



# Projected Employment Opportunities List

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2012-2013

# Projected Employment Opportunities List 2012-2013

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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	\$148,140	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	\$90,660	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	\$34,720	44.0401 44.0501	Public Administration. Public Policy Analysis, General.
11-2021	Marketing Managers	\$110,420	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	\$100,670	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 2011 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	\$73,070	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	\$102,670	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	\$86,990	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	\$79,670	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	Logistics, Materials, and Supply Chain Management.
			52.0205	Operations Management and Supervision.
11-9013	Farmers, Ranchers, and Other Agricultural Managers	\$55,920	01.0101	Agricultural Business and Management, General.
			01.0102	Agribusiness/Agricultural Business Operations.
			01.0104	Farm/Farm and Ranch Management.
			01.0199	Agricultural Business and Management, 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.
			01.0606	Plant Nursery Operations and Management.
			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.
			01.1101	Plant Sciences, General.
			01.1102	Agronomy and Crop Science.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.1103 01.1105 01.1106	Horticultural Science. Plant Protection and Integrated Pest Management. Range Science and Management.
11-9021	Construction Managers	\$67,120	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 Child Care Center/Program	\$41,100	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	\$77,060	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	\$84,490	13.0401 13.0404 13.0406 13.0407	Educational Leadership and Administration, General. Educational, Instructional, and Curriculum Supervision. Higher Education/Higher Education Administration. Community College Education.
11-9051	Food Service Managers	\$45,690	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.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
11-9111	Medical and Health Services Managers	\$76,720	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.
11-9141	Property, Real Estate, and Community Association Managers	\$42,450	04.1001 52.1501	Real Estate Development. Real Estate.
11-9151	Social and Community Service Managers	\$50,470	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	\$62,370	12.0510 19.0905 52.1801 52.1802 52.1899	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.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			52.1902 52.1904	Fashion Merchandising. Apparel and Accessories Marketing Operations.
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	\$50,540	52.1801 52.1899	Sales, Distribution, and Marketing Operations, General. General Merchandising, Sales, & Related Marketing Operations, Other.
13-1031	Claims Adjusters, Examiners, and Investigators	\$56,820	51.0715 52.1701	Health/Medical Claims Examiner. Insurance.
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	\$51,130		No Matching CIP Code
13-1081	Logisticians	\$62,050	52.0205	Operations Management and Supervision.
13-1111	Management Analysts	\$62,250	52.0101 52.0201 52.0213	Business/Commerce, General. Business Administration and Management, General. Organizational Leadership.
13-1151	Training and Development Specialists	\$47,710	52.1001 52.1005	Human Resources Management/Personnel Administration, General. Human Resources Development.
13-1161	Market Research Analysts and Marketing Specialists	\$62,020	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	\$59,100	30.1601 43.0117 52.0301 52.0303 52.0304 52.0305 52.1601	Accounting and Computer Science. Financial Forensics and Fraud Investigation. Accounting. Auditing. Accounting and Finance. Accounting and Business/Management. Taxation.
13-2021	Appraisers and Assessors of Real Estate	\$35,670	04.1001 52.1501	Real Estate Development. Real Estate.

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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	\$70,150	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	\$102,680	52.0801 52.0804	Finance, General. Financial Planning and Services.
13-2072	Loan Officers	\$65,400	52.0801 52.0809	Finance, General. Credit Management.
13-2082	Tax Preparers	\$27,900	52.0302 52.1601	Accounting Technology/Technician and Bookkeeping. Taxation.
15-1121	Computer Systems Analysts	\$65,030	11.0101 11.0103 11.0501 11.0901	Computer and Information Sciences, General. Information Technology. Computer Systems Analysis/Analyst. Computer Systems Networking and Telecommunications.
15-1131	Computer Programmers	\$66,600	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	\$73,550	11.0102 11.0103	Artificial Intelligence. Information Technology.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0104 11.0201 11.0202 11.0701 11.0804 14.0901 14.0903 15.1204 26.1103 51.2706	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	\$74,040	11.0102 11.0103 11.0104 11.0201 11.0202 11.0401 11.0701 14.0901 14.0903 15.1204	Artificial Intelligence. Information Technology. Informatics. Computer Programming/Programmer, General. Computer Programming, Specific Applications. Information Science/Studies. Computer Science. Computer Engineering, General. Computer Software Engineering. Computer Software Technology/Technician.
15-1141	Database Administrators	\$65,900	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 architects and administrators	\$61,980	11.0101 11.1001 11.1003	Computer and Information Sciences, General. Network and System Administration/Administrator. Computer and Information Systems Security/Information Assurance.
15-1150	Computer Support Specialists	\$41,710	01.0106 11.0201 11.0501	Agricultural Business Technology. Computer Programming/Programmer, General. Computer Systems Analysis/Analyst.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			11.0701 11.0901 11.1001 11.1002 11.1003 11.1006 51.0709	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. Computer Support Specialist. Medical Office Computer Specialist/Assistant.
15-1179	Information Security Analysts, Web Developers, and Computer Network Architects	\$73,040	11.0103 11.0201 11.0501 11.0701 11.0801 11.0901 11.1001 11.1002 11.1003 11.1005 14.0901 14.0999 43.0116	Information Technology. Computer Programming/Programmer, General. Computer Systems Analysis/Analyst. Computer Science. Web Page, Digital/Multimedia and Information Resources Design. 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. Computer Engineering, General. Computer Engineering, Other. Cyber/Computer Forensics and Counterterrorism.
15-2041	Statisticians	N/A	26.1102 27.0101 27.0301 27.0304 27.0501 27.0502 27.0503 27.0599	Biostatistics. Mathematics, General. Applied Mathematics, General. Computational and Applied Mathematics. Statistics, General. Mathematical Statistics and Probability. Mathematics and Statistics. Statistics, Other.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			45.0102 52.1302	Research Methodology and Quantitative Methods. Business Statistics.
17-1011	Architects, Except Landscape and Naval	\$65,950	04.0201 04.0401 04.0801	Architecture. Environmental Design/Architecture. Architectural History and Criticism, General.
17-2051	Civil Engineers	\$72,050	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	\$69,030	14.3501 14.3601 15.1503	Industrial Engineering. Manufacturing Engineering. Packaging Science.
17-2141	Mechanical Engineers	\$68,060	14.1901 14.4101	Mechanical Engineering. Electromechanical Engineering.
19-3031	Clinical, Counseling, and School Psychologists	\$68,920	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.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
21-1011	Substance Abuse and Behavioral Disorder Counselors	\$39,550	51.1501 51.1503 51.1506	Substance Abuse/Addiction Counseling. Clinical/Medical Social Work. Clinical Pastoral Counseling/Patient Counseling.
21-1012	Educational, Vocational, and School Counselors	\$53,390	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	\$51,150	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	\$36,480	43.0110 44.0701 44.0702 44.0799	Juvenile Corrections. Social Work. Youth Services/Administration. Social Work, Other.
21-1022	Medical and Public Health Social Workers	\$47,110	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1023	Mental Health and Substance Abuse Social Workers	\$43,980	44.0701 44.0799 51.1503	Social Work. Social Work, Other. Clinical/Medical Social Work.
21-1092	Probation Officers and Correctional Treatment Specialists	\$34,520	44.0701	Social Work.
21-1093	Social and Human Service Assistants	\$25,250	19.0710 44.0000	Developmental Services Worker. Human Services, General.
21-2011	Clergy	\$38,050	39.0601 39.0602 39.0604 39.0605 39.0699	Theology/Theological Studies. Divinity/Ministry. Pre-Theology/Pre-Ministerial Studies. Rabbinical Studies. Theological and Ministerial Studies, Other.

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SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			39.0701 39.0702 39.0703 51.1506	Pastoral Studies/Counseling. Youth Ministry. Urban Ministry. Clinical Pastoral Counseling/Patient Counseling.
21-2021	Directors, Religious Activities and Education	\$48,840	39.0201 39.0301 39.0401 39.0702 39.0704 39.0705	Bible/Biblical Studies. Missions/Missionary Studies and Missiology. Religious Education. Youth Ministry. Women's Ministry. Lay Ministry.
23-1011	Lawyers	\$92,380	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.
25-1011	Business Teachers, Postsecondary	\$69,880	13.1303 13.1310 52.0101 52.0201 52.0202	Business Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Ed. Business/Commerce, General. Business Administration and Management, General. Purchasing, Procurement/Acquisitions and Contracts Management.

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

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
25-1022	Mathematical Science Teachers, Postsecondary	\$53,930	13.1311 27.0101 27.0102 27.0103 27.0104 27.0105 27.0199 27.0301 27.0304 27.0305 27.0306 27.0399 27.0501 27.0502 27.0503 27.0599 27.9999 38.0102 52.1302	Mathematics Teacher Education. Mathematics, General. Algebra and Number Theory. Analysis and Functional Analysis. Geometry/Geometric Analysis. Topology and Foundations. Mathematics, Other. Applied Mathematics, General. Computational and Applied Mathematics. Financial Mathematics. Mathematical Biology. Applied Mathematics, Other. Statistics, General. Mathematical Statistics and Probability. Mathematics and Statistics. Statistics, Other. Mathematics and Statistics, Other. Logic. Business Statistics.
25-1072	Nursing Instructors and Teachers, Postsecondary	\$55,550	51.3801 51.3803 51.3804 51.3805 51.3806 51.3807 51.3808 51.3809 51.3810 51.3811	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.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			51.3812 51.3813 51.3816 51.3817 51.3819 51.3821 51.3822 51.3899	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. Registered Nursing, Nursing Admin, Nursing Research & Clinical Nursing, Other.
25-1121	Art, Drama, and Music Teachers, Postsecondary	\$50,360	13.1302 13.1312 13.1324 50.0101 50.0102 50.0201 50.0301 50.0302 50.0399 50.0401 50.0404 50.0406 50.0407 50.0409 50.0501 50.0502 50.0504 50.0505 50.0507 50.0509	Art Teacher Education. Music Teacher Education. Drama and Dance Teacher Education. Visual and Performing Arts, General. Digital Arts. Crafts/Craft Design, Folk Art and Artisanry. Dance, General. Ballet. Dance, Other. Design and Visual Communications, General. Industrial and Product Design. Commercial Photography. Fashion/Apparel Design. Graphic Design. Drama and Dramatics/Theatre Arts, General. Technical Theatre/Theatre Design and Technology. Playwriting and Screenwriting. Theatre Literature, History and Criticism. Directing and Theatrical Production. Musical Theatre.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			50.0510	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.
			50.0902	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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			50.0914 50.0915 50.0916 50.0999 50.1001 50.1002 50.1003 50.1004 50.1099 50.9999	Brass Instruments. Woodwind Instruments. Percussion Instruments. Music, Other. 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	\$50,340	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	\$20,110		No Matching CIP Code
25-1194	Vocational Education Teachers, Postsecondary	\$37,230	13.1301 13.1303 13.1309	Agricultural Teacher Education. Business Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			13.1310 13.1319 13.1320 13.1327 49.0205	Sales & Marketing Operations/Marketing & Distribution Teacher Educ. Technical Teacher Education. Trade and Industrial Teacher Education. Health Occupations Teacher Education. Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
25-2011	Preschool Teachers, Except Special Education	\$28,220	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	\$44,080	13.0201 13.1209 13.1210 13.1401	Bilingual and Multilingual Education. Kindergarten/Preschool Education and Teaching. Early Childhood Education and Teaching. Teaching ESL or Foreign Language/ESL Language Instructor.
25-2021	Elementary School Teachers, Except Special Education	\$44,580	13.0201 13.1202 13.1206 13.1338 13.1401	Bilingual and Multilingual Education. Elementary Education and Teaching. Teacher Education, Multiple Levels. Environmental Education. Teaching ESL or Foreign Language/ESL Language Instructor.
25-2022	Middle School Teachers, Except Special and Vocational Education	\$46,450	13.0201 13.1203 13.1302 13.1305 13.1306 13.1307 13.1308 13.1309 13.1311 13.1312 13.1314 13.1315	Bilingual and Multilingual Education. Junior High/Intermediate/Middle School Education and Teaching. Art Teacher Education. English/Language Arts Teacher Education. Foreign Language Teacher Education. Health Teacher Education. Family and Consumer Sciences/Home Economics Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Mathematics Teacher Education. Music Teacher Education. Physical Education Teaching and Coaching. Reading Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			13.1316	Science Teacher Education/General Science Teacher Education.
			13.1317	Social Science Teacher Education.
			13.1318	Social Studies Teacher Education.
			13.1321	Computer Teacher Education.
			13.1322	Biology Teacher Education.
			13.1323	Chemistry Teacher Education.
			13.1324	Drama and Dance Teacher Education.
			13.1325	French Language Teacher Education.
			13.1326	German Language Teacher Education.
			13.1327	Health Occupations Teacher Education.
			13.1328	History Teacher Education.
			13.1330	Spanish Language Teacher Education.
			13.1331	Speech Teacher Education.
			13.1332	Geography Teacher Education.
			13.1333	Latin Teacher Education.
			13.1337	Earth Science Teacher Education.
			13.1338	Environmental Education.
			13.1401	Teaching ESL or Foreign Language/ESL Language Instructor.
25-2031	Secondary School Teachers, Except Special and Vocational Education	\$46,710	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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			13.1311	Mathematics Teacher Education.
			13.1312	Music Teacher Education.
			13.1314	Physical Education Teaching and Coaching.
			13.1315	Reading Teacher Education.
			13.1316	Science Teacher Education/General Science Teacher Education.
			13.1317	Social Science Teacher Education.
			13.1318	Social Studies Teacher Education.
			13.1321	Computer Teacher Education.
			13.1322	Biology Teacher Education.
			13.1323	Chemistry Teacher Education.
			13.1324	Drama and Dance Teacher Education.
			13.1325	French Language Teacher Education.
			13.1326	German Language Teacher Education.
			13.1328	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 ESL or Foreign Language/ESL Language Instructor.
			16.0101	Foreign Languages and Literatures, General.
			16.0500	Germanic Languages, Literatures, and Linguistics, General.
			16.0900	Romance Languages, Literatures, and Linguistics, General.
			16.0901	French Language and Literature.
			16.0905	Spanish Language and Literature.
			16.1203	Latin Language and Literature.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			19.0101 23.0101 26.0101 27.0101 40.0101 40.0501 40.0801 45.0101 50.0701 50.0901 54.0101	Family and Consumer Sciences/Human Sciences, General. English Language and Literature, General. Biology/Biological Sciences, General. Mathematics, General. Physical Sciences. Chemistry, General. Physics, General. Social Sciences, General. Art/Art Studies, General. Music, General. History, General.
25-2032	Vocational Education Teachers, Secondary School	\$49,350	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 Ed Technical Teacher Education. Trade and Industrial Teacher Education. Health Occupations Teacher Education.
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	\$46,220	13.1001 13.1003 13.1005 13.1006 13.1007 13.1008 13.1009 13.1011 13.1012 13.1013	Special Education and Teaching, General. Ed/Teaching of Individuals w/ Hearing Impairments Incl Deafness. Education/Teaching of Individuals with Emotional Disturbances. Education/Teaching of Individuals with Mental Retardation. Education/Teaching of Individuals with Multiple Disabilities. Ed/Teaching of Individ w/ Orthopedic & Other Physical Health Impairment 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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			13.1014 13.1015 13.1016	Education/Teaching of Individuals Who are Developmentally Delayed. Ed/Teaching of Individ in Early Childhood Special Education Programs. Education/Teaching of Individuals with Traumatic Brain Injuries.
25-2053	Special Education Teachers, Middle School	\$47,850	13.1001 13.1003 13.1005 13.1006 13.1007 13.1008 13.1009 13.1011 13.1012 13.1013 13.1014 13.1016 13.1018	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/Teaching of Individ w/ Orthopedic & Other Physical Health Impairment Ed/Teaching of Individuals with 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 Individ in Junior High/Middle School Special Ed Programs.
25-2054	Special Education Teachers, Secondary School	\$47,900	13.1001 13.1003 13.1005 13.1006 13.1007 13.1008 13.1009 13.1011 13.1012 13.1013 13.1014 13.1016 13.1019	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/Teaching of Individ w/ Orthopedic & Other Physical Health Impairment Ed/Teaching of Individuals with 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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	\$47,370	13.0201 13.0202 13.0299 13.1201 13.1401 13.1502	Bilingual and Multilingual Education. Multicultural Education. Bilingual, Multilingual, and Multicultural Education, Other. Adult and Continuing Education and Teaching. Teaching ESL or Foreign Language/ESL Language Instructor. Adult Literacy Tutor/Instructor.
25-3021	Self-Enrichment Education Teachers	\$36,040	13.1201	Adult and Continuing Education and Teaching.
25-4021	Librarians	\$53,200	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	\$24,140	25.0301	Library and Archives Assisting.
25-9031	Instructional Coordinators	\$57,840	13.0301 13.0501	Curriculum and Instruction. Educational/Instructional Technology.
25-9041	Teacher Assistants	\$19,660	13.1501	Teacher Assistant/Aide.
27-1024	Graphic Designers	\$36,060	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.
27-1026	Merchandise Displayers and Window Trimmers	\$25,500		No Matching CIP Code
27-2022	Coaches and Scouts	\$48,870	13.1314 31.0501 31.0504	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General. Sport and Fitness Administration/Management.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
27-3011	Radio and Television Announcers	\$32,040	09.0100 09.0101 09.0402 09.0701 09.0906	Communication, General. Speech Communication and Rhetoric. Broadcast Journalism. Radio and Television. Sports Communication.
27-3031	Public Relations Specialists	\$46,270	09.0100 09.0101 09.0900 09.0902 09.0904 09.0905 09.0906 09.0907 19.0202	Communication, General. Speech Communication and Rhetoric. Public Relations, Advertising, and Applied Communication. Public Relations/Image Management. Political Communication. Health Communication. Sports Communication. International and Intercultural Communication. Family and Consumer Sciences/Human Sciences Communication.
27-3041	Editors	\$45,820	09.0100 09.0102 09.0401 09.0402 09.0908 09.1001 09.9999 23.1301 23.1302 23.1303 23.1304 23.1399 23.1401 23.1405	Communication, General. Mass Communication/Media Studies. Journalism. Broadcast Journalism. Technical and Scientific Communication. Publishing. Communication, Journalism, and Related Programs, Other. Writing, General. Creative Writing. Professional, Technical, Business, and Scientific Writing. Rhetoric and Composition. Rhetoric and Composition/Writing Studies, Other. General Literature. Children's and Adolescent Literature.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

