians  
45-2091 Agricultural Equipment Operators  
49-3011 Aircraft Mechanics and Service Technicians  
39-3091 Amusement and Recreation Attendants  
25-1121 Art, Drama, and Music Teachers, Postsecondary  
53-6031 Automotive and Watercraft Service Attendants  
49-3021 Automotive Body and Related Repairers  
49-3023 Automotive Service Technicians and Mechanics

#### B

51-3011 Bakers  
35-3011 Bartenders  
43-3011 Bill and Account Collectors  
43-3021 Billing and Posting Clerks  
43-3031 Bookkeeping, Accounting, and Auditing Clerks  
13-2031 Budget Analysts  
49-3031 Bus and Truck Mechanics and Diesel Engine Specialists  
53-3022 Bus Drivers, School or Special Client  
25-1011 Business Teachers, Postsecondary

#### C

25-2032 Career/Technical Education Teachers, Secondary School  
47-2031 Carpenters  
41-2011 Cashiers  
51-9011 Chemical Equipment Operators and Tenders  
11-1011 Chief Executives  
21-1021 Child, Family, and School Social Workers  
39-9011 Childcare Workers  
17-2051 Civil Engineers

13-1031 Claims Adjusters, Examiners, and Investigators  
53-7061 Cleaners of Vehicles and Equipment  
21-2011 Clergy  
27-2022 Coaches and Scouts  
35-3021 Combined Food Prep & Serving Workers, Including Fast Food  
13-1041 Compliance Officers  
11-3021 Computer and Information Systems Managers  
15-1143 Computer Network Architects  
15-1152 Computer Network Support Specialists  
15-1131 Computer Programmers  
15-1121 Computer Systems Analysts  
15-1151 Computer User Support Specialists  
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic  
47-2061 Construction Laborers  
11-9021 Construction Managers  
35-2011 Cooks, Fast Food  
35-2012 Cooks, Institution and Cafeteria  
35-2014 Cooks, Restaurant  
33-3012 Correctional Officers and Jailers  
13-1051 Cost Estimators  
41-2021 Counter and Rental Clerks  
35-3022 Counter Attendants, Cafeteria, Food Concession, & Coffee Shop  
43-4031 Court, Municipal, and License Clerks  
53-7021 Crane and Tower Operators  
43-4051 Customer Service Representatives  
51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders

#### D

15-1141 Database Administrators  
31-9091 Dental Assistants  
29-2021 Dental Hygienists  
29-1021 Dentists, General  
35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers

## APPENDIX C

### Arkansas List Sorted by Occupation Title

35-9021 Dishwashers  
43-5032 Dispatchers, Except Police, Fire, and Ambulance  
53-3031 Driver/Sales Workers

**E**

11-9032 Education Administrators, Elementary and Secondary School  
11-9033 Education Administrators, Postsecondary  
11-9031 Education Admins, Preschool & Childcare Center/Program  
25-1081 Education Teachers, Postsecondary  
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  
25-1123 English Language and Literature Teachers, Postsecondary  
43-6011 Executive Secretaries and Executive Administrative Assistants  
51-9041 Extruding, Forming, Pressing, & Compacting Machine Setters, Operators, & Tenders

**F**

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  
43-4071 File Clerks  
13-2051 Financial Analysts  
11-3031 Financial Managers  
33-2011 Firefighters  
47-1011 First-Line Supers of Construction Trades & 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 Supers of Helpers, Laborers, & Material Movers, Hand  
37-1011 First-Line Supervisors of Housekeeping and Janitorial Workers

37-1012 First-Line Supers of Landscaping, Lawn Service, & 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 Supers 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  
35-2021 Food Preparation Workers  
19-1012 Food Scientists and Technologists  
35-3041 Food Servers, Nonrestaurant  
11-9051 Food Service Managers

### **G**

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

### **H**

39-5012 Hairdressers, Hairstylists, and Cosmetologists  
25-1071 Health Specialties Teachers, Postsecondary  
21-1022 Healthcare Social Workers  
49-9021 Heating, Air Conditioning, & Refrigeration Mechanics & 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

## APPENDIX C

### Arkansas List Sorted by Occupation Title

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  
25-9031 Instructional Coordinators  
43-9041 Insurance Claims and Policy Processing Clerks  
41-3021 Insurance Sales Agents  
43-4111 Interviewers, Except Eligibility and Loan

#### J-K

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

33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers  
53-3033 Light Truck or Delivery Services Drivers  
43-4131 Loan Interviewers and Clerks  
13-2072 Loan Officers  
11-9081 Lodging Managers  
13-1081 Logisticians

#### M

53-7063 Machine Feeders and Offbearers  
51-4041 Machinists  
37-2012 Maids and Housekeeping Cleaners  
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  
21-1023 Mental Health and Substance Abuse Social Workers  
21-1014 Mental Health Counselors  
27-1026 Merchandise Displayers and Window Trimmers  
43-5041 Meter Readers, Utilities  
25-2022 Middle School Teachers, Except Special & Career/Technical Ed  
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders  
49-3042 Mobile Heavy Equipment Mechanics, Except Engines  
51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic  
27-2042 Musicians and Singers

## APPENDIX C

### Arkansas List Sorted by Occupation Title

#### N

15-1142 Network and Computer Systems Administrators  
43-4141 New Accounts Clerks  
29-1171 Nurse Practitioners  
31-1014 Nursing Assistants  
25-1072 Nursing Instructors and Teachers, Postsecondary

#### O

29-9011 Occupational Health and Safety Specialists  
29-1122 Occupational Therapists  
43-9061 Office Clerks, General  
47-2073 Operating Engineers & Other Construction Equipment Operators  
29-2081 Opticians, Dispensing  
29-1041 Optometrists  
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  
23-2011 Paralegals and Legal Assistants  
41-2022 Parts Salespersons  
43-3051 Payroll and Timekeeping Clerks  
39-9021 Personal Care Aides  
13-2052 Personal Financial Advisors  
37-2021 Pest Control Workers  
37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation  
29-1051 Pharmacists  
29-2052 Pharmacy Technicians  
31-9097 Phlebotomists  
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  
43-5061 Production, Planning, and Expediting Clerks  
11-9141 Property, Real Estate, and Community Association Managers  
27-3031 Public Relations Specialists  
13-1023 Purchasing Agents, Except Wholesale, Retail, & Farm Products

#### R

29-2034 Radiologic Technologists  
43-4171 Receptionists and Information Clerks  
39-9032 Recreation Workers  
53-7081 Refuse and Recyclable Material Collectors  
29-1141 Registered Nurses  
39-9041 Residential Advisors  
41-2031 Retail Salespersons  
47-2181 Roofers

#### S

11-2022 Sales Managers  
41-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products  
41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products  
51-7041 Sawing Machine Setters, Operators, and Tenders, Wood  
25-2031 Secondary School Teachers, Exc Special & Career/Technical Ed  
43-6014 Secretaries and Administrative Assistants, Except Legal, Medical, and Executive  
41-3031 Securities, Commodities, and Financial Services Sales Agents  
33-9032 Security Guards  
47-2211 Sheet Metal Workers  
43-5071 Shipping, Receiving, and Traffic Clerks  
11-9151 Social and Community Service Managers  
21-1093 Social and Human Service Assistants

## APPENDIX C

### Arkansas List Sorted by Occupation Title

15-1132 Software Developers, Applications  
15-1133 Software Developers, Systems Software  
25-2052 Special Education Teachers, Kindergarten & Elementary School  
25-2054 Special Education Teachers, Secondary School  
29-1127 Speech-Language Pathologists  
15-2041 Statisticians  
43-5081 Stock Clerks and Order Fillers  
51-2041 Structural Metal Fabricators and Fitters  
25-3098 Substitute Teachers  
29-2055 Surgical Technologists

#### T

13-2081 Tax Examiners and Collectors, and Revenue Agents  
13-2082 Tax Preparers  
53-3041 Taxi Drivers and Chauffeurs  
25-9041 Teacher Assistants  
51-2092 Team Assemblers

41-9041 Telemarketers  
43-3071 Tellers  
51-9197 Tire Builders  
49-3093 Tire Repairers and Changers  
13-1151 Training and Development Specialists  
11-3071 Transportation, Storage, and Distribution Managers  
37-3013 Tree Trimmers and Pruners

#### U

39-3031 Ushers, Lobby Attendants, and Ticket Takers

#### W

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  
13-1022 Wholesale and Retail Buyers, Except Farm Products