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Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			23.1499	Literature, Other.
			52.0501	Business/Corporate Communications.
29-1021	Dentists, General	\$172,920	51.0401	Dentistry.
			51.0502	Advanced General Dentistry.
			51.0509	Pediatric Dentistry/Pedodontics.
			60.0102	Dental Public Health Residency Program.
			60.0106	Pediatric Dentistry Residency Program.
29-1031	Dietitians and Nutritionists	\$50,700	19.0501	Foods, Nutrition, and Wellness Studies, General.
			19.0504	Human Nutrition.
			19.0505	Foodservice Systems Administration/Management.
			19.0599	Foods, Nutrition, and Related Services, Other.
			30.1901	Nutrition Sciences.
			51.3101	Dietetics/Dietitian.
			51.3102	Clinical Nutrition/Nutritionist.
			51.3199	Dietetics and Clinical Nutrition Services, Other.
29-1041	Optometrists	\$94,070	51.1701	Optometry.
29-1051	Pharmacists	\$105,570	51.2001	Pharmacy.
			51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.
			51.2003	Pharmaceutics and Drug Design.
			51.2004	Medicinal and Pharmaceutical Chemistry.
			51.2005	Natural Products Chemistry and Pharmacognosy.
			51.2006	Clinical and Industrial Drug Development.
			51.2007	Pharmacoeconomics/Pharmaceutical Economics.
			51.2008	Clinical, Hospital, and Managed Care Pharmacy.
			51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.
			51.2010	Pharmaceutical Sciences.
29-1062	Family and General Practitioners	\$215,500	51.1201	Medicine.
			51.1901	Osteopathic Medicine/Osteopathy.
			60.0413	Family Medicine Residency Program.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
29-1111	Registered Nurses	\$56,990	51.3801 51.3802 51.3803 51.3804 51.3805 51.3806 51.3807 51.3808 51.3809 51.3810 51.3811 51.3812 51.3813 51.3814 51.3815 51.3816 51.3818 51.3819 51.3820 51.3821 51.3822 51.3899	Registered Nursing/Registered Nurse. Nursing Administration. 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. Critical Care Nursing. Occupational and Environmental Health Nursing. Emergency Room/Trauma Nursing. Nursing Practice. Palliative Care Nursing. Clinical Nurse Leader. Geriatric Nurse/Nursing. Women's Health Nurse/Nursing. Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.
29-1122	Occupational Therapists	\$76,540	51.2306	Occupational Therapy/Therapist.
29-1123	Physical Therapists	\$78,960	51.2308 51.2311	Physical Therapy/Therapist. Kinesiotherapy/Kinesiotherapist.
29-1126	Respiratory Therapists	\$46,930	51.0908	Respiratory Care Therapy/Therapist.
29-1127	Speech-Language Pathologists	\$69,150	51.0201 51.0203	Communication Sciences and Disorders, General. Speech-Language Pathology/Pathologist.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			51.0204 51.0299	Audiology/Audiologist and Speech-Language Pathology/Pathologist. Communication Disorders Sciences and Services, Other.
29-2011	Medical and Clinical Laboratory Technologists	\$49,850	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	\$33,620	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	\$60,380	51.0602	Dental Hygiene/Hygienist.
29-2037	Radiologic Technologists and Technicians	\$45,050	51.0907 51.0911 51.0919 51.0920	Medical Radiologic Technology/Science - Radiation Therapist. Radiologic Technology/Science - Radiographer. Mammography Technician/Technology. Magnetic Resonance Imaging (MRI) Technology/Technician.
29-2041	Emergency Medical Technicians and Paramedics	\$29,090	51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
29-2052	Pharmacy Technicians	\$25,810	51.0805	Pharmacy Technician/Assistant.
29-2053	Psychiatric Technicians	\$22,460	51.1502	Psychiatric/Mental Health Services Technician.
29-2055	Surgical Technologists	\$36,480	51.0811 51.0909 51.1012	Pathology/Pathologist Assistant. Surgical Technology/Technologist. Sterile Processing Technology/Technician.
29-2061	Licensed Practical and Licensed Vocational Nurses	\$34,920	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	\$32,200	51.0707 51.0713	Health Information/Medical Records Technology/Technician. Medical Insurance Coding Specialist/Coder.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
29-9011	Occupational Health and Safety Specialists	\$57,100	15.0701 15.0703 51.2202 51.2206	Occupational Safety and Health Technology/Technician. Industrial Safety Technology/Technician. Environmental Health. Occupational Health and Industrial Hygiene.
31-1011	Home Health Aides	\$18,270	51.2602	Home Health Aide/Home Attendant.
31-1012	Nursing Aides, Orderlies, and Attendants	\$20,890	51.2601 51.3902 51.3999	Health Aide. Nursing Assistant/Aide and Patient Care Assistant/Aide. Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
31-1013	Psychiatric Aides	\$20,660	51.1502 51.2601	Psychiatric/Mental Health Services Technician. Health Aide.
31-2021	Physical Therapist Assistants	\$49,270	51.0806	Physical Therapy Technician/Assistant.
31-9011	Massage Therapists	\$31,340	51.3501 51.3502 51.3503	Massage Therapy/Therapeutic Massage. Asian Bodywork Therapy. Somatic Bodywork.
31-9091	Dental Assistants	\$28,550	51.0601	Dental Assisting/Assistant.
31-9092	Medical Assistants	\$25,980	51.0710 51.0712 51.0713 51.0716 51.0801 51.0809 51.0813	Medical Office Assistant/Specialist. Medical Reception/Receptionist. Medical Insurance Coding Specialist/Coder. Medical Administrative/Executive Assistant and Medical Secretary. Medical/Clinical Assistant. Anesthesiologist Assistant. Chiropractic Assistant/Technician.
33-1012	First-Line Supervisors/Managers of Police and Detectives	\$54,280	03.0208 43.0102 43.0103 43.0104 43.0115 43.0119 43.0120	Natural Resources Law Enforcement and Protective Services. Corrections. Criminal Justice/Law Enforcement Administration. Criminal Justice/Safety Studies. Law Enforcement Record-Keeping and Evidence Management. Critical Incident Response/Special Police Operations. Protective Services Operations.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
			43.0122 43.0123 43.0301 43.0302 43.0303 43.0304	Maritime Law Enforcement. Cultural/Archaeological Resources Protection. Homeland Security. Crisis/Emergency/Disaster Management. Critical Infrastructure Protection. Terrorism and Counterterrorism Operations.
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	\$54,970	03.0208 43.0202 43.0299	Natural Resources Law Enforcement and Protective Services. Fire Services Administration. Fire Protection, Other.
33-2011	Fire Fighters	\$34,810	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	\$31,260	43.0102 43.0110 43.0199	Corrections. Juvenile Corrections. Corrections and Criminal Justice, Other.
33-3051	Police and Sheriff's Patrol Officers	\$36,660	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	\$22,960		No Matching CIP Code
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	\$17,540	03.0208	Natural Resources Law Enforcement and Protective Services.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 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
35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers	\$26,430	12.0500 12.0503 12.0504 12.0507 19.0505	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training. Restaurant, Culinary, and Catering Management/Manager. Food Service, Waiter/Waitress, & Dining Room Management/Manager. Foodservice Systems Administration/Management.
35-2011	Cooks, Fast Food	\$17,320		No Matching CIP Code
35-2012	Cooks, Institution and Cafeteria	\$20,150	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	\$18,940	12.0500 12.0503	Cooking and Related Culinary Arts, General. Culinary Arts/Chef Training.
35-2021	Food Preparation Workers	\$18,350		No Matching CIP Code
35-3011	Bartenders	\$18,370	12.0502	Bartending/Bartender.
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	\$17,210		No Matching CIP Code
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	\$18,210		No Matching CIP Code
35-3031	Waiters and Waitresses	\$17,870		No Matching CIP Code
35-3041	Food Servers, Nonrestaurant	\$17,350		No Matching CIP Code
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	\$18,090		No Matching CIP Code
35-9021	Dishwashers	\$17,580		No Matching CIP Code
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	\$17,640		No Matching CIP Code
37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	\$39,170	01.0601 01.0603 01.0604 01.0605	Applied Horticulture/Horticulture Operations, General. Ornamental Horticulture. Greenhouse Operations and Management. Landscaping and Groundskeeping.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.0606 01.0607 31.0302	Plant Nursery Operations and Management. Turf and Turfgrass Management. Golf Course Operation and Grounds Management.
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$20,310		No Matching CIP Code
37-2012	Maids and Housekeeping Cleaners	\$17,770		No Matching CIP Code
37-2021	Pest Control Workers	\$27,010		No Matching CIP Code
37-3011	Landscaping and Groundskeeping Workers	\$22,870		No Matching CIP Code
37-3013	Tree Trimmers and Pruners	\$30,530		No Matching CIP Code
39-1021	First-Line Supervisors/Managers of Personal Service Workers	\$30,280	12.0412	Salon/Beauty Salon Management/Manager.
39-2021	Nonfarm Animal Caretakers	\$19,210	01.0504	Dog/Pet/Animal Grooming.
39-3031	Ushers, Lobby Attendants, and Ticket Takers	\$17,700		No Matching CIP Code
39-3091	Amusement and Recreation Attendants	\$17,840		No Matching CIP Code
39-5012	Hairdressers, Hairstylists, and Cosmetologists	\$26,620	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.
39-7011	Tour Guides and Escorts	\$24,720		No Matching CIP Code
39-9011	Child Care Workers	\$17,890	19.0709	Child Care Provider/Assistant.
39-9021	Personal and Home Care Aides	\$17,980	51.2602	Home Health Aide/Home Attendant.
39-9031	Fitness Trainers and Aerobics Instructors	\$25,190	13.1314 31.0501	Physical Education Teaching and Coaching. Health and Physical Education/Fitness, General.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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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	\$22,160		No Matching CIP Code
39-9041	Residential Advisors	\$26,380		No Matching CIP Code
41-1011	First-Line Supervisors/Managers of Retail Sales Workers	\$33,730	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/Managers of Non-Retail Sales Workers	\$68,010	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	\$18,380		No Matching CIP Code
41-2021	Counter and Rental Clerks	\$22,340		No Matching CIP Code
41-2022	Parts Salespersons	\$27,460	52.1804 52.1907	Selling Skills and Sales Operations. Vehicle and Vehicle Parts and Accessories Marketing Operations.
41-2031	Retail Salespersons	\$22,470		No Matching CIP Code
41-3011	Advertising Sales Agents	\$42,730	52.1804	Selling Skills and Sales Operations.
41-3021	Insurance Sales Agents	\$49,640	52.1701	Insurance.
41-3031	Securities, Commodities, and Financial Services Sales Agents	\$100,810	52.0804 52.0807 52.1908	Financial Planning and Services. Investments and Securities. Business and Personal/Financial Services Marketing Operations.
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	\$73,630	52.1804	Selling Skills and Sales Operations.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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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	\$54,950	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.
41-9022	Real Estate Sales Agents	\$33,150	04.1001 52.1501	Real Estate Development. Real Estate.
41-9041	Telemarketers	\$25,350		No Matching CIP Code
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	\$41,780	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.
43-2011	Switchboard Operators, Including Answering Service	\$24,280		No Matching CIP Code
43-3011	Bill and Account Collectors	\$30,090	52.0803	Banking and Financial Support Services.
43-3021	Billing and Posting Clerks and Machine Operators	\$28,550		No Matching CIP Code
43-3031	Bookkeeping, Accounting, and Auditing Clerks	\$31,600	52.0302	Accounting Technology/Technician and Bookkeeping.
43-3051	Payroll and Timekeeping Clerks	\$33,690	52.0302	Accounting Technology/Technician and Bookkeeping.
43-3071	Tellers	\$22,490	52.0803	Banking and Financial Support Services.
43-4031	Court, Municipal, and License Clerks	\$27,150		No Matching CIP Code
43-4051	Customer Service Representatives	\$28,680	52.0406 52.0411	Receptionist. Customer Service Support/Call Center/Teleservice Operation.
43-4061	Eligibility Interviewers, Government Programs	\$32,770	44.0201	Community Organization and Advocacy.
43-4071	File Clerks	\$22,200		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-4081	Hotel, Motel, and Resort Desk Clerks	\$18,260		No Matching CIP Code
43-4111	Interviewers, Except Eligibility and Loan	\$25,390		No Matching CIP Code
43-4121	Library Assistants, Clerical	\$19,850		No Matching CIP Code
43-4131	Loan Interviewers and Clerks	\$30,250	52.0803	Banking and Financial Support Services.
43-4141	New Accounts Clerks	\$28,620	52.0803	Banking and Financial Support Services.
43-4151	Order Clerks	\$28,340		No Matching CIP Code
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	\$33,260		No Matching CIP Code
43-4171	Receptionists and Information Clerks	\$22,800	52.0406	Receptionist.
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	\$29,160		No Matching CIP Code
43-5011	Cargo and Freight Agents	\$40,660	52.0408 52.0410	General Office Occupations and Clerical Services. Traffic, Customs, and Transportation Clerk/Technician.
43-5031	Police, Fire, and Ambulance Dispatchers	\$24,960		No Matching CIP Code
43-5032	Dispatchers, Except Police, Fire, and Ambulance	\$34,460	52.0410	Traffic, Customs, and Transportation Clerk/Technician.
43-5041	Meter Readers, Utilities	\$27,450		No Matching CIP Code
43-5052	Postal Service Mail Carriers	\$49,050		No Matching CIP Code
43-5061	Production, Planning, and Expediting Clerks	\$39,800	52.0409	Parts, Warehousing, and Inventory Management Operations.
43-5071	Shipping, Receiving, and Traffic Clerks	\$27,830		No Matching CIP Code
43-5081	Stock Clerks and Order Fillers	\$21,640		No Matching CIP Code
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$24,760		No Matching CIP Code
43-6011	Executive Secretaries and Administrative Assistants	\$39,110	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.
43-6013	Medical Secretaries	\$27,020	51.0710 51.0714 51.0716	Medical Office Assistant/Specialist. Medical Insurance Specialist/Medical Biller. Medical Administrative/Executive Assistant and Medical Secretary.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
43-6014	Secretaries, Except Legal, Medical, and Executive	\$26,950	52.0401 52.0402	Administrative Assistant and Secretarial Science, General. Executive Assistant/Executive Secretary.
43-9021	Data Entry Keyers	\$27,550	10.0305 11.0601 52.0407	Graphic and Printing Equipment Operator, General Production. Data Entry/Microcomputer Applications, General. Business/Office Automation/Technology/Data Entry.
43-9041	Insurance Claims and Policy Processing Clerks	\$31,920	52.0408	General Office Occupations and Clerical Services.
43-9061	Office Clerks, General	\$23,170	52.0408	General Office Occupations and Clerical Services.
43-9071	Office Machine Operators, Except Computer	\$27,370		No Matching CIP Code
45-2041	Graders and Sorters, Agricultural Products	\$22,700	01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.
45-2091	Agricultural Equipment Operators	\$22,730	01.0204	Agricultural Power Machinery Operation.
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	\$21,480		No Matching CIP Code
45-4022	Logging Equipment Operators	\$32,970	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers	\$49,890	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	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.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			46.0415	Building Construction Technology.
			46.0502	Pipefitting/Pipefitter and Sprinkler Fitter.
			46.0503	Plumbing Technology/Plumber.
			46.0504	Well Drilling/Driller.
			46.0505	Blasting/Blaster.
47-2031	Carpenters	\$33,970	46.0201	Carpentry/Carpenter.
47-2061	Construction Laborers	\$25,170		No Matching CIP Code
47-2073	Operating Engineers and Other Construction Equipment Operators	\$32,030	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
47-2111	Electricians	\$41,290	46.0302	Electrician.
47-2141	Painters, Construction and Maintenance	\$33,680	46.0408	Painting/Painter and Wall Coverer.
47-2151	Pipelayers	\$33,350		No Matching CIP Code
47-2152	Plumbers, Pipefitters, and Steamfitters	\$40,430	46.0502 46.0503 46.0599	Pipefitting/Pipefitter and Sprinkler Fitter. Plumbing Technology/Plumber. Plumbing and Related Water Supply Services, Other.
47-3012	Helpers--Carpenters	\$23,990		No Matching CIP Code
47-3013	Helpers--Electricians	\$28,380		No Matching CIP Code
47-4011	Construction and Building Inspectors	\$46,160	46.0403	Building/Home/Construction Inspection/Inspector.
47-4051	Highway Maintenance Workers	\$27,670	49.0202 49.0207	Construction/Heavy Equipment/Earthmoving Equipment Operation. Flagging and Traffic Control.
47-5011	Derrick Operators, Oil and Gas	\$41,670	46.0504	Well Drilling/Driller.
47-5012	Rotary Drill Operators, Oil and Gas	\$48,270	46.0504	Well Drilling/Driller.
47-5013	Service Unit Operators, Oil, Gas, and Mining	\$41,360	15.0901	Mining Technology/Technician.
47-5071	Roustabouts, Oil and Gas	\$37,230		No Matching CIP Code
49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$50,190	46.0301 46.0303 47.0600 47.0617	Electrical and Power Transmission Installation/Installer, General. Lineworker. Vehicle Maintenance and Repair Technologies, General. High Performance and Custom Engine Technician/Mechanic.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			47.0618 52.0205	Recreation Vehicle (RV) Service Technician. Operations Management and Supervision.
49-2011	Computer, Automated Teller, and Office Machine Repairers	\$32,920	47.0102 47.0104	Business Machine Repair. Computer Installation and Repair Technology/Technician.
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	\$46,350	47.0104 47.0105	Computer Installation and Repair Technology/Technician. Industrial Electronics Technology/Technician.
49-3011	Aircraft Mechanics and Service Technicians	\$44,900	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	\$36,340	47.0603	Autobody/Collision and Repair Technology/Technician.
49-3023	Automotive Service Technicians and Mechanics	\$33,530	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	\$34,900	47.0605 47.0613	Diesel Mechanics Technology/Technician. Medium/Heavy Vehicle and Truck Technology/Technician.
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	\$36,840	01.0205 47.0302	Agricultural Mechanics and Equipment/Machine Technology. Heavy Equipment Maintenance Technology/Technician.
49-3093	Tire Repairers and Changers	\$23,500		No Matching CIP Code
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	\$37,680	15.0501 47.0201	HVAC and Refrigeration Engineering Technology/Technician. HVAC and Refrigeration Maintenance Technology/Technician.
49-9041	Industrial Machinery Mechanics	\$42,810	47.0303	Industrial Mechanics and Maintenance Technology.
49-9043	Maintenance Workers, Machinery	\$35,240	47.0303	Industrial Mechanics and Maintenance Technology.
49-9051	Electrical Power-Line Installers and Repairers	\$54,490	46.0301 46.0303 46.0399	Electrical and Power Transmission Installation/Installer, General. Lineworker. Electrical and Power Transmission Installers, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
49-9071	Maintenance and Repair Workers, General	\$31,550	46.0401	Building/Property Maintenance.
49-9098	Helpers--Installation, Maintenance, and Repair Workers	\$24,530		No Matching CIP Code
51-1011	First-Line Supervisors/Managers of Production and Operating Workers	\$47,180	52.0205	Operations Management and Supervision.
51-2022	Electrical and Electronic Equipment Assemblers	\$28,950		No Matching CIP Code
51-2031	Engine and Other Machine Assemblers	\$31,600	47.0615	Engine Machinist.
51-2041	Structural Metal Fabricators and Fitters	\$34,680	48.0503 48.0511	Machine Shop Technology/Assistant. Metal Fabricator.
51-2092	Team Assemblers	\$27,00		No Matching CIP Code
51-3011	Bakers	\$20,540	12.0501	Baking and Pastry Arts/Baker/Pastry Chef.
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	\$21,240		No Matching CIP Code
51-3023	Slaughterers and Meat Packers	\$24,220	12.0506	Meat Cutting/Meat Cutter.
51-3092	Food Batchmakers	\$22,410		No Matching CIP Code
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic	\$36,260	48.0503 48.0510	Machine Shop Technology/Assistant. CNC Machinist Technology/CNC Machinist.
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$32,110	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant
51-4041	Machinists	\$34,180	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	\$28,680		No Matching CIP Code
51-4121	Welders, Cutters, Solderers, and Brazers	\$34,100	15.0614 48.0508	Welding Engineering Technology/Technician. Welding Technology/Welder.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-5112	Printing Press Operators and Job Printers	\$30,950	10.0302 10.0305 10.0307 10.0399	Printing Management. Graphic and Printing Equipment Operator, General Production. Printing Press Operator. Graphic Communications, Other.
51-6011	Laundry and Dry-Cleaning Workers	\$18,750		No Matching CIP Code
51-7011	Cabinetmakers and Bench Carpenters	\$30,730	48.0703	Cabinetmaking and Millwork.
51-8031	Water and Liquid Waste Treatment Plant and System Operators	\$32,530	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	\$36,220		No Matching CIP Code
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	\$35,980		No Matching CIP Code
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	\$30,720	15.0702	Quality Control Technology/Technician.
51-9081	Dental Laboratory Technicians	\$35,200	51.0603	Dental Laboratory Technology/Technician.
51-9083	Ophthalmic Laboratory Technicians	\$28,720	51.1006	Ophthalmic Laboratory Technology/Technician.
51-9111	Packaging and Filling Machine Operators and Tenders	\$26,460		No Matching CIP Code
51-9122	Painters, Transportation Equipment	\$33,870	47.0603	Autobody/Collision and Repair Technology/Technician.
51-9197	Tire Builders	\$48,710		No Matching CIP Code
51-9198	Helpers--Production Workers	\$23,070		No Matching CIP Code
53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	\$40,800		No Matching CIP Code
53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	\$46,950	49.0208	Railroad and Railway Transportation.
53-3022	Bus Drivers, School	\$25,150	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-3031	Driver/Sales Workers	\$30,620		No Matching CIP Code
53-3032	Truck Drivers, Heavy and Tractor-Trailer	\$38,130	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Arkansas**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
53-3041	Taxi Drivers and Chauffeurs	\$18,900		No Matching CIP Code
53-6031	Service Station Attendants	\$20,920		No Matching CIP Code
53-7021	Crane and Tower Operators	\$33,330	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.
53-7032	Excavating and Loading Machine and Dragline Operators	\$32,420	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
53-7051	Industrial Truck and Tractor Operators	\$27,110		No Matching CIP Code
53-7061	Cleaners of Vehicles and Equipment	\$21,260		No Matching CIP Code
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	\$23,040		No Matching CIP Code
53-7063	Machine Feeders and Offbearers	\$29,560		No Matching CIP Code
53-7064	Packers and Packagers, Hand	\$21,310		No Matching CIP Code
53-7081	Refuse and Recyclable Material Collectors	\$25,380		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Central Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
13-1051	Cost Estimators	\$53,140	14.1801 14.1901 14.3301 14.3601 15.1001 52.0101 52.0201	Materials Engineering. Mechanical Engineering. Construction Engineering. Manufacturing Engineering. Construction Engineering Technology/Technician. Business/Commerce, General. Business Administration and Management, General.
17-1022	Surveyors	\$42,780	15.1102	Surveying Technology/Surveying.
31-9095	Pharmacy Aides	\$19,830		No Matching CIP Code
35-2015	Cooks, Short Order	\$17,670		No Matching CIP Code
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$23,000	01.0605 01.0606 01.0607	Landscaping and Groundskeeping. Plant Nursery Operations and Management. Turf and Turfgrass Management.
41-3041	Travel Agents	\$30,130	52.1804 52.1905	Selling Skills and Sales Operations. Tourism and Travel Services Marketing Operations.
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$22,120		No Matching CIP Code
47-2081	Drywall and Ceiling Tile Installers	\$30,750	46.0404	Drywall Installation/Drywaller.
47-2211	Sheet Metal Workers	\$31,450	48.0506	Sheet Metal Technology/Sheetworking.
47-3015	Helpers--Pipefitters, Plumbers, Pipefitters, and Steamfitters	\$24,140		No Matching CIP Code
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$50,100	47.0103	Communications Systems Installation and Repair Technology.
49-9052	Telecommunications Line Installers and Repairers	\$45,890	47.0103	Communications Systems Installation and Repair Technology.
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	\$28,290		No Matching CIP Code
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	\$21,700		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Central Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-4011	Locomotive Engineers	\$50,300	49.0208	Railroad and Railway Transportation.
53-4031	Railroad Conductors and Yardmasters	\$50,990	49.0208	Railroad and Railway Transportation.
53-7021	Crane and Tower Operators	\$33,330	49.0202 49.0206	Construction/Heavy Equipment/Earthmoving Equipment Operation. Mobil Crane Operation/Operator.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
13-2031	Budget Analysts	\$49,420	52.0301 52.0304 52.0801 52.0808	Accounting. Accounting and Finance. Finance, General. Public Finance.
13-2053	Insurance Underwriters	\$64,100	52.1304 52.1701	Actuarial Science. Insurance.
13-2061	Financial Examiners	\$69,570	43.0117 43.0121 52.0301 52.0303 52.1601	Financial Forensics and Fraud Investigation. Suspension and Debarment Investigation. Accounting. Auditing. Taxation.
17-2011	Aerospace Engineers	\$70,400	14.0201 14.1001 14.1901	Aerospace, Aeronautical and Astronautical/Space Engineering. Electrical and Electronics Engineering Mechanical Engineering.
19-2041	Environmental Scientists and Specialists, Including Health	\$51,690	03.0103 03.0104 30.3201 40.0509 51.2202	Environmental Studies. Environmental Science. Marine Sciences. Environmental Chemistry. Environmental Health.
19-4011	Agricultural & Food Science Technicians	\$36,790	01.1002	Food Technology and Processing.
23-2011	Paralegals and Legal Assistants	\$36,820	22.0302	Legal Assistant/Paralegal.
29-1124	Radiation Therapists	\$72,150	51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
33-9093	Transportation Security Screeners	\$36,190		No Matching CIP Code
39-4021	Funeral Attendants	\$21,270		No Matching CIP Code
41-9091	Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	\$26,410		No Matching CIP Code
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	\$39,890	47.0607 47.0608 47.0609	Airframe Mechanics and Aircraft Maintenance Technology/Technician. Aircraft Powerplant Technology/Technician. Avionics Maintenance Technology/Technician.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
51-6093	Upholsterers	\$26,810	48.0303	Upholstery/Upholsterer.
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Eastern Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
33-1011	First-Line Supervisors/Managers of Correctional Officers	\$46,650	43.0102 43.0104 43.0113	Corrections. Criminal Justice/Safety Studies. Corrections Administration.
49-3041	Farm Equipment Mechanics	\$31,540	01.0201 01.0204 01.0205 01.0299	Agricultural Mechanization, General. Agricultural Power Machinery Operation. Agricultural Mechanics and Equipment/Machine Technology. Agricultural Mechanization, Other.
49-3043	Rail Car Repairers	\$36,560	47.0302	Heavy Equipment Maintenance Technology/Technician.
49-3092	Recreational Vehicle Service Technicians	\$28,430	47.0618	Recreation Vehicle (RV) Service Technician.
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$30,760	48.0501	Machine Tool Technology/Machinist.
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$31,380	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-8091	Chemical Plant and System Operators	\$43,710	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	\$30,620	49.0208	Railroad and Railway Transportation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
47-2211	Sheet Metal Workers	\$34,450	48.0506	Sheet Metal Technology/Sheetworking.
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$30,880	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$30,900		No Matching CIP Code
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-5011	Sailors and Marine Oilers	NA		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Northeast 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	\$97,610	52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
11-9081	Lodging Managers	\$37,780	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.
25-1081	Education Teachers, Postsecondary	\$61,980	13.0101 13.0607 13.1301 13.1302 13.1303 13.1304 13.1305 13.1306 13.1307 13.1308 13.1309 13.1310 13.1311 13.1312 13.1314 13.1315 13.1316 13.1317 13.1318 13.1319 13.1320 13.1321	Education, General. Learning Sciences. Agricultural Teacher Education. Art Teacher Education. Business Teacher Education. Driver and Safety Teacher Education. English/Language Arts Teacher Education. Foreign Language Teacher Education. Health Teacher Education. Family and Consumer Sciences/Home Economics Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Ed. Mathematics Teacher Education. Music Teacher Education. Physical Education Teaching and Coaching. Reading Teacher Education. Science Teacher Education/General Science Teacher Education. Social Science Teacher Education. Social Studies Teacher Education. Technical Teacher Education. Trade and Industrial Teacher Education. Computer Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Northeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			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.
			13.1337	Earth Science Teacher Education.
			44.0502	Education Policy Analysis.
27-2032	Choreographers	\$45,800	50.0301	Dance, General.
			50.0302	Ballet.
			50.0399	Dance, Other.
			50.0509	Musical Theatre.
29-2021	Dental Hygienists	\$60,380	51.0602	Dental Hygiene/Hygienist.
29-2081	Opticians, Dispensing	\$27,490	51.1801	Opticianry/Ophthalmic Dispensing Optician.
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	\$22,120		No Matching CIP Code
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$29,710	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-2211	Sheet Metal Workers	\$31,450	48.0506	Sheet Metal Technology/Sheetworking.
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	\$50,100	47.0103	Communications Systems Installation and Repair Technology.
49-9052	Telecommunications Line Installers and Repairers	\$45,890	47.0103	Communications Systems Installation and Repair Technology.
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	\$28,440		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Northeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$30,760	48.0501	Machine Tool Technology/Machinist.
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	\$29,250	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking.
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	\$30,410	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$33,160	48.0501	Machine Tool Technology/Machinist.
51-4035	Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	\$35,100	48.0501	Machine Tool Technology/Machinist.
51-4051	Metal-Refining Furnace Operators and Tenders	\$38,290		No Matching CIP Code
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$34,040	48.0508	Welding Technology/Welder.
51-4191	Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	\$31,380	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Tool Technology/Machinist
51-5113	Print Binding and Finishing Workers	\$33,160		No Matching CIP Code
51-9011	Chemical Equipment Operators and Tenders	\$40,280	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$35,900		No Matching CIP Code
53-2012	Commercial Pilots	\$72,220	49.0102 49.0108	Airline/Commercial/Professional Pilot and Flight Crew. Flight Instructor.
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-7011	Conveyor Operators and Tenders	\$24,810		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Northwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
11-3121	Human Resources Managers	\$90,390	52.1001 52.1002	Human Resources Management/Personnel Administration, General. Labor and Industrial Relations.
13-1121	Meeting and Convention Planners	\$37,670	19.0604 52.0907	Facilities Planning and Management. Meeting and Event Planning.
19-1012	Food Scientists and Technologists	\$52,200	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.
23-2011	Paralegals and Legal Assistants	\$36,820	22.0302	Legal Assistant/Paralegal.
35-2015	Cooks, Short Order	\$17,670		No Matching CIP Code
49-9052	Telecommunications Line Installers and Repairers	\$45,890	47.0103	Communications Systems Installation and Repair Technology.
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal and Plastic	\$31,380	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southeast 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	\$97,610	52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
11-9041	Engineering Managers	\$96,940	04.0201	Architecture.
			04.0301	City/Urban, Community and Regional Planning.
			04.0401	Environmental Design/Architecture.
			04.0501	Interior Architecture.
			04.0601	Landscape Architecture.
			04.0902	Architectural and Building Sciences/Technology.
			14.0101	Engineering, General.
			14.0201	Aerospace, Aeronautical and Astronautical/Space Engineering.
			14.0301	Agricultural Engineering.
			14.0401	Architectural Engineering.
			14.0501	Bioengineering and Biomedical Engineering.
			14.0601	Ceramic Sciences and Engineering.
			14.0701	Chemical Engineering.
			14.0702	Chemical and Biomolecular Engineering.
			14.0799	Chemical Engineering, Other.
			14.0801	Civil Engineering, General.
			14.0802	Geotechnical and Geoenvironmental Engineering.
			14.0803	Structural Engineering.
			14.0804	Transportation and Highway Engineering.
			14.0805	Water Resources Engineering.
			14.0899	Civil Engineering, Other.
			14.0901	Computer Engineering, General.
			14.0902	Computer Hardware Engineering.
			14.0903	Computer Software Engineering.
			14.0999	Computer Engineering, Other.
			14.1001	Electrical and Electronics Engineering
			14.1003	Laser and Optical Engineering.
			14.1004	Telecommunications Engineering.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			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.
			14.4501	Biological/Biosystems Engineering.
			14.9999	Engineering, Other.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			15.1501 15.1502 15.1503 40.1001	Engineering/Industrial Management. Engineering Design. Packaging Science. Materials Science.
13-1141	Compensation, Benefits, and Job Analysis Specialists	\$46,990	52.1001	Human Resources Management/Personnel Administration, General.
17-3026	Industrial Engineering Technicians	\$45,470	15.0612 15.0613 15.0699 15.1501 15.1503 41.0303	Industrial Technology/Technician. Manufacturing Engineering Technology/Technician. Industrial Production Technologies/Technicians, Other. Engineering/Industrial Management. Packaging Science. Chemical Process Technology.
19-2031	Chemists	\$67,890	40.0501 40.0502 40.0503 40.0504 40.0506 40.0507 40.0508 40.0509 40.0510 40.0511 40.0599 40.1002	Chemistry, General. Analytical Chemistry. Inorganic Chemistry. Organic Chemistry. Physical Chemistry. Polymer Chemistry. Chemical Physics. Environmental Chemistry. Forensic Chemistry. Theoretical Chemistry. Chemistry, Other. Materials Chemistry.
23-2011	Paralegals and Legal Assistants	\$36,820	22.0302	Legal Assistant/Paralegal.
35-2015	Cooks, Short Order	\$17,670		No Matching CIP Code
45-1011	First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	\$44,360	01.0104 01.0199 01.0301	Farm/Farm and Ranch Management. Agricultural Business and Management, Other. Agricultural Production Operations, General.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
			01.0302 01.0303 01.0304 01.0306 01.0307 01.0308 01.0309 01.0399 01.0401 01.0901 01.0905 01.0906 01.0907 01.0999 01.1101 01.1102 03.0301 03.0510	Animal/Livestock Husbandry and Production. Aquaculture. Crop Production. Dairy Husbandry and Production. Horse Husbandry/Equine Science and Management. Agroecology and Sustainable Agriculture. Viticulture and Enology. Agricultural Production Operations, Other. Agricultural and Food Products Processing. Animal Sciences, General. Dairy Science. Livestock Management. Poultry Science. Animal Sciences, Other. Plant Sciences, General. Agronomy and Crop Science. Fishing and Fisheries Sciences and Management. Forest Resources Production and Management.
45-4021	Fallers	\$33,330		No Matching CIP Code
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters	\$35,650	46.0505	Blasting/Blaster.
49-3041	Farm Equipment Mechanics	\$31,540	01.0201 01.0204 01.0205 01.0299	Agricultural Mechanization, General. Agricultural Power Machinery Operation. Agricultural Mechanics and Equipment/Machine Technology. Agricultural Mechanization, Other.
51-2021	Coil Winders, Tapers, and Finishers	\$31,700		No Matching CIP Code
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$30,760	48.0501	Machine Tool Technology/Machinist.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southeast Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
51-4031	Cutting, Punching, & Press Machine Setters, Operators, & Tenders, Metal & Plastic	\$30,410	48.0501 48.0506	Machine Tool Technology/Machinist. Sheet Metal Technology/Sheetworking
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$30,880	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	\$34,040	48.0508	Welding Technology/Welder.
51-4191	Heat Treating Equipment Setters, Operators, & Tenders, Metal and Plastic	\$31,380	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	\$24,270	48.0703	Cabinetmaking and Millwork.
51-8013	Power Plant Operators	\$58,490		No Matching CIP Code
51-9011	Chemical Equipment Operators and Tenders	\$40,280	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$28,150		No Matching CIP Code
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	\$30,900		No Matching CIP Code
51-9123	Painting, Coating, and Decorating Workers	\$26,020		No Matching CIP Code
51-9191	Cementing and Gluing Machine Operators and Tenders	\$34,000		No Matching CIP Code
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$35,900		No Matching CIP Code
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
53-4011	Locomotive Engineers	\$50,300	49.0208	Railroad and Railway Transportation.
53-4021	Railroad Brake, Signal, and Switch Operators	\$46,910	49.0208	Railroad and Railway Transportation.
53-4031	Railroad Conductors and Yardmasters	\$50,990	49.0208	Railroad and Railway Transportation.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Southwest Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
49-3043	Rail Car Repairers	\$36,560	47.0302	Heavy Equipment Maintenance Technology/Technician.
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	\$30,760	48.0501	Machine Tool Technology/Machinist.
51-8091	Chemical Plant and System Operators	\$43,710	41.0301 41.0303	Chemical Technology/Technician. Chemical Process Technology.
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$42,960		No Matching CIP Code
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
11-9081	Lodging Managers	\$37,780	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.
17-2161	Nuclear Engineers	NA	14.2301	Nuclear Engineering.
19-4093	Forest and Conservation Technicians	\$41,400	03.0511 03.0599	Forest Technology/Technician. Forestry, Other.
25-1081	Education Teachers, Postsecondary	\$69,980	13.0101 13.0607 13.1301 13.1302 13.1303 13.1304 13.1305 13.1306 13.1307 13.1308 13.1309 13.1310 13.1311 13.1312 13.1314 13.1315 13.1316 13.1317 13.1318 13.1319	Education, General. Learning Sciences. Agricultural Teacher Education. Art Teacher Education. Business Teacher Education. Driver and Safety Teacher Education. English/Language Arts Teacher Education. Foreign Language Teacher Education. Health Teacher Education. Family and Consumer Sciences/Home Economics Teacher Education. Technology Teacher Education/Industrial Arts Teacher Education. Sales & Marketing Operations/Marketing & Distribution Teacher Ed. Mathematics Teacher Education. Music Teacher Education. Physical Education Teaching and Coaching. Reading Teacher Education. Science Teacher Education/General Science Teacher Education. Social Science Teacher Education. Social Studies Teacher Education. Technical Teacher Education.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
			13.1320 13.1321 13.1322 13.1323 13.1324 13.1325 13.1326 13.1328 13.1329 13.1330 13.1331 13.1332 13.1337 44.0502	Trade and Industrial Teacher Education. Computer Teacher Education. Biology Teacher Education. Chemistry Teacher Education. Drama and Dance Teacher Education. French Language Teacher Education. German Language Teacher Education. History Teacher Education. Physics Teacher Education. Spanish Language Teacher Education. Speech Teacher Education. Geography Teacher Education. Earth Science Teacher Education. Education Policy Analysis.
27-2041	Music Directors and Composers	\$43,660	39.0501 50.0509 50.0903 50.0904 50.0905 50.0906 50.0908 50.0913 50.0999 50.1003	Religious/Sacred Music. Musical Theatre. Music Performance, General. Music Theory and Composition. Musicology and Ethnomusicology. Conducting. Voice and Opera. Music Technology. Music, Other. Music Management.
27-3043	Writers and Authors	\$54,440	09.0100 09.0101 09.0102 09.0401 09.0402	Communication, General. Speech Communication and Rhetoric. Mass Communication/Media Studies. Journalism. Broadcast Journalism.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
			09.9999	Communication, Journalism, and Related Programs, Other.
			19.0202	Family and Consumer Sciences/Human Sciences Communication.
			23.1301	Writing, General.
			23.1302	Creative Writing.
			23.1303	Professional, Technical, Business, and Scientific Writing.
			23.1304	Rhetoric and Composition.
			23.1399	Rhetoric and Composition/Writing Studies, Other.
			23.1401	General Literature.
			23.1405	Children's and Adolescent Literature.
			23.1499	Literature, Other.
			50.0504	Playwriting and Screenwriting.
			52.0501	Business/Corporate Communications.
31-9095	Pharmacy Aides	\$19,830		No Matching CIP Code
37-1011	First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	\$29,630	46.0401	Building/Property Maintenance.
39-2011	Animal Trainers	\$29,720	01.0505 01.0507	Animal Training. Equestrian/Equine Studies.
39-3012	Gaming and Sports Book Writers and Runners	NA		No Matching CIP Code
39-3091	Amusement and Recreation Attendants	\$17,840		No Matching CIP Code
39-4831	Funeral service managers, directors, morticians, and undertakers	\$47,200	12.0301 12.0302 12.0399	Funeral Service and Mortuary Science, General. Funeral Direction/Service. Funeral Service and Mortuary Science, Other.
41-9011	Demonstrators and Product Promoters	\$26,430	52.1803	Retailing and Retail Operations.
45-2093	Farmworkers, Farm and Ranch Animals	\$23,440		No Matching CIP Code
45-4021	Fallers	\$33,330		No Matching CIP Code
47-2071	Paving, Surfacing, and Tamping Equipment Operators	\$29,710	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-4031	Fence Erectors	\$29,150		No Matching CIP Code