## APPENDIX D

### Arkansas List Sorted by CIP Title

#### A

52.0305	Accounting and Business/Management.	47.0614	Alternative Fuel Vehicle Technology/Technician.
30.1601	Accounting and Computer Science.	23.1403	American Literature (Canadian).
52.0304	Accounting and Finance.	23.1402	American Literature (United States).
52.0302	Accounting Technology/Technician and Bookkeeping.	22.0203	American/U.S. Law/Legal Studies/Jurisprudence.
52.0301	Accounting.	51.0809	Anesthesiologist Assistant.
52.1304	Actuarial Science.	01.0903	Animal Health.
52.0401	Administrative Assistant and Secretarial Science, General.	01.0904	Animal Nutrition.
51.3803	Adult Health Nurse/Nursing.	01.0901	Animal Sciences, General.
51.0502	Advanced General Dentistry.	01.0999	Animal Sciences, Other.
22.0201	Advanced Legal Research/Studies, General.	01.0302	Animal/Livestock Husbandry and Production.
49.0101	Aeronautics/Aviation/Aerospace Science & Technology, General.	51.2313	Animal-Assisted Therapy.
01.0102	Agribusiness/Agricultural Business Operations.	52.1904	Apparel and Accessories Marketing Operations.
01.0902	Agricultural Animal Breeding.	19.0905	Apparel and Textile Marketing Management.
01.0101	Agricultural Business and Management, General.	45.0602	Applied Economics.
01.0199	Agricultural Business and Management, Other.	01.0601	Applied Horticulture/Horticulture Operations, General.
01.0106	Agricultural Business Technology.	27.0301	Applied Mathematics, General.
01.0802	Agricultural Communication/Journalism.	01.0303	Aquaculture.
01.0205	Agricultural Mechanics and Equipment/Machine Technology.	50.0703	Art History, Criticism and Conservation.
01.0201	Agricultural Mechanization, General.	13.1302	Art Teacher Education.
01.0299	Agricultural Mechanization, Other.	51.2301	Art Therapy/Therapist.
01.0204	Agricultural Power Machinery Operation.	50.0701	Art/Art Studies, General.
01.0301	Agricultural Production Operations, General.	11.0102	Artificial Intelligence.
01.0399	Agricultural Production Operations, Other.	50.1099	Arts, Entertainment, and Media Management, Other.
13.1301	Agricultural Teacher Education.	50.1001	Arts, Entertainment, and Media Management, General.
01.0000	Agriculture, General.	51.3502	Asian Bodywork Therapy.
01.0308	Agroecology and Sustainable Agriculture.	51.0204	Audiology/Audiologist & Speech-Language Pathology/Pathologist.
01.1102	Agronomy and Crop Science.	51.0202	Audiology/Audiologist.
47.0608	Aircraft Powerplant Technology/Technician.	52.0303	Auditing.
47.0607	Airframe Mechanics & Aircraft Maintenance Technology/Technician.	47.0603	Autobody/Collision and Repair Technology/Technician.
		47.0604	Automobile/Automotive Mechanics Technology/Technician.

## APPENDIX D

### Arkansas List Sorted by CIP Title

15.0803 Automotive Engineering Technology/Technician.  
49.0104 Aviation/Airway Management and Operations.

#### B

12.0501 Baking and Pastry Arts/Baker/Pastry Chef.  
50.0302 Ballet.  
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.  
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.  
50.0914 Brass Instruments.  
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 & Personal/Financial Services Mktg Operations.  
52.1302 Business Statistics.  
13.1303 Business Teacher Education.  
52.0101 Business/Commerce, General.  
52.0501 Business/Corporate Communications.