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
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
49-2098	Security and Fire Alarm Systems Installers	\$31,620	46.0302 47.0110	Electrician. Security System Install., Repair, & Inspection Technology/Technician.
49-3041	Farm Equipment Mechanics	\$31,540	01.0201 01.0204 01.0205 01.0299	Agricultural Mechanization, General. Agricultural Power Machinery Operation. Agricultural Mechanics and Equipment/Machine Technology. Agricultural Mechanization, Other.
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	\$28,150		No Matching CIP Code
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	\$42,960		No Matching CIP Code
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

**Projected Employment Opportunities List 2012-2013  
Western Arkansas Workforce Investment Area**

Occupation Information			Training Program Information	
SOC Code	Occupational Title	Annual Mean Wage <sup>1</sup>	CIP Code	CIP Title
19-4093	Forest and Conservation Technicians	\$41,400	03.0511 03.0599	Forest Technology/Technician. Forestry, Other.
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	\$24,140		No Matching CIP Code
47-5041	Continuous Mining Machine Operators	\$38,520	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
47-5061	Roof Bolters, Mining	NA		No Matching CIP Code
47-5081	Helpers--Extraction Workers	\$30,660		No Matching CIP Code
51-3093	Food Cooking Machine Operators and Tenders	\$24,940		No Matching CIP Code
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	\$30,880	48.0501 48.0503	Machine Tool Technology/Machinist. Machine Shop Technology/Assistant.
51-9196	Paper Goods Machine Setters, Operators, and Tenders	\$35,900		No Matching CIP Code
53-3033	Truck Drivers, Light or Delivery Services	\$28,860	49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.

<sup>1</sup> The annual mean wage is a statewide figure obtained from the May 2011 Occupational Employment and Wage Survey.

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### Arkansas List Sorted by SOC Code

#### 11

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  
11-9013 Farmers, Ranchers, and Other Agricultural Managers  
11-9021 Construction Managers  
11-9031 Education Administrators, Preschool and Child Care Center/Program  
11-9032 Education Administrators, Elementary and Secondary School  
11-9033 Education Administrators, Postsecondary  
11-9051 Food Service Managers  
11-9111 Medical and Health Services Managers  
11-9141 Property, Real Estate, and Community Association Managers  
11-9151 Social and Community Service Managers  
11-1011 Chief Executives  
11-1021 General and Operations Managers  
11-1031 Legislators

#### 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, Except Agriculture, Construction, Health and Safety, and Transportation  
13-1081 Logisticians  
13-1111 Management Analysts  
13-1151 Training and Development Specialists  
13-1161 Market Research Analysts and Marketing Specialists

13-2011 Accountants and Auditors  
13-2021 Appraisers and Assessors of Real Estate  
13-2051 Financial Analysts  
13-2052 Personal Financial Advisors  
13-2072 Loan Officers  
13-2082 Tax Preparers

#### 15

15-1121 Computer Systems Analysts  
15-1131 Computer Programmers  
15-1132 Software Developers, Applications  
15-1133 Software Developers, Systems Software  
15-1141 Database Administrators  
15-1142 Network and computer systems architects and administrators  
15-1150 Computer Support Specialists  
15-1179 Information Security Analysts, Web Developers, and Computer Network Architects  
15-2041 Statisticians

#### 17

17-1011 Architects, Except Landscape and Naval  
17-2051 Civil Engineers  
17-2112 Industrial Engineers  
17-2141 Mechanical Engineers

#### 19

19-3031 Clinical, Counseling, and School Psychologists

#### 21

21-1011 Substance Abuse and Behavioral Disorder Counselors  
21-1012 Educational, Vocational, and School Counselors  
21-1014 Mental Health Counselors  
21-1021 Child, Family, and School Social Workers  
21-1022 Medical and Public Health Social Workers

## APPENDIX A

### Arkansas List Sorted by SOC Code

21-1023	Mental Health and Substance Abuse Social Workers	25-4031	Library Technicians
21-1092	Probation Officers and Correctional Treatment Specialists	25-9031	Instructional Coordinators
21-1093	Social and Human Service Assistants	25-9041	Teacher Assistants
21-2011	Clergy		
21-2021	Directors, Religious Activities and Education		
<b>23</b>		<b>27</b>	
23-1011	Lawyers	27-1024	Graphic Designers
		27-1026	Merchandise Displayers and Window Trimmers
		27-2022	Coaches and Scouts
		27-3011	Radio and Television Announcers
		27-3031	Public Relations Specialists
		27-3041	Editors
<b>25</b>		<b>29</b>	
25-1011	Business Teachers, Postsecondary	29-1021	Dentists, General
25-1022	Mathematical Science Teachers, Postsecondary	29-1031	Dietitians and Nutritionists
25-1072	Nursing Instructors and Teachers, Postsecondary	29-1041	Optometrists
25-1121	Art, Drama, and Music Teachers, Postsecondary	29-1051	Pharmacists
25-1123	English Language and Literature Teachers, Postsecondary	29-1062	Family and General Practitioners
25-1191	Graduate Teaching Assistants	29-1111	Registered Nurses
25-1194	Vocational Education Teachers, Postsecondary	29-1122	Occupational Therapists
25-2011	Preschool Teachers, Except Special Education	29-1123	Physical Therapists
25-2012	Kindergarten Teachers, Except Special Education	29-1126	Respiratory Therapists
25-2021	Elementary School Teachers, Except Special Education	29-1127	Speech-Language Pathologists
25-2022	Middle School Teachers, Except Special and Vocational Education	29-2011	Medical and Clinical Laboratory Technologists
25-2031	Secondary School Teachers, Except Special and Vocational Education	29-2012	Medical and Clinical Laboratory Technicians
25-2032	Vocational Education Teachers, Secondary School	29-2021	Dental Hygienists
25-2041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	29-2037	Radiologic Technologists and Technicians
25-2053	Special Education Teachers, Middle School	29-2041	Emergency Medical Technicians and Paramedics
25-2054	Special Education Teachers, Secondary School	29-2052	Pharmacy Technicians
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors	29-2053	Psychiatric Technicians
25-3021	Self-Enrichment Education Teachers	29-2055	Surgical Technologists
25-4021	Librarians	29-2055	Surgical Technologists
		29-2061	Licensed Practical and Licensed Vocational Nurses
		29-2071	Medical Records and Health Information Technicians
		29-9011	Occupational Health and Safety Specialists

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### Arkansas List Sorted by SOC Code

#### 31

31-1011 Home Health Aides  
31-1012 Nursing Aides, Orderlies, and Attendants  
31-1013 Psychiatric Aides  
31-2021 Physical Therapist Assistants  
31-9011 Massage Therapists  
31-9091 Dental Assistants  
31-9092 Medical Assistants

#### 33

33-1012 First-Line Supervisors/Managers of Police and Detectives  
33-1021 First-Line Supervisors/Managers of Fire Fighting and Prevention Workers  
33-2011 Fire Fighters  
33-3012 Correctional Officers and Jailers  
33-3051 Police and Sheriff's Patrol Officers  
33-9032 Security Guards  
33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers  
33-9099 Protective Service Workers, All Other

#### 35

35-1012 First-Line Supervisors/Managers 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, Including Fast Food  
35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop  
35-3031 Waiters and Waitresses

35-3041 Food Servers, Nonrestaurant  
35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers  
35-9021 Dishwashers  
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop

#### 37

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

#### 39

39-1021 First-Line Supervisors/Managers of Personal Service Workers  
39-2021 Nonfarm Animal Caretakers  
39-3031 Ushers, Lobby Attendants, and Ticket Takers  
39-3091 Amusement and Recreation Attendants  
39-5012 Hairdressers, Hairstylists, and Cosmetologists  
39-7011 Tour Guides and Escorts  
39-9011 Child Care Workers  
39-9021 Personal and Home Care Aides  
39-9031 Fitness Trainers and Aerobics Instructors  
39-9032 Recreation Workers  
39-9041 Residential Advisors

#### 41

41-1011 First-Line Supervisors/Managers of Retail Sales Workers  
41-1012 First-Line Supervisors/Managers of Non-Retail Sales Workers

## APPENDIX A

### Arkansas List Sorted by SOC Code

41-2011	Cashiers	43-4161	Human Resources Assistants, Except Payroll and Timekeeping
41-2021	Counter and Rental Clerks	43-4171	Receptionists and Information Clerks
41-2022	Parts Salespersons	43-4181	Reservation and Transportation Ticket Agents and Travel Clerks
41-2031	Retail Salespersons	43-5011	Cargo and Freight Agents
41-3011	Advertising Sales Agents	43-5031	Police, Fire, and Ambulance Dispatchers
41-3021	Insurance Sales Agents	43-5032	Dispatchers, Except Police, Fire, and Ambulance
41-3031	Securities, Commodities, and Financial Services Sales Agents	43-5041	Meter Readers, Utilities
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	43-5052	Postal Service Mail Carriers
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	43-5061	Production, Planning, and Expediting Clerks
41-9022	Real Estate Sales Agents	43-5071	Shipping, Receiving, and Traffic Clerks
41-9041	Telemarketers	43-5081	Stock Clerks and Order Fillers
<b>43</b>		43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping
43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers	43-6011	Executive Secretaries and Administrative Assistants
43-2011	Switchboard Operators, Including Answering Service	43-6013	Medical Secretaries
43-3011	Bill and Account Collectors	43-6014	Secretaries, Except Legal, Medical, and Executive
43-3021	Billing and Posting Clerks and Machine Operators	43-9021	Data Entry Keyers
43-3031	Bookkeeping, Accounting, and Auditing Clerks	43-9041	Insurance Claims and Policy Processing Clerks
43-3051	Payroll and Timekeeping Clerks	43-9061	Office Clerks, General
43-3071	Tellers	43-9071	Office Machine Operators, Except Computer
43-4031	Court, Municipal, and License Clerks	<b>45</b>	
43-4051	Customer Service Representatives	45-2041	Graders and Sorters, Agricultural Products
43-4061	Eligibility Interviewers, Government Programs	45-2091	Agricultural Equipment Operators
43-4071	File Clerks	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse
43-4081	Hotel, Motel, and Resort Desk Clerks	45-4022	Logging Equipment Operators
43-4111	Interviewers, Except Eligibility and Loan	<b>47</b>	
43-4121	Library Assistants, Clerical	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
43-4131	Loan Interviewers and Clerks	47-2031	Carpenters
43-4141	New Accounts Clerks	47-2061	Construction Laborers
43-4151	Order Clerks		

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### Arkansas List Sorted by SOC Code

47-2073 Operating Engineers and Other Construction Equipment Operators  
47-2111 Electricians  
47-2141 Painters, Construction and Maintenance  
47-2151 Pipelayers  
47-2152 Plumbers, Pipefitters, and Steamfitters  
47-3012 Helpers--Carpenters  
47-3013 Helpers--Electricians  
47-4011 Construction and Building Inspectors  
47-4051 Highway Maintenance Workers  
47-5011 Derrick Operators, Oil and Gas  
47-5012 Rotary Drill Operators, Oil and Gas  
47-5013 Service Unit Operators, Oil, Gas, and Mining  
47-5071 Roustabouts, Oil and Gas

**49**

49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers  
49-2011 Computer, Automated Teller, and Office Machine Repairers  
49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment  
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  
49-3042 Mobile Heavy Equipment Mechanics, Except Engines  
49-3093 Tire Repairers and Changers  
49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers  
49-9041 Industrial Machinery Mechanics  
49-9043 Maintenance Workers, Machinery  
49-9051 Electrical Power-Line Installers and Repairers

49-9071 Maintenance and Repair Workers, General  
49-9098 Helpers--Installation, Maintenance, and Repair Workers

**51**

51-1011 First-Line Supervisors/Managers of Production and Operating Workers  
51-2022 Electrical and Electronic Equipment Assemblers  
51-2031 Engine and Other Machine Assemblers  
51-2041 Structural Metal Fabricators and Fitters  
51-2092 Team Assemblers  
51-3011 Bakers  
51-3022 Meat, Poultry, and Fish Cutters and Trimmers  
51-3023 Slaughterers and Meat Packers  
51-3092 Food Batchmakers  
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic  
51-4033 Grinding, Lapping, Polishing, and 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  
51-5112 Printing Press Operators and Job Printers  
51-6011 Laundry and Dry-Cleaning Workers  
51-7011 Cabinetmakers and Bench Carpenters  
51-8031 Water and Liquid Waste Treatment Plant and System Operators  
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders  
51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders  
51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers  
51-9081 Dental Laboratory Technicians  
51-9083 Ophthalmic Laboratory Technicians  
51-9111 Packaging and Filling Machine Operators and Tenders

## APPENDIX A

### Arkansas List Sorted by SOC Code

51-9122 Painters, Transportation Equipment  
51-9197 Tire Builders  
51-9198 Helpers--Production Workers  
51-9399 Production Workers, All Other

#### 53

53-1021 First-Line Supervisors/Managers of Helpers, Laborers,  
and Material Movers, Hand  
53-1031 First-Line Supervisors/Managers of Transportation and  
Material-Moving Machine and Vehicle Operators  
53-3022 Bus Drivers, School  
53-3031 Driver/Sales Workers

53-3032 Truck Drivers, Heavy and Tractor-Trailer  
53-3041 Taxi Drivers and Chauffeurs  
53-6031 Service Station Attendants  
53-7021 Crane and Tower Operators  
53-7032 Excavating and Loading Machine and Dragline  
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

01.0101 Agricultural Business and Management, General.  
01.0102 Agribusiness/Agricultural Business Operations.  
01.0104 Farm/Farm and Ranch Management.  
01.0105 Agricultural/Farm Supplies Retailing and Wholesaling.  
01.0106 Agricultural Business Technology.  
01.0199 Agricultural Business and Management, Other.  
01.0204 Agricultural Power Machinery Operation.  
01.0205 Agricultural Mechanics and Equipment/Machine Technology.  
01.0301 Agricultural Production Operations, General.  
01.0302 Animal/Livestock Husbandry and Production.  
01.0303 Aquaculture.  
01.0304 Crop Production.  
01.0306 Dairy Husbandry and Production.  
01.0307 Horse Husbandry/Equine Science and Management.  
01.0308 Agroecology and Sustainable Agriculture.  
01.0309 Viticulture and Enology.  
01.0399 Agricultural Production Operations, Other.  
01.0504 Dog/Pet/Animal Grooming.  
01.0601 Applied Horticulture/Horticulture Operations, General.  
01.0603 Ornamental Horticulture.  
01.0604 Greenhouse Operations and Management.  
01.0605 Landscaping and Groundskeeping.  
01.0606 Plant Nursery Operations and Management.  
01.0607 Turf and Turfgrass Management.  
01.0608 Floriculture/Floristry Operations and Management.  
01.0802 Agricultural Communication/Journalism.  
01.0901 Animal Sciences, General.  
01.0902 Agricultural Animal Breeding.  
01.0903 Animal Health.  
01.0904 Animal Nutrition.  
01.0905 Dairy Science.  
01.0906 Livestock Management.  
01.0907 Poultry Science.

01.0999 Animal Sciences, Other.  
01.1101 Plant Sciences, General.  
01.1102 Agronomy and Crop Science.  
01.1103 Horticultural Science.  
01.1105 Plant Protection and Integrated Pest Management.  
01.1106 Range Science and Management.

#### 03

03.0208 Natural Resources Law Enforcement and Protective Services.

#### 04

04.0201 Architecture.  
04.0401 Environmental Design/Architecture.  
04.0801 Architectural History and Criticism, General.  
04.1001 Real Estate Development.

#### 09

09.0100 Communication, General.  
09.0101 Speech Communication and Rhetoric.  
09.0102 Mass Communication/Media Studies.  
09.0401 Journalism.  
09.0402 Broadcast Journalism.  
09.0701 Radio and Television.  
09.0900 Public Relations, Advertising, and Applied Communication.  
09.0902 Public Relations/Image Management.  
09.0904 Political Communication.  
09.0905 Health Communication.  
09.0906 Sports Communication.  
09.0907 International and Intercultural Communication.  
09.0908 Technical and Scientific Communication.  
09.1001 Publishing.  
09.9999 Communication, Journalism, and Related Programs, Other.

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 10

- 10.0302 Printing Management.
- 10.0305 Graphic and Printing Equipment Operator, General Production.
- 10.0307 Printing Press Operator.
- 10.0399 Graphic Communications, Other.

#### 11

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

#### 12

- 12.0401 Cosmetology/Cosmetologist, General.
- 12.0404 Electrolysis/Electrology and Electrolysis Technician.
- 12.0406 Make-Up Artist/Specialist.
- 12.0407 Hair Styling/Stylist and Hair Design.
- 12.0411 Permanent Cosmetics/Makeup and Tattooing.
- 12.0412 Salon/Beauty Salon Management/Manager.
- 12.0413 Cosmetology, Barber/Styling, and Nail Instructor.
- 12.0499 Cosmetology and Related Personal Grooming Arts, Other.
- 12.0500 Cooking and Related Culinary Arts, General.
- 12.0501 Baking and Pastry Arts/Baker/Pastry Chef.
- 12.0502 Bartending/Bartender.
- 12.0503 Culinary Arts/Chef Training.
- 12.0504 Restaurant, Culinary, and Catering Management/Manager.
- 12.0505 Food Preparation/Professional Cooking/Kitchen Assistant.
- 12.0506 Meat Cutting/Meat Cutter.
- 12.0507 Food Service, Waiter/Waitress, and Dining Room Management/Manager.
- 12.0508 Institutional Food Workers.
- 12.0509 Culinary Science/Culinology.
- 12.0510 Wine Steward/Sommelier.

#### 13

- 13.0201 Bilingual and Multilingual Education.
- 13.0202 Multicultural Education.
- 13.0299 Bilingual, Multilingual, and Multicultural Education, Other.
- 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 Superintendentcy and Educational System Administration.
- 13.0501 Educational/Instructional Technology.

## APPENDIX B

### Arkansas List Sorted by CIP Code

13.1001	Special Education and Teaching, General.	13.1210	Early Childhood Education and Teaching.
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness.	13.1301	Agricultural Teacher Education.
13.1005	Education/Teaching of Individuals with Emotional Disturbances.	13.1302	Art Teacher Education.
13.1006	Education/Teaching of Individuals with Mental Retardation.	13.1303	Business Teacher Education.
13.1007	Education/Teaching of Individuals with Multiple Disabilities.	13.1304	Driver and Safety Teacher Education.
13.1008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.	13.1305	English/Language Arts Teacher Education.
13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.	13.1306	Foreign Language Teacher Education.
13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.	13.1307	Health Teacher Education.
13.1012	Education/Teaching of Individuals with Speech or Language Impairments.	13.1308	Family and Consumer Sciences/Home Economics Teacher Education.
13.1013	Education/Teaching of Individuals with Autism.	13.1309	Technology Teacher Education/Industrial Arts Teacher Education.
13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.	13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education.
13.1015	Education/Teaching of Individuals in Early Childhood Special Education Programs.	13.1311	Mathematics Teacher Education.
13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.	13.1312	Music Teacher Education.
13.1018	Education/Teaching of Individuals in Junior High/Middle School Special Education Programs.	13.1314	Physical Education Teaching and Coaching.
13.1019	Education/Teaching of Individuals in Secondary Special Education Programs.	13.1315	Reading Teacher Education.
13.1101	Counselor Education/School Counseling and Guidance Services.	13.1316	Science Teacher Education/General Science Teacher Education.
13.1102	College Student Counseling and Personnel Services.	13.1317	Social Science Teacher Education.
13.1199	Student Counseling and Personnel Services, Other.	13.1318	Social Studies Teacher Education.
13.1201	Adult and Continuing Education and Teaching.	13.1319	Technical Teacher Education.
13.1202	Elementary Education and Teaching.	13.1320	Trade and Industrial Teacher Education.
13.1203	Junior High/Intermediate/Middle School Education and Teaching.	13.1321	Computer Teacher Education.
13.1205	Secondary Education and Teaching.	13.1322	Biology Teacher Education.
13.1206	Teacher Education, Multiple Levels.	13.1323	Chemistry Teacher Education.
13.1209	Kindergarten/Preschool Education and Teaching.	13.1324	Drama and Dance Teacher Education.
		13.1325	French Language Teacher Education.
		13.1326	German Language Teacher Education.
		13.1327	Health Occupations Teacher Education.
		13.1328	History Teacher Education.
		13.1329	Physics Teacher Education.
		13.1330	Spanish Language Teacher Education.
		13.1331	Speech Teacher Education.

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### Arkansas List Sorted by CIP Code

- 13.1332 Geography Teacher Education.
- 13.1333 Latin Teacher Education.
- 13.1334 School Librarian/School Library Media Specialist.
- 13.1335 Psychology Teacher Education.
- 13.1337 Earth Science Teacher Education.
- 13.1338 Environmental Education.
- 13.1401 Teaching English as a Second or Foreign Language/ESL Language Instructor.
- 13.1501 Teacher Assistant/Aide.
- 13.1502 Adult Literacy Tutor/Instructor.

#### 14

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

#### 15

- 15.0501 Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician.
- 15.0506 Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
- 15.0614 Welding Engineering Technology/Technician.
- 15.0701 Occupational Safety and Health Technology/Technician.

- 15.0702 Quality Control Technology/Technician.
- 15.0703 Industrial Safety Technology/Technician.
- 15.0803 Automotive Engineering Technology/Technician.
- 15.0901 Mining 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 and Consumer Sciences/Human Sciences Communication.
- 19.0203 Consumer Merchandising/Retailing Management.
- 19.0501 Foods, Nutrition, and Wellness Studies, General.
- 19.0504 Human Nutrition.
- 19.0505 Foodservice Systems Administration/Management.
- 19.0599 Foods, Nutrition, and Related Services, Other.
- 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

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.

#### 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.

#### 26

26.0101 Biology/Biological Sciences, General.  
26.1102 Biostatistics.  
26.1103 Bioinformatics.

#### 27

27.0101 Mathematics, General.  
27.0102 Algebra and Number Theory.  
27.0103 Analysis and Functional Analysis.  
27.0104 Geometry/Geometric Analysis.  
27.0105 Topology and Foundations.  
27.0199 Mathematics, Other.  
27.0301 Applied Mathematics, General.  
27.0304 Computational and Applied Mathematics.  
27.0305 Financial Mathematics.  
27.0306 Mathematical Biology.  
27.0399 Applied Mathematics, Other.  
27.0501 Statistics, General.  
27.0502 Mathematical Statistics and Probability.  
27.0503 Mathematics and Statistics.  
27.0599 Statistics, Other.  
27.9999 Mathematics and Statistics, Other.

#### 30

30.1601 Accounting and Computer Science.  
30.1901 Nutrition Sciences.

#### 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.

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 38

38.0102 Logic.

#### 39

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

#### 40

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

#### 42

42.0101 Psychology, General.  
42.2703 Developmental and Child Psychology.  
42.2801 Clinical Psychology.  
42.2803 Counseling Psychology.  
42.2805 School Psychology.  
42.2807 Clinical Child Psychology.  
42.2809 Geropsychology.  
42.2810 Health/Medical Psychology.  
42.2814 Applied Behavior Analysis.

#### 43

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

#### 44

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

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 45

- 45.0101 Social Sciences, General.
- 45.0102 Research Methodology and Quantitative Methods.
- 45.0602 Applied Economics.