#### C

48.0703 Cabinetmaking and Millwork.  
22.0204 Canadian Law/Legal Studies/Jurisprudence.

51.0901 Cardiovascular Technology/Technologist.  
46.0201 Carpentry/Carpenter.  
46.0413 Carpet, Floor, and Tile Worker.  
50.0711 Ceramic Arts and Ceramics.  
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.  
50.0602 Cinematography and Film/Video Production.  
14.0801 Civil Engineering, General.  
14.0899 Civil Engineering, Other.  
51.2006 Clinical and Industrial Drug Development.  
51.1005 Clinical Lab Science/Medical Technology/Technologist.  
51.3820 Clinical Nurse Leader.  
51.3813 Clinical Nurse Specialist.  
51.1506 Clinical Pastoral Counseling/Patient Counseling.  
51.0719 Clinical Research Coordinator.  
51.2008 Clinical, Hospital, and Managed Care Pharmacy.  
51.0802 Clinical/Medical Laboratory Assistant.  
51.1099 Clinical/Medical Lab Science & Allied Professions, Other.  
51.1004 Clinical/Medical Laboratory Technician.  
51.1503 Clinical/Medical Social Work.  
13.1102 College Student Counseling and Personnel Services.  
50.0402 Commercial and Advertising Art.  
50.0406 Commercial Photography.  
51.0299 Communication Disorders Sciences and Services, Other.

## APPENDIX D

### Arkansas List Sorted by CIP Title

51.0201	Communication Sciences and Disorders, General.	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
09.0100	Communication, General.	19.0203	Consumer Merchandising/Retailing Management.
13.0407	Community College Education.	12.0500	Cooking and Related Culinary Arts, General.
51.2208	Community Health and Preventive Medicine.	43.0199	Corrections and Criminal Justice, Other.
44.0201	Community Organization and Advocacy.	43.0102	Corrections.
22.0206	Comparative Law.	12.0499	Cosmetology and Related Personal Grooming Arts, Other.
16.0104	Comparative Literature.	12.0413	Cosmetology, Barber/Styling, and Nail Instructor.
27.0304	Computational and Applied Mathematics.	12.0401	Cosmetology/Cosmetologist, General.
11.0101	Computer and Information Sciences, General.	50.0510	Costume Design.
11.1003	Computer & Info Systems Security/Information Assurance.	13.1101	Counselor Ed/School Counseling & Guidance Services.
14.0901	Computer Engineering, General.	50.0201	Crafts/Craft Design, Folk Art and Artisanry.
14.0999	Computer Engineering, Other.	23.1302	Creative Writing.
11.0803	Computer Graphics.	52.0809	Credit Management.
48.0510	Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.	43.0103	Criminal Justice/Law Enforcement Administration.
11.0299	Computer Programming, Other.	43.0107	Criminal Justice/Police Science.
11.0202	Computer Programming, Specific Applications.	43.0104	Criminal Justice/Safety Studies.
11.0203	Computer Programming, Vendor/Product Certification.	43.0111	Criminalistics and Criminal Science.
11.0201	Computer Programming/Programmer, General.	43.0302	Crisis/Emergency/Disaster Management.
11.0701	Computer Science.	51.3814	Critical Care Nursing.
14.0903	Computer Software Engineering.	43.0119	Critical Incident Response/Special Police Operations.
15.1204	Computer Software Technology/Technician.	43.0303	Critical Infrastructure Protection.
11.1006	Computer Support Specialist.	01.0304	Crop Production.
11.0501	Computer Systems Analysis/Analyst.	12.0503	Culinary Arts/Chef Training.
11.0901	Computer Systems Networking and Telecommunications.	12.0509	Culinary Science/Culinology.
13.1321	Computer Teacher Education.	43.0123	Cultural/Archaeological Resources Protection.
46.0402	Concrete Finishing/Concrete Finisher.	13.0301	Curriculum and Instruction.
50.0906	Conducting.	52.0207	Customer Service Management.
15.1001	Construction Engineering Technology/Technician.	52.0411	Customer Service Support/Call Center/Teleservice Oper.
14.3301	Construction Engineering.	43.0116	Cyber/Computer Forensics and Counterterrorism.
52.2001	Construction Management.	51.1010	Cytogenetic/Genetic/Clinical Genetic Technology/Technologist
46.0000	Construction Trades, General.	51.1002	Cytotechnology/Cytotechnologist.