#### 46

- 46.0000 Construction Trades, General.
- 46.0101 Mason/Masonry.
- 46.0201 Carpentry/Carpenter.
- 46.0301 Electrical and Power Transmission Installation/Installer, General.
- 46.0302 Electrician.
- 46.0303 Lineworker.
- 46.0399 Electrical and Power Transmission Installers, Other.
- 46.0401 Building/Property Maintenance.
- 46.0402 Concrete Finishing/Concrete Finisher.
- 46.0403 Building/Home/Construction Inspection/Inspector.
- 46.0404 Drywall Installation/Drywaller.
- 46.0406 Glazier.
- 46.0408 Painting/Painter and Wall Coverer.
- 46.0410 Roofer.
- 46.0412 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

- 47.0102 Business Machine Repair.
- 47.0104 Computer Installation and Repair Technology/Technician.
- 47.0105 Industrial Electronics Technology/Technician.

- 47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.
- 47.0302 Heavy Equipment Maintenance Technology/Technician.
- 47.0303 Industrial Mechanics and Maintenance Technology.
- 47.0600 Vehicle Maintenance and Repair Technologies, General.
- 47.0603 Autobody/Collision and Repair Technology/Technician.
- 47.0604 Automobile/Automotive Mechanics Technology/Technician.
- 47.0605 Diesel Mechanics Technology/Technician.
- 47.0607 Airframe Mechanics and Aircraft Maintenance Technology/Technician.
- 47.0608 Aircraft Powerplant Technology/Technician.
- 47.0612 Vehicle Emissions Inspection and Maintenance Technology/Technician.
- 47.0613 Medium/Heavy Vehicle and Truck Technology/Technician.
- 47.0614 Alternative Fuel Vehicle Technology/Technician.
- 47.0615 Engine Machinist.
- 47.0617 High Performance and Custom Engine Technician/Mechanic.
- 47.0618 Recreation Vehicle (RV) Service Technician.

#### 48

- 48.0501 Machine Tool Technology/Machinist.
- 48.0503 Machine Shop Technology/Assistant.
- 48.0508 Welding Technology/Welder.
- 48.0510 Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.
- 48.0511 Metal Fabricator.
- 48.0703 Cabinetmaking and Millwork.

#### 49

- 49.0202 Construction/Heavy Equipment/Earthmoving Equipment Operation.
- 49.0205 Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
- 49.0206 Mobil Crane Operation/Operator.

## APPENDIX B

### Arkansas List Sorted by CIP Code

#### 49

- 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.
- 50.0916 Percussion Instruments.
- 50.0999 Music, Other.
- 50.1001 Arts, Entertainment, and Media Management, General.
- 50.1002 Fine and Studio Arts Management.
- 50.1003 Music Management.
- 50.1004 Theatre/Theatre Arts Management.
- 50.1099 Arts, Entertainment, and Media Management, Other.
- 50.9999 Visual and Performing Arts, Other.

#### 51

- 51.0201 Communication Sciences and Disorders, General.
- 51.0203 Speech-Language Pathology/Pathologist.
- 51.0204 Audiology/Audiologist and Speech-Language Pathology/Pathologist.

## APPENDIX B

### Arkansas List Sorted by CIP Code

51.0299	Communication Disorders Sciences and Services, Other.	51.0908	Respiratory Care Therapy/Therapist.
51.0401	Dentistry.	51.0909	Surgical Technology/Technologist.
51.0502	Advanced General Dentistry.	51.0911	Radiologic Technology/Science - Radiographer.
51.0509	Pediatric Dentistry/Pedodontics.	51.0919	Mammography Technician/Technology.
51.0601	Dental Assisting/Assistant.	51.0920	Magnetic Resonance Imaging (MRI) Technology/Technician.
51.0602	Dental Hygiene/Hygienist.	51.1001	Blood Bank Technology Specialist.
51.0603	Dental Laboratory Technology/Technician.	51.1002	Cytotechnology/Cytotechnologist.
51.0701	Health/Health Care Administration/Management.	51.1003	Hematology Technology/Technician.
51.0702	Hospital and Health Care Facilities Administration/Management.	51.1004	Clinical/Medical Laboratory Technician.
51.0704	Health Unit Manager/Ward Supervisor.	51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
51.0705	Medical Office Management/Administration.	51.1006	Ophthalmic Laboratory Technology/Technician.
51.0706	Health Information/Medical Records Administration/Administrator.	51.1007	Histologic Technology/Histotechnologist.
51.0707	Health Information/Medical Records Technology/Technician.	51.1008	Histologic Technician.
51.0709	Medical Office Computer Specialist/Assistant.	51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.
51.0710	Medical Office Assistant/Specialist.	51.1012	Sterile Processing Technology/Technician.
51.0711	Medical/Health Management and Clinical Assistant/Specialist.	51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
51.0712	Medical Reception/Receptionist.	51.1201	Medicine.
51.0713	Medical Insurance Coding Specialist/Coder.	51.1501	Substance Abuse/Addiction Counseling.
51.0714	Medical Insurance Specialist/Medical Biller.	51.1502	Psychiatric/Mental Health Services Technician.
51.0715	Health/Medical Claims Examiner.	51.1503	Clinical/Medical Social Work.
51.0716	Medical Administrative/Executive Assistant and Medical Secretary.	51.1506	Clinical Pastoral Counseling/Patient Counseling.
51.0718	Long Term Care Administration/Management.	51.1507	Psychoanalysis and Psychotherapy.
51.0719	Clinical Research Coordinator.	51.1508	Mental Health Counseling/Counselor.
51.0801	Medical/Clinical Assistant.	51.1701	Optometry.
51.0802	Clinical/Medical Laboratory Assistant.	51.1901	Osteopathic Medicine/Osteopathy.
51.0805	Pharmacy Technician/Assistant.	51.2001	Pharmacy.
51.0806	Physical Therapy Technician/Assistant.	51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.
51.0809	Anesthesiologist Assistant.	51.2003	Pharmaceutics and Drug Design.
51.0811	Pathology/Pathologist Assistant.	51.2004	Medicinal and Pharmaceutical Chemistry.
51.0813	Chiropractic Assistant/Technician.	51.2005	Natural Products Chemistry and Pharmacognosy.
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).	51.2006	Clinical and Industrial Drug Development.
51.0907	Medical Radiologic Technology/Science - Radiation Therapist.	51.2007	Pharmacoeconomics/Pharmaceutical Economics.

## APPENDIX B

### Arkansas List Sorted by CIP Code

51.2008	Clinical, Hospital, and Managed Care Pharmacy.	51.3813	Clinical Nurse Specialist.
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.	51.3814	Critical Care Nursing.
51.2010	Pharmaceutical Sciences.	51.3815	Occupational and Environmental Health Nursing.
51.2011	Pharmaceutical Marketing and Management.	51.3816	Emergency Room/Trauma Nursing.
51.2201	Public Health, General.	51.3817	Nursing Education.
51.2202	Environmental Health.	51.3818	Nursing Practice.
51.2206	Occupational Health and Industrial Hygiene.	51.3819	Palliative Care Nursing.
51.2208	Community Health and Preventive Medicine.	51.3820	Clinical Nurse Leader.
51.2211	Health Services Administration.	51.3821	Geriatric Nurse/Nursing.
51.2306	Occupational Therapy/Therapist.	51.3822	Women's Health Nurse/Nursing.
51.2308	Physical Therapy/Therapist.	51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.
51.2311	Kinesiotherapy/Kinesiotherapist.	51.3901	Licensed Practical/Vocational Nurse Training.
51.2601	Health Aide.	51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide.
51.2602	Home Health Aide/Home Attendant.	51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
51.2706	Medical Informatics.		
51.3101	Dietetics/Dietitian.	<b>52</b>	
51.3102	Clinical Nutrition/Nutritionist.	52.0101	Business/Commerce, General.
51.3199	Dietetics and Clinical Nutrition Services, Other.	52.0201	Business Administration and Management, General.
51.3501	Massage Therapy/Therapeutic Massage.	52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
51.3502	Asian Bodywork Therapy.	52.0203	Logistics, Materials, and Supply Chain Management.
51.3503	Somatic Bodywork.	52.0204	Office Management and Supervision.
51.3602	Yoga Teacher Training/Yoga Therapy.	52.0205	Operations Management and Supervision.
51.3801	Registered Nursing/Registered Nurse.	52.0206	Non-Profit/Public/Organizational Management.
51.3802	Nursing Administration.	52.0207	Customer Service Management.
51.3803	Adult Health Nurse/Nursing.	52.0208	E-Commerce/Electronic Commerce.
51.3804	Nurse Anesthetist.	52.0210	Research and Development Management.
51.3805	Family Practice Nurse/Nursing.	52.0211	Project Management.
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.	52.0212	Retail Management.
51.3807	Nurse Midwife/Nursing Midwifery.	52.0213	Organizational Leadership.
51.3808	Nursing Science.	52.0301	Accounting.
51.3809	Pediatric Nurse/Nursing.	52.0302	Accounting Technology/Technician and Bookkeeping.
51.3810	Psychiatric/Mental Health Nurse/Nursing.	52.0303	Auditing.
51.3811	Public Health/Community Nurse/Nursing.		
51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.		

## APPENDIX B

### Arkansas List Sorted by CIP Code

52.0304	Accounting and Finance.	52.1207	Knowledge Management.
52.0305	Accounting and Business/Management.	52.1301	Management Science.
52.0401	Administrative Assistant and Secretarial Science, General.	52.1302	Business Statistics.
52.0402	Executive Assistant/Executive Secretary.	52.1304	Actuarial Science.
52.0406	Receptionist.	52.1401	Marketing/Marketing Management, General.
52.0407	Business/Office Automation/Technology/Data Entry.	52.1402	Marketing Research.
52.0408	General Office Occupations and Clerical Services.	52.1403	International Marketing.
52.0409	Parts, Warehousing, and Inventory Management Operations.	52.1499	Marketing, Other.
52.0410	Traffic, Customs, and Transportation Clerk/Technician.	52.1501	Real Estate.
52.0411	Customer Service Support/Call Center/Teleservice Operation.	52.1601	Taxation.
52.0501	Business/Corporate Communications.	52.1701	Insurance.
52.0701	Entrepreneurship/Entrepreneurial Studies.	52.1801	Sales, Distribution, and Marketing Operations, General.
52.0702	Franchising and Franchise Operations.	52.1802	Merchandising and Buying Operations.
52.0801	Finance, General.	52.1803	Retailing and Retail Operations.
52.0803	Banking and Financial Support Services.	52.1804	Selling Skills and Sales Operations.
52.0804	Financial Planning and Services.	52.1899	General Merchandising, Sales, and Related Marketing Operations, Other.
52.0806	International Finance.	52.1902	Fashion Merchandising.
52.0807	Investments and Securities.	52.1904	Apparel and Accessories Marketing Operations.
52.0808	Public Finance.	52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations.
52.0809	Credit Management.	52.1908	Business and Personal/Financial Services Marketing Operations.
52.0899	Finance and Financial Management Services, Other.	52.1909	Special Products Marketing Operations.
52.0901	Hospitality Administration/Management, General.	52.2001	Construction Management.
52.0904	Hotel/Motel Administration/Management.	52.2101	Telecommunications Management.
52.0905	Restaurant/Food Services Management.		
52.0909	Hotel, Motel, and Restaurant Management.		
52.1001	Human Resources Management/Personnel Administration, General.	<b>54</b>	
52.1002	Labor and Industrial Relations.	54.0101	History, General.
52.1003	Organizational Behavior Studies.		
52.1005	Human Resources Development.	<b>60</b>	
52.1101	International Business/Trade/Commerce.	60.0102	Dental Public Health Residency Program.
52.1201	Management Information Systems, General.	60.0106	Pediatric Dentistry Residency Program.
52.1206	Information Resources Management.	60.0413	Family Medicine Residency Program.

## APPENDIX C

### Arkansas List Sorted by Occupation Title

<b>A</b>	
13-2011	Accountants and Auditors
11-3011	Administrative Services Managers
25-3011	Adult Literacy, Remedial Education, and GED Teachers and Instructors
41-3011	Advertising Sales Agents
45-2091	Agricultural Equipment Operators
49-3011	Aircraft Mechanics and Service Technicians
39-3091	Amusement and Recreation Attendants
13-2021	Appraisers and Assessors of Real Estate
17-1011	Architects, Except Landscape and Naval
25-1121	Art, Drama, and Music Teachers, Postsecondary
49-3021	Automotive Body and Related Repairers
49-3023	Automotive Service Technicians and Mechanics
<b>B</b>	
51-3011	Bakers
35-3011	Bartenders
43-3011	Bill and Account Collectors
43-3021	Billing and Posting Clerks and Machine Operators
43-3031	Bookkeeping, Accounting, and Auditing Clerks
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists
53-3022	Bus Drivers, School
25-1011	Business Teachers, Postsecondary
<b>C</b>	
51-7011	Cabinetmakers and Bench Carpenters
43-5011	Cargo and Freight Agents
47-2031	Carpenters
41-2011	Cashiers
11-1011	Chief Executives
39-9011	Child Care Workers
21-1021	Child, Family, and School Social Workers
17-2051	Civil Engineers
13-1031	Claims Adjusters, Examiners, and Investigators
53-7061	Cleaners of Vehicles and Equipment
21-2011	Clergy
19-3031	Clinical, Counseling, and School Psychologists
27-2022	Coaches and Scouts
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food
13-1041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation
11-3021	Computer and Information Systems Managers
15-1131	Computer Programmers
15-1150	Computer Support Specialists
15-1121	Computer Systems Analysts
49-2011	Computer, Automated Teller, and Office Machine Repairers
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic
47-4011	Construction and Building Inspectors
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
41-2021	Counter and Rental Clerks
35-3022	Counter Attendants, Cafeteria, Food Concession, and 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
<b>D</b>	
43-9021	Data Entry Keyers
15-1141	Database Administrators
31-9091	Dental Assistants
29-2021	Dental Hygienists

## APPENDIX C

### Arkansas List Sorted by Occupation Title

51-9081	Dental Laboratory Technicians	43-4071	File Clerks
29-1021	Dentists, General	13-2051	Financial Analysts
47-5011	Derrick Operators, Oil and Gas	11-3031	Financial Managers
29-1031	Dietitians and Nutritionists	33-2011	Fire Fighters
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	47-1011	First-Line Supervisors/Managers of Construction Trades and Extraction Workers
21-2021	Directors, Religious Activities and Education	33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers
35-9021	Dishwashers	35-1012	First-Line Supervisors/Managers of Food Preparation and Serving Workers
43-5032	Dispatchers, Except Police, Fire, and Ambulance	53-1021	First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand
53-3031	Driver/Sales Workers	37-1012	First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers
	<b>E</b>	49-1011	First-Line Supervisors/Managers of Mechanics, Installers, and Repairers
27-3041	Editors	41-1012	First-Line Supervisors/Managers of Non-Retail Sales Workers
11-9032	Education Administrators, Elementary and Secondary School	43-1011	First-Line Supervisors/Managers of Office and Administrative Support Workers
11-9033	Education Administrators, Postsecondary	39-1021	First-Line Supervisors/Managers of Personal Service Workers
11-9031	Education Administrators, Preschool and Child Care Center/Program	33-1012	First-Line Supervisors/Managers of Police and Detectives
21-1012	Educational, Vocational, and School Counselors	51-1011	First-Line Supervisors/Managers of Production and Operating Workers
51-2022	Electrical and Electronic Equipment Assemblers	41-1011	First-Line Supervisors/Managers of Retail Sales Workers
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	53-1031	First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators
49-9051	Electrical Power-Line Installers and Repairers	39-9031	Fitness Trainers and Aerobics Instructors
47-2111	Electricians	51-3092	Food Batchmakers
25-2021	Elementary School Teachers, Except Special Education	35-2021	Food Preparation Workers
43-4061	Eligibility Interviewers, Government Programs	35-3041	Food Servers, Nonrestaurant
29-2041	Emergency Medical Technicians and Paramedics	11-9051	Food Service Managers
51-2031	Engine and Other Machine Assemblers		<b>G</b>
25-1123	English Language and Literature Teachers, Postsecondary	11-1021	General and Operations Managers
53-7032	Excavating and Loading Machine and Dragline Operators	45-2041	Graders and Sorters, Agricultural Products
43-6011	Executive Secretaries and Administrative Assistants		
	<b>F</b>		
29-1062	Family and General Practitioners		
11-9013	Farmers, Ranchers, and Other Agricultural Managers		
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse		