## APPENDIX D

### Arkansas List Sorted by CIP Title

#### D

01.0306	Dairy Husbandry and Production.	44.0502	Education Policy Analysis.
01.0905	Dairy Science.	13.0101	Education, General.
51.2302	Dance Therapy/Therapist.	13.1017	Ed/Teaching of Individuals in Elementary Special Ed Programs.
50.0301	Dance, General.	13.1019	Ed/Teaching of Individuals in Secondary Special Ed Programs.
50.0399	Dance, Other.	13.1014	Ed/Teaching of Individuals Who are Developmentally Delayed.
11.0802	Data Modeling/Warehousing and Database Administration.	13.1013	Education/Teaching of Individuals with Autism.
51.0601	Dental Assisting/Assistant.	13.1005	Education/Teaching of Individuals with Emotional Disturbances.
51.0501	Dental Clinical Sciences, General.	13.1003	Ed/Teaching of Individuals w/ Hearing Impairments Incl Deafness.
51.0602	Dental Hygiene/Hygienist.	13.1006	Education/Teaching of Individuals with Mental Retardation.
51.0603	Dental Laboratory Technology/Technician.	13.1007	Education/Teaching of Individuals with Multiple Disabilities.
60.0102	Dental Public Health Residency Program.	13.1008	Ed/Teaching of Individuals with Orthopedic & Other Physical Health Impairments.
51.0401	Dentistry.	13.1011	Ed/Teaching of Individuals with Specific Learning Disabilities.
50.0401	Design and Visual Communications, General.	13.1012	Ed/Teaching of Individuals w/ Speech or Language Impairments.
19.0710	Developmental Services Worker.	13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.	13.1009	Ed/Teaching of Individuals w/ Vision Impairments Incl Blindness.
47.0605	Diesel Mechanics Technology/Technician.	13.0401	Educational Leadership and Administration, General.
50.0102	Digital Arts.	13.0404	Educational, Instructional, and Curriculum Supervision.
50.0507	Directing and Theatrical Production.	13.0501	Educational/Instructional Technology.
39.0602	Divinity/Ministry.	46.0301	Electrical & Power Transmission Installation/Installer, General.
50.0607	Documentary Production.	46.0399	Electrical and Power Transmission Installers, Other.
13.1324	Drama and Dance Teacher Education.	46.0302	Electrician.
50.0501	Drama and Dramatics/Theatre Arts, General.	51.0902	Electrocardiograph Technology/Technician.
50.0599	Dramatic/Theatre Arts and Stagecraft, Other.	12.0404	Electrolysis/Electrology and Electrolysis Technician.
13.1304	Driver and Safety Teacher Education.	14.4101	Electromechanical Engineering.
46.0404	Drywall Installation/Drywaller.	51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.

#### E

13.1210	Early Childhood Education and Teaching.	13.0408	Elementary and Middle School Administration/Principalship.
13.1337	Earth Science Teacher Education.	13.1202	Elementary Education and Teaching.
52.0208	E-Commerce/Electronic Commerce.	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
		51.3816	Emergency Room/Trauma Nursing.

## APPENDIX D

### Arkansas List Sorted by CIP Title

22.0207 Energy, Environment, and Natural Resources Law.  
15.1501 Engineering/Industrial Management.  
23.0101 English Language and Literature, General.  
23.9999 English Language and Literature/Letters, Other.  
23.1404 English Literature (British and Commonwealth).  
13.1305 English/Language Arts Teacher Education.  
52.0701 Entrepreneurship/Entrepreneurial Studies.  
13.1338 Environmental Education.  
51.2202 Environmental Health.  
26.1309 Epidemiology.  
52.0402 Executive Assistant/Executive Secretary.

#### F

13.1308 Family & Consumer Sciences/Home Economics Teacher Ed.  
19.0202 Family & Consumer Sciences/Human Sciences Commun.  
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.  
50.0407 Fashion/Apparel Design.  
50.0712 Fiber, Textile and Weaving Arts.  
50.0601 Film/Cinema/Video Studies.  
50.0699 Film/Video and Photographic Arts, Other.  
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.  
50.1002 Fine and Studio Arts Management.  
50.0799 Fine Arts and Art Studies, Other.  
50.0702 Fine/Studio Arts, General.

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.  
01.1001 Food Science.  
12.0507 Food Service, Waiter/Waitress, & Dining Room Mngmnt/Mngr.  
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.

#### G

23.1401 General Literature.  
52.1899 General Merchandising, Sales, & Related Marketing Operations, Other.  
52.0408 General Office Occupations and Clerical Services.  
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.  
46.0406 Glazier.  
31.0302 Golf Course Operation and Grounds Management.  
50.0409 Graphic Design.  
01.0604 Greenhouse Operations and Management.