## APPENDIX C

### Arkansas List Sorted by Occupation Title

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  
49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and  
Installers  
47-3012 Helpers--Carpenters  
47-3013 Helpers--Electricians  
49-9098 Helpers--Installation, Maintenance, and Repair Workers  
51-9198 Helpers--Production Workers  
47-4051 Highway Maintenance Workers  
31-1011 Home Health Aides  
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop  
43-4081 Hotel, Motel, and Resort Desk Clerks  
43-4161 Human Resources Assistants, Except Payroll and Timekeeping

#### I

17-2112 Industrial Engineers  
49-9041 Industrial Machinery Mechanics  
11-3051 Industrial Production Managers  
53-7051 Industrial Truck and Tractor Operators  
15-1179 Information Security Analysts, Web Developers, and Computer  
Network Architects  
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**  
37-2011 Janitors and Cleaners, Except Maids and Housekeeping  
Cleaners

**K**  
25-2012 Kindergarten Teachers, Except Special Education

**L**  
53-7062 Laborers and Freight, Stock, and Material Movers, Hand  
37-3011 Landscaping and Groundskeeping Workers  
51-6011 Laundry and Dry-Cleaning Workers  
23-1011 Lawyers  
11-1031 Legislators  
25-4021 Librarians  
43-4121 Library Assistants, Clerical  
25-4031 Library Technicians  
29-2061 Licensed Practical and Licensed Vocational Nurses  
33-9092 Lifeguards, Ski Patrol, and Other Recreational Protective  
Service Workers  
43-4131 Loan Interviewers and Clerks  
13-2072 Loan Officers  
45-4022 Logging Equipment Operators  
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  
31-9011 Massage Therapists

## APPENDIX C

### Arkansas List Sorted by Occupation Title

25-1022 Mathematical Science Teachers, Postsecondary  
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  
21-1022 Medical and Public Health Social Workers  
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 and Vocational Education  
  
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

#### N

15-1142 Network and computer systems architects and administrators  
43-4141 New Accounts Clerks  
39-2021 Nonfarm Animal Caretakers  
31-1012 Nursing Aides, Orderlies, and Attendants  
25-1072 Nursing Instructors and Teachers, Postsecondary

#### O

29-9011 Occupational Health and Safety Specialists  
29-1122 Occupational Therapists  
43-9061 Office Clerks, General  
43-9071 Office Machine Operators, Except Computer

47-2073 Operating Engineers & Other Construction Equipment Operators  
51-9083 Ophthalmic Laboratory Technicians  
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  
51-9122 Painters, Transportation Equipment  
41-2022 Parts Salespersons  
43-3051 Payroll and Timekeeping Clerks  
39-9021 Personal and Home Care Aides  
13-2052 Personal Financial Advisors  
37-2021 Pest Control Workers  
29-1051 Pharmacists  
29-2052 Pharmacy Technicians  
31-2021 Physical Therapist Assistants  
29-1123 Physical Therapists  
47-2151 Pipelayers  
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  
51-5112 Printing Press Operators and Job Printers  
21-1092 Probation Officers and Correctional Treatment Specialists  
51-9399 Production Workers, All Other  
43-5061 Production, Planning, and Expediting Clerks  
11-9141 Property, Real Estate, and Community Association Managers  
33-9099 Protective Service Workers, All Other  
31-1013 Psychiatric Aides  
29-2053 Psychiatric Technicians

## APPENDIX C

### Arkansas List Sorted by Occupation Title

27-3031	Public Relations Specialists	51-3023	Slaughterers and Meat Packers
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	11-9151	Social and Community Service Managers
		21-1093	Social and Human Service Assistants
		15-1132	Software Developers, Applications
		15-1133	Software Developers, Systems Software
		25-2053	Special Education Teachers, Middle School
		25-2041	Special Education Teachers, Preschool, Kindergarten, and 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
		21-1011	Substance Abuse and Behavioral Disorder Counselors
		29-2055	Surgical Technologists
		29-2055	Surgical Technologists
		43-2011	Switchboard Operators, Including Answering Service
			<b>T</b>
		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
		39-7011	Tour Guides and Escorts
		13-1151	Training and Development Specialists
		37-3013	Tree Trimmers and Pruners
		53-3032	Truck Drivers, Heavy and Tractor-Trailer
			<b>U</b>
		39-3031	Ushers, Lobby Attendants, and Ticket Takers

## APPENDIX C

### Arkansas List Sorted by Occupation Title

#### V

25-1194 Vocational Education Teachers, Postsecondary  
25-2032 Vocational Education Teachers, Secondary School

#### W

35-3031 Waiters and Waitresses  
51-8031 Water and Liquid Waste Treatment Plant and System Operators  
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.	23.1403	American Literature (Canadian).
30.1601	Accounting and Computer Science.	23.1402	American Literature (United States).
52.0304	Accounting and Finance.	22.0203	American/U.S. Law/Legal Studies/Jurisprudence.
52.0302	Accounting Technology/Technician and Bookkeeping.	27.0103	Analysis and Functional Analysis.
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.
13.1201	Adult and Continuing Education and Teaching.	01.0901	Animal Sciences, General.
51.3803	Adult Health Nurse/Nursing.	01.0999	Animal Sciences, Other.
13.1502	Adult Literacy Tutor/Instructor.	01.0302	Animal/Livestock Husbandry and Production.
51.0502	Advanced General Dentistry.	52.1904	Apparel and Accessories Marketing Operations.
22.0201	Advanced Legal Research/Studies, General.	19.0905	Apparel and Textile Marketing Management.
01.0102	Agribusiness/Agricultural Business Operations.	42.2814	Applied Behavior Analysis.
01.0902	Agricultural Animal Breeding.	45.0602	Applied Economics.
01.0101	Agricultural Business and Management, General.	01.0601	Applied Horticulture/Horticulture Operations, General.
01.0199	Agricultural Business and Management, Other.	27.0301	Applied Mathematics, General.
01.0106	Agricultural Business Technology.	27.0399	Applied Mathematics, Other.
01.0802	Agricultural Communication/Journalism.	01.0303	Aquaculture.
01.0205	Agricultural Mechanics and Equipment/Machine Technology.	04.0801	Architectural History and Criticism, General.
01.0204	Agricultural Power Machinery Operation.	04.0201	Architecture.
01.0301	Agricultural Production Operations, General.	50.0703	Art History, Criticism and Conservation.
01.0399	Agricultural Production Operations, Other.	13.1302	Art Teacher Education.
13.1301	Agricultural Teacher Education.	50.0701	Art/Art Studies, General.
01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.	11.0102	Artificial Intelligence.
01.0308	Agroecology and Sustainable Agriculture.	50.1099	Arts, Entertainment, and Media Management, Other.
01.1102	Agronomy and Crop Science.	50.1001	Arts, Entertainment, and Media Management, General.
47.0608	Aircraft Powerplant Technology/Technician.	51.3502	Asian Bodywork Therapy.
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician.	51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
27.0102	Algebra and Number Theory.	52.0303	Auditing.
47.0614	Alternative Fuel Vehicle Technology/Technician.	47.0603	Autobody/Collision and Repair Technology/Technician.
		47.0604	Automobile/Automotive Mechanics Technology/Technician.
		15.0803	Automotive Engineering Technology/Technician.

## APPENDIX D

### Arkansas List Sorted by CIP Title

#### 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.  
39.0201 Bible/Biblical Studies.  
13.0201 Bilingual and Multilingual Education.  
13.0299 Bilingual, Multilingual, and Multicultural Education, Other.  
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.  
09.0402 Broadcast Journalism.  
46.0415 Building Construction Technology.  
46.0412 Building/Construction Site Management/Manager.  
46.0403 Building/Home/Construction Inspection/Inspector.  
46.0401 Building/Property Maintenance.  
52.0201 Business Administration and Management, General.  
52.1908 Business and Personal/Financial Services Marketing Operations.  
47.0102 Business Machine Repair.  
52.1302 Business Statistics.  
13.1303 Business Teacher Education.  
52.0101 Business/Commerce, General.  
52.0501 Business/Corporate Communications.  
52.0407 Business/Office Automation/Technology/Data Entry.

#### C

48.0703 Cabinetmaking and Millwork.  
22.0204 Canadian Law/Legal Studies/Jurisprudence.  
46.0201 Carpentry/Carpenter.  
46.0413 Carpet, Floor, and Tile Worker.  
50.0711 Ceramic Arts and Ceramics.  
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.  
50.0602 Cinematography and Film/Video Production.  
14.0801 Civil Engineering, General.  
14.0899 Civil Engineering, Other.  
51.2006 Clinical and Industrial Drug Development.  
42.2807 Clinical Child Psychology.  
51.1005 Clinical Laboratory Science/Medical Technology/Technologist.  
51.3820 Clinical Nurse Leader.  
51.3813 Clinical Nurse Specialist.  
51.3102 Clinical Nutrition/Nutritionist.  
51.1506 Clinical Pastoral Counseling/Patient Counseling.  
42.2801 Clinical Psychology.  
51.0719 Clinical Research Coordinator.  
51.2008 Clinical, Hospital, and Managed Care Pharmacy.  
51.0802 Clinical/Medical Laboratory Assistant.  
51.1099 Clinical/Medical Laboratory Science and Allied Professions, Other.  
51.1004 Clinical/Medical Laboratory Technician.  
51.1503 Clinical/Medical Social Work.  
13.1102 College Student Counseling and Personnel Services.

## APPENDIX D

### Arkansas List Sorted by CIP Title

50.0402	Commercial and Advertising Art.	50.0906	Conducting.
50.0406	Commercial Photography.	15.1001	Construction Engineering Technology/Technician.
51.0299	Communication Disorders Sciences and Services, Other.	14.3301	Construction Engineering.
51.0201	Communication Sciences and Disorders, General.	52.2001	Construction Management.
09.0100	Communication, General.	46.0000	Construction Trades, General.
09.9999	Communication, Journalism, and Related Programs, Other.	49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
13.0407	Community College Education.	19.0203	Consumer Merchandising/Retailing Management.
51.2208	Community Health and Preventive Medicine.	12.0500	Cooking and Related Culinary Arts, General.
44.0201	Community Organization and Advocacy.	43.0199	Corrections and Criminal Justice, Other.
22.0206	Comparative Law.	43.0102	Corrections.
16.0104	Comparative Literature.	12.0499	Cosmetology and Related Personal Grooming Arts, Other.
27.0304	Computational and Applied Mathematics.	12.0413	Cosmetology, Barber/Styling, and Nail Instructor.
11.0101	Computer and Information Sciences, General.	12.0401	Cosmetology/Cosmetologist, General.
11.1003	Computer and Information Systems Security/Information Assurance.	50.0510	Costume Design.
14.0901	Computer Engineering, General.	42.2803	Counseling Psychology.
14.0999	Computer Engineering, Other.	13.1101	Counselor Education/School Counseling and Guidance Services.
11.0803	Computer Graphics.	50.0201	Crafts/Craft Design, Folk Art and Artisanry.
47.0104	Computer Installation and Repair Technology/Technician.	23.1302	Creative Writing.
48.0510	Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.	52.0809	Credit Management.
11.0299	Computer Programming, Other.	43.0103	Criminal Justice/Law Enforcement Administration.
11.0202	Computer Programming, Specific Applications.	43.0107	Criminal Justice/Police Science.
11.0203	Computer Programming, Vendor/Product Certification.	43.0104	Criminal Justice/Safety Studies.
11.0201	Computer Programming/Programmer, General.	43.0111	Criminalistics and Criminal Science.
11.0701	Computer Science.	43.0302	Crisis/Emergency/Disaster Management.
14.0903	Computer Software Engineering.	51.3814	Critical Care Nursing.
15.1204	Computer Software Technology/Technician.	43.0119	Critical Incident Response/Special Police Operations.
11.1006	Computer Support Specialist.	43.0303	Critical Infrastructure Protection.
11.0501	Computer Systems Analysis/Analyst.	01.0304	Crop Production.
11.0901	Computer Systems Networking and Telecommunications.	12.0503	Culinary Arts/Chef Training.
13.1321	Computer Teacher Education.	12.0509	Culinary Science/Culinology.
46.0402	Concrete Finishing/Concrete Finisher.	43.0123	Cultural/Archaeological Resources Protection.

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### Arkansas List Sorted by CIP Title

13.0301 Curriculum and Instruction.  
52.0207 Customer Service Management.  
52.0411 Customer Service Support/Call Center/Teleservice Operation.  
43.0116 Cyber/Computer Forensics and Counterterrorism.  
51.1010 Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.  
51.1002 Cytotechnology/Cytotechnologist.

#### D

01.0306 Dairy Husbandry and Production.  
01.0905 Dairy Science.  
50.0301 Dance, General.  
50.0399 Dance, Other.  
11.0601 Data Entry/Microcomputer Applications, General.  
11.0802 Data Modeling/Warehousing and Database Administration.  
51.0601 Dental Assisting/Assistant.  
51.0602 Dental Hygiene/Hygienist.  
51.0603 Dental Laboratory Technology/Technician.  
60.0102 Dental Public Health Residency Program.  
51.0401 Dentistry.  
50.0401 Design and Visual Communications, General.  
42.2703 Developmental and Child Psychology.  
19.0710 Developmental Services Worker.  
47.0605 Diesel Mechanics Technology/Technician.  
51.3199 Dietetics and Clinical Nutrition Services, Other.  
51.3101 Dietetics/Dietitian.  
50.0102 Digital Arts.  
50.0507 Directing and Theatrical Production.  
39.0602 Divinity/Ministry.  
50.0607 Documentary Production.  
01.0504 Dog/Pet/Animal Grooming.  
13.1324 Drama and Dance Teacher Education.

50.0501 Drama and Dramatics/Theatre Arts, General.  
50.0599 Dramatic/Theatre Arts and Stagecraft, Other.  
13.1304 Driver and Safety Teacher Education.  
46.0404 Drywall Installation/Drywaller.

#### E

13.1210 Early Childhood Education and Teaching.  
13.1337 Earth Science Teacher Education.  
52.0208 E-Commerce/Electronic Commerce.  
13.1015 Education/Teaching of Individuals in Early Childhood Special Education Programs.  
13.1018 Education/Teaching of Individuals in Junior High/Middle School Special Education Programs.  
13.1019 Education/Teaching of Individuals in Secondary Special Education Programs.  
13.1014 Education/Teaching of Individuals Who are Developmentally Delayed.  
13.1013 Education/Teaching of Individuals with Autism.  
13.1005 Education/Teaching of Individuals with Emotional Disturbances.  
13.1003 Education/Teaching of Individuals with Hearing Impairments Including Deafness.  
13.1006 Education/Teaching of Individuals with Mental Retardation.  
13.1007 Education/Teaching of Individuals with Multiple Disabilities.  
13.1008 Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.  
13.1011 Education/Teaching of Individuals with Specific Learning Disabilities.  
13.1012 Education/Teaching of Individuals with Speech or Language Impairments.  
13.1016 Education/Teaching of Individuals with Traumatic Brain Injuries.

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### Arkansas List Sorted by CIP Title

13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.	19.0202	Family and Consumer Sciences/Human Sciences Communication.
13.0401	Educational Leadership and Administration, General.	19.0101	Family and Consumer Sciences/Human Sciences, General.
13.0404	Educational, Instructional, and Curriculum Supervision.	60.0413	Family Medicine Residency Program.
13.0501	Educational/Instructional Technology.	51.3805	Family Practice Nurse/Nursing.
46.0301	Electrical and Power Transmission Installation/Installer, General.	01.0104	Farm/Farm and Ranch Management.
46.0399	Electrical and Power Transmission Installers, Other.	52.1902	Fashion Merchandising.
46.0302	Electrician.	50.0407	Fashion/Apparel Design.
12.0404	Electrolysis/Electrology and Electrolysis Technician.	50.0712	Fiber, Textile and Weaving Arts.
14.4101	Electromechanical Engineering.	50.0601	Film/Cinema/Video Studies.
13.0408	Elementary and Middle School Administration/Principalship.	50.0699	Film/Video and Photographic Arts, Other.
13.1202	Elementary Education and Teaching.	52.0899	Finance and Financial Management Services, Other.
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).	52.0801	Finance, General.
51.3816	Emergency Room/Trauma Nursing.	43.0117	Financial Forensics and Fraud Investigation.
22.0207	Energy, Environment, and Natural Resources Law.	27.0305	Financial Mathematics.
47.0615	Engine Machinist.	52.0804	Financial Planning and Services.
15.1501	Engineering/Industrial Management.	50.1002	Fine and Studio Arts Management.
23.0101	English Language and Literature, General.	50.0799	Fine Arts and Art Studies, Other.
23.9999	English Language and Literature/Letters, Other.	50.0702	Fine/Studio Arts, General.
23.1404	English Literature (British and Commonwealth).	43.0201	Fire Prevention and Safety Technology/Technician.
13.1305	English/Language Arts Teacher Education.	43.0299	Fire Protection, Other.
52.0701	Entrepreneurship/Entrepreneurial Studies.	43.0203	Fire Science/Fire-fighting.
04.0401	Environmental Design/Architecture.	43.0202	Fire Services Administration.
13.1338	Environmental Education.	49.0207	Flagging and Traffic Control.
51.2202	Environmental Health.	01.0608	Floriculture/Floristry Operations and Management.
52.0402	Executive Assistant/Executive Secretary.	12.0505	Food Preparation/Professional Cooking/Kitchen Assistant.
		12.0507	Food Service, Waiter/Waitress, and Dining Room Management/Manager.
		19.0599	Foods, Nutrition, and Related Services, Other.
		19.0501	Foods, Nutrition, and Wellness Studies, General.
		19.0505	Foodservice Systems Administration/Management.
13.1308	Family and Consumer Sciences/Home Economics Teacher Education.	13.1306	Foreign Language Teacher Education.
		16.0101	Foreign Languages and Literatures, General.

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### Arkansas List Sorted by CIP Title

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, and Related Marketing Operations, Other.  
52.0408 General Office Occupations and Clerical Services.  
13.1332 Geography Teacher Education.  
27.0104 Geometry/Geometric Analysis.  
14.0802 Geotechnical and Geoenvironmental Engineering.  
51.3821 Geriatric Nurse/Nursing.  
13.1326 German Language Teacher Education.  
16.0500 Germanic Languages, Literatures, and Linguistics, General.  
42.2809 Geropsychology.  
46.0406 Glazier.  
31.0302 Golf Course Operation and Grounds Management.  
10.0305 Graphic and Printing Equipment Operator, General Production.  
10.0399 Graphic Communications, Other.  
50.0409 Graphic Design.  
01.0604 Greenhouse Operations and Management.

#### H

12.0407 Hair Styling/Stylist and Hair Design.  
51.2601 Health Aide.  
31.0501 Health and Physical Education/Fitness, General.  
09.0905 Health Communication.  
51.0706 Health Information/Medical Records Administration/Administrator.  
51.0707 Health Information/Medical Records Technology/Technician.

22.0208 Health Law.  
13.1327 Health Occupations Teacher Education.  
44.0503 Health Policy Analysis.  
51.2211 Health Services Administration.  
13.1307 Health Teacher Education.  
51.0704 Health Unit Manager/Ward Supervisor.  
51.0701 Health/Health Care Administration/Management.  
51.0715 Health/Medical Claims Examiner.  
42.2810 Health/Medical Psychology.  
47.0201 Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.  
15.0501 Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician.  
47.0302 Heavy Equipment Maintenance Technology/Technician.  
51.1003 Hematology Technology/Technician.  
47.0617 High Performance and Custom Engine Technician/Mechanic.  
13.0406 Higher Education/Higher Education Administration.  
51.1008 Histologic Technician.  
51.1007 Histologic Technology/Histotechnologist.  
13.1328 History Teacher Education.  
54.0101 History, General.  
51.2602 Home Health Aide/Home Attendant.  
43.0301 Homeland Security.  
01.0307 Horse Husbandry/Equine Science and Management.  
01.1103 Horticultural Science.  
51.0702 Hospital and Health Care Facilities Administration/Management.  
52.0901 Hospitality Administration/Management, General.  
52.0909 Hotel, Motel, and Restaurant Management.  
52.0904 Hotel/Motel Administration/Management.  
19.0504 Human Nutrition.  
52.1005 Human Resources Development.

## APPENDIX D

### Arkansas List Sorted by CIP Title

52.1001 Human Resources Management/Personnel Administration, General.

44.0000 Human Services, General.

#### I

51.2009 Industrial and Physical Pharmacy and Cosmetic Sciences.

50.0404 Industrial and Product Design.

47.0105 Industrial Electronics Technology/Technician.

14.3501 Industrial Engineering.

47.0303 Industrial Mechanics and Maintenance Technology.

15.0703 Industrial Safety Technology/Technician.

11.0104 Informatics.

52.1206 Information Resources Management.

11.0401 Information Science/Studies.

11.1005 Information Technology Project Management.

11.0103 Information Technology.

12.0508 Institutional Food Workers.

46.0414 Insulator.

52.1701 Insurance.

22.0212 Intellectual Property Law.

50.0706 Intermedia/Multimedia.

09.0907 International and Intercultural Communication.

22.0210 International Business, Trade, and Tax Law.

52.1101 International Business/Trade/Commerce.

52.0806 International Finance.

22.0209 International Law and Legal Studies.

52.1403 International Marketing.

52.0807 Investments and Securities.

#### J

50.0910 Jazz/Jazz Studies.

09.0401 Journalism.

13.1203 Junior 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.

39.0705 Lay Ministry.

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.

38.0102 Logic.

52.0203 Logistics, Materials, and Supply Chain Management.

51.0718 Long Term Care Administration/Management.

## APPENDIX D

### Arkansas List Sorted by CIP Title

#### M

48.0503	Machine Shop Technology/Assistant.	51.0705	Medical Office Management/Administration.
48.0501	Machine Tool Technology/Machinist.	51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
51.0920	Magnetic Resonance Imaging (MRI) Technology/Technician.	51.0712	Medical Reception/Receptionist.
12.0406	Make-Up Artist/Specialist.	51.0801	Medical/Clinical Assistant.
51.0919	Mammography Technician/Technology.	51.0711	Medical/Health Management and Clinical Assistant/Specialist.
52.1201	Management Information Systems, General.	51.2004	Medicinal and Pharmaceutical Chemistry.
52.1301	Management Science.	51.1201	Medicine.
14.3601	Manufacturing Engineering.	47.0613	Medium/Heavy Vehicle and Truck Technology/Technician.
43.0122	Maritime Law Enforcement.	51.1508	Mental Health Counseling/Counselor.
52.1402	Marketing Research.	52.1802	Merchandising and Buying Operations.
52.1499	Marketing, Other.	50.0713	Metal and Jewelry Arts.
52.1401	Marketing/Marketing Management, General.	48.0511	Metal Fabricator.
46.0101	Mason/Masonry.	15.0901	Mining Technology/Technician.
09.0102	Mass Communication/Media Studies.	39.0301	Missions/Missionary Studies and Missiology.
51.3501	Massage Therapy/Therapeutic Massage.	49.0206	Mobil Crane Operation/Operator.
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.	11.0804	Modeling, Virtual Environments and Simulation.
27.0306	Mathematical Biology.	13.0202	Multicultural Education.
27.0502	Mathematical Statistics and Probability.	50.0902	Music History, Literature, and Theory.
27.9999	Mathematics and Statistics, Other.	50.1003	Music Management.
27.0503	Mathematics and Statistics.	50.0912	Music Pedagogy.
13.1311	Mathematics Teacher Education.	50.0903	Music Performance, General.
27.0101	Mathematics, General.	13.1312	Music Teacher Education.
27.0199	Mathematics, Other.	50.0913	Music Technology.
12.0506	Meat Cutting/Meat Cutter.	50.0904	Music Theory and Composition.
14.1901	Mechanical Engineering.	50.0901	Music, General.
51.0716	Medical Administrative/Executive Assistant and Medical Secretary.	50.0999	Music, Other.
51.2706	Medical Informatics.	50.0509	Musical Theatre.
51.0713	Medical Insurance Coding Specialist/Coder.	50.0905	Musicology and Ethnomusicology.
51.0714	Medical Insurance Specialist/Medical Biller.		
51.0710	Medical Office Assistant/Specialist.		
51.0709	Medical Office Computer Specialist/Assistant.		

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### Arkansas List Sorted by CIP Title

#### N

51.2005 Natural Products Chemistry and Pharmacognosy.  
03.0208 Natural Resources Law Enforcement and Protective Services.  
11.1001 Network and System Administration/Administrator.  
52.0206 Non-Profit/Public/Organizational Management.  
51.3804 Nurse Anesthetist.  
51.3807 Nurse Midwife/Nursing Midwifery.  
51.3802 Nursing Administration.  
51.3902 Nursing Assistant/Aide and Patient Care Assistant/Aide.  
51.3817 Nursing Education.  
51.3818 Nursing Practice.  
51.3808 Nursing Science.  
30.1901 Nutrition Sciences.

#### O

51.3815 Occupational and Environmental Health Nursing.  
51.2206 Occupational Health and Industrial Hygiene.  
15.0701 Occupational Safety and Health Technology/Technician.  
51.2306 Occupational Therapy/Therapist.  
52.0204 Office Management and Supervision.  
52.0205 Operations Management and Supervision.  
51.1006 Ophthalmic Laboratory Technology/Technician.  
51.1701 Optometry.  
52.1003 Organizational Behavior Studies.  
52.0213 Organizational Leadership.  
01.0603 Ornamental Horticulture.  
51.1901 Osteopathic Medicine/Osteopathy.

#### P

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.  
60.0106 Pediatric Dentistry Residency Program.  
51.0509 Pediatric Dentistry/Pedodontics.  
51.3809 Pediatric Nurse/Nursing.  
50.0916 Percussion Instruments.  
51.3812 Perioperative/Operating Room and Surgical Nurse/Nursing.  
12.0411 Permanent Cosmetics/Makeup and Tattooing.  
51.2011 Pharmaceutical Marketing and Management.  
51.2010 Pharmaceutical Sciences.  
51.2003 Pharmaceutics and Drug Design.  
51.2007 Pharmacoeconomics/Pharmaceutical Economics.  
51.2002 Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.  
51.0805 Pharmacy Technician/Assistant.  
51.2001 Pharmacy.  
50.0605 Photography.  
13.1314 Physical Education Teaching and Coaching.  
31.0507 Physical Fitness Technician.  
40.0101 Physical Sciences.  
51.0806 Physical Therapy Technician/Assistant.  
51.2308 Physical Therapy/Therapist.  
13.1329 Physics Teacher Education.  
40.0801 Physics, General.  
46.0502 Pipefitting/Pipefitter and Sprinkler Fitter.  
01.0606 Plant Nursery Operations and Management.  
01.1105 Plant Protection and Integrated Pest Management.  
01.1101 Plant Sciences, General.

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### Arkansas List Sorted by CIP Title

50.0504 Playwriting and Screenwriting.  
46.0599 Plumbing and Related Water Supply Services, Other.  
46.0503 Plumbing Technology/Plumber.  
09.0904 Political Communication.  
01.0907 Poultry Science.  
51.3999 Practical Nursing, Vocational Nursing and Nursing Assistants, Other.  
  
39.0604 Pre-Theology/Pre-Ministerial Studies.  
10.0302 Printing Management.  
10.0307 Printing Press Operator.  
50.0710 Printmaking.  
23.1303 Professional, Technical, Business, and Scientific Writing.  
22.0202 Programs for Foreign Lawyers.  
52.0211 Project Management.  
43.0120 Protective Services Operations.  
51.3810 Psychiatric/Mental Health Nurse/Nursing.  
51.1502 Psychiatric/Mental Health Services Technician.  
51.1507 Psychoanalysis and Psychotherapy.  
13.1335 Psychology Teacher Education.  
42.0101 Psychology, General.  
44.0401 Public Administration.  
52.0808 Public Finance.  
51.2201 Public Health, General.  
51.3811 Public Health/Community Nurse/Nursing.  
44.0501 Public Policy Analysis, General.  
09.0900 Public Relations, Advertising, and Applied Communication.  
09.0902 Public Relations/Image Management.  
09.1001 Publishing.  
52.0202 Purchasing, Procurement/Acquisitions and Contracts Management.

#### Q

15.0702 Quality Control Technology/Technician.

#### R

39.0605 Rabbinical Studies.  
09.0701 Radio and Television.  
51.0911 Radiologic Technology/Science - Radiographer.  
49.0208 Railroad and Railway Transportation.  
01.1106 Range Science and Management.  
13.1315 Reading Teacher Education.  
04.1001 Real Estate Development.  
52.1501 Real Estate.  
52.0406 Receptionist.  
47.0618 Recreation Vehicle (RV) Service Technician.  
51.3899 Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.  
51.3801 Registered Nursing/Registered Nurse.  
39.0401 Religious Education.  
52.0210 Research and Development Management.  
45.0102 Research Methodology and Quantitative Methods.  
51.0908 Respiratory Care Therapy/Therapist.  
12.0504 Restaurant, Culinary, and Catering Management/Manager.  
52.0905 Restaurant/Food Services Management.  
52.0212 Retail Management.  
52.1803 Retailing and Retail Operations.  
23.1304 Rhetoric and Composition.  
23.1399 Rhetoric and Composition/Writing Studies, Other.  
16.0900 Romance Languages, Literatures, and Linguistics, General.  
46.0410 Roofer.

#### S

13.1310 Sales and Marketing Operations/Marketing and Distribution Teacher Education.  
52.1801 Sales, Distribution, and Marketing Operations, General.  
12.0412 Salon/Beauty Salon Management/Manager.  
13.1334 School Librarian/School Library Media Specialist.

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### Arkansas List Sorted by CIP Title

42.2805	School Psychology.		
13.1316	Science Teacher Education/General Science Teacher Education.		
50.0709	Sculpture.		
13.1205	Secondary Education and Teaching.		
13.0409	Secondary School Administration/Principalship.		
52.1804	Selling Skills and Sales Operations.		
13.1317	Social Science Teacher Education.		
45.0101	Social Sciences, General.		
13.1318	Social Studies Teacher Education.		
44.0799	Social Work, Other.		
44.0701	Social Work.		
51.3503	Somatic Bodywork.		
16.0905	Spanish Language and Literature.		
13.1330	Spanish Language Teacher Education.		
13.1001	Special Education and Teaching, General.		
52.1909	Special Products Marketing Operations.		
09.0101	Speech Communication and Rhetoric.		
13.1331	Speech Teacher Education.		
51.0203	Speech-Language Pathology/Pathologist.		
31.0504	Sport and Fitness Administration/Management.		
09.0906	Sports Communication.		
27.0501	Statistics, General.		
27.0599	Statistics, Other.		
51.1012	Sterile Processing Technology/Technician.		
50.0911	Stringed Instruments.		
14.0803	Structural Engineering.		
13.1199	Student Counseling and Personnel Services, Other.		
51.1501	Substance Abuse/Addiction Counseling.		
13.0411	Superintendency and Educational System Administration.		
51.0909	Surgical Technology/Technologist.		
11.1002	System, Networking, and LAN/WAN Management/Manager.		
		<b>T</b>	
22.0211	Tax Law/Taxation.		
52.1601	Taxation.		
13.1501	Teacher Assistant/Aide.		
13.1206	Teacher Education, Multiple Levels.		
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.		
09.0908	Technical and Scientific Communication.		
13.1319	Technical Teacher Education.		
50.0502	Technical Theatre/Theatre Design and Technology.		
13.1309	Technology Teacher Education/Industrial Arts Teacher Education.		
52.2101	Telecommunications Management.		
43.0304	Terrorism and Counterterrorism Operations.		
50.0505	Theatre Literature, History and Criticism.		
50.1004	Theatre/Theatre Arts Management.		
39.0699	Theological and Ministerial Studies, Other.		
39.0601	Theology/Theological Studies.		
27.0105	Topology and Foundations.		
13.1320	Trade and Industrial Teacher Education.		
52.0410	Traffic, Customs, and Transportation Clerk/Technician.		
14.0804	Transportation and Highway Engineering.		
49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.		
01.0607	Turf and Turfgrass Management.		
		<b>U</b>	
39.0703	Urban Ministry.		
		<b>V</b>	
52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations.		

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### Arkansas List Sorted by CIP Title

47.0612 Vehicle Emissions Inspection and Maintenance  
Technology/Technician.  
47.0600 Vehicle Maintenance and Repair Technologies, General.  
50.0101 Visual and Performing Arts, General.  
50.9999 Visual and Performing Arts, Other.  
01.0309 Viticulture and Enology.  
50.0908 Voice and Opera.

#### W

15.0506 Water Quality and Wastewater Treatment Management  
and Recycling Technology/Technician.  
14.0805 Water Resources Engineering.  
11.0801 Web Page, Digital/Multimedia and Information Resources  
Design.  
15.0614 Welding Engineering Technology/Technician.

48.0508 Welding Technology/Welder.  
46.0504 Well Drilling/Driller.  
43.0206 Wildland/Forest Firefighting and Investigation.  
12.0510 Wine Steward/Sommelier.  
51.3822 Women's Health Nurse/Nursing.  
39.0704 Women's Ministry.  
50.0915 Woodwind Instruments.  
23.1301 Writing, General.

#### Y

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