## APPENDIX D

### Arkansas List Sorted by CIP Title

52.1403 International Marketing.  
52.0807 Investments and Securities.

#### J

50.0910 Jazz/Jazz Studies.  
13.1203 Jr High/Intermediate/Middle School Education and Teaching.  
43.0110 Juvenile Corrections.

#### K

50.0907 Keyboard Instruments.  
13.1209 Kindergarten/Preschool Education and Teaching.  
51.2311 Kinesiotherapy/Kinesiotherapist.  
52.1207 Knowledge Management.

#### L

52.1002 Labor and Industrial Relations.  
01.0605 Landscaping and Groundskeeping.  
16.1203 Latin Language and Literature.  
13.1333 Latin Teacher Education.  
43.0114 Law Enforcement Investigation and Interviewing.  
43.0115 Law Enforcement Record-Keeping and Evidence Management.  
22.0101 Law.  
13.0607 Learning Sciences.  
22.0302 Legal Assistant/Paralegal.  
22.0299 Legal Research and Advanced Professional Studies, Other.  
25.0301 Library and Archives Assisting.  
25.0101 Library and Information Science.  
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.  
51.3501 Massage Therapy/Therapeutic Massage.  
14.1801 Materials Engineering.  
51.3806 Maternal/Child Health and Neonatal Nurse/Nursing.  
27.0502 Mathematical Statistics and Probability.  
27.0503 Mathematics and Statistics.  
13.1311 Mathematics Teacher Education.  
27.0101 Mathematics, General.  
14.1901 Mechanical Engineering.  
51.0716 Medical Administrative/Executive Assistant & 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.

## APPENDIX D

### Arkansas List Sorted by CIP Title

51.0712	Medical Reception/Receptionist.	51.3807	Nurse Midwife/Nursing Midwifery.
51.0801	Medical/Clinical Assistant.	51.3802	Nursing Administration.
51.0711	Medical/Health Management and Clinical Assistant/Specialist.	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide.
51.2004	Medicinal and Pharmaceutical Chemistry.	51.3817	Nursing Education.
51.1201	Medicine.	51.3818	Nursing Practice.
47.0613	Medium/Heavy Vehicle and Truck Technology/Technician.	51.3808	Nursing Science.
51.1508	Mental Health Counseling/Counselor.		
52.1802	Merchandising and Buying Operations.		
50.0713	Metal and Jewelry Arts.		
48.0511	Metal Fabricator.		
49.0206	Mobil Crane Operation/Operator.		
11.0804	Modeling, Virtual Environments and Simulation.		
50.0902	Music History, Literature, and Theory.		
50.1003	Music Management.		
50.0912	Music Pedagogy.		
50.0903	Music Performance, General.		
13.1312	Music Teacher Education.		
50.0913	Music Technology.		
50.0904	Music Theory and Composition.		
51.2305	Music Therapy/Therapist.		
50.0901	Music, General.		
50.0999	Music, Other.		
50.0509	Musical Theatre.		
50.0905	Musicology and Ethnomusicology.		
	<b>N</b>		<b>O</b>
51.2005	Natural Products Chemistry and Pharmacognosy.	51.3815	Occupational and Environmental Health Nursing.
03.0208	Natural Resources Law Enforcement and Protective Services.	51.2206	Occupational Health and Industrial Hygiene.
11.1001	Network and System Administration/Administrator.	15.0701	Occupational Safety and Health Technology/Technician.
52.0206	Non-Profit/Public/Organizational Management.	51.0803	Occupational Therapist Assistant.
51.0905	Nuclear Medical Technology/Technologist.	51.2306	Occupational Therapy/Therapist.
51.3804	Nurse Anesthetist.	52.0204	Office Management and Supervision.
		52.0205	Operations Management and Supervision.
		51.1801	Opticianry/Ophthalmic Dispensing Optician.
		51.1701	Optometry.
		52.1003	Organizational Behavior Studies.
		52.0213	Organizational Leadership.
		01.0603	Ornamental Horticulture.
		51.2307	Orthotist/Prosthetist.
		51.1901	Osteopathic Medicine/Osteopathy.
			<b>P</b>
		15.1503	Packaging Science.
		50.0708	Painting.
		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.
		51.0811	Pathology/Pathologist Assistant.





