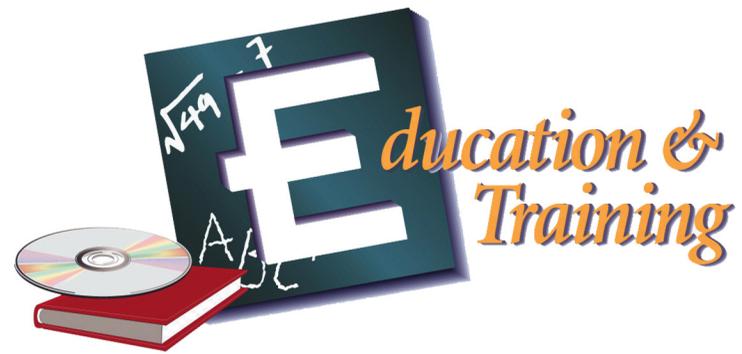


# Career Clusters

Education & Training is one of the 16 Career Clusters identified by the U.S. Department of Education and adopted by the State of Alabama. These Career Clusters represent more than 79 career pathways with the purpose of assisting students in navigating their way successfully in college and careers.

The Alabama Department of Labor further defines these career pathways by selecting common occupations with related education requirements, work experience, wages and typical training needed, as defined by the U.S. Bureau of Labor Statistics. Included in this pamphlet are the high skilled, high demand, and high wage occupations associated with Education & Training.



Planning, managing and providing education and training services, and related learning support services.

# Employment

Occupation	TOTAL EMPLOYMENT		Average Annual Openings
	2012	2022	
Childcare Workers	16,520	19,570	790
Library Technicians	1,020	1,100	65
Preschool Teachers, Except Special Education	2,880	3,440	135
Teacher Assistants	9,100	9,840	280
Education Administrators, Preschool and Child Care Center/Program	320	370	15
Adult Basic and Secondary Education and Literacy Teachers and Instructors	810	880	20
Education Administrators, Elementary and Secondary School	3,070	3,220	95
Education Administrators, Postsecondary Educational, Guidance, School, and Vocational Counselors	2,100	2,390	85
Nursing Instructors and Teachers, Postsecondary	2,990	3,320	95
Librarians	1,370	1,830	65
Instructional Coordinators	1,780	1,880	50
Postsecondary Teachers	1,110	1,190	20
Biological Science Teachers, Postsecondary	18,810	22,510	655
Health Specialties Teachers, Postsecondary	1,730	2,460	100
Health Specialties Teachers, Postsecondary	2,460	3,310	120

# Education

Work Experience Job Training

## HIGH SCHOOL OR LESS

Childcare Workers

## SOME COLLEGE - ASSOCIATE'S DEGREE

Library Technicians   
 Preschool Teachers, Except Special Education   
 Teacher Assistants

## BACHELOR'S DEGREE AND ABOVE

Education Administrators, Preschool and Child Care Center/Program   
 Adult Basic and Secondary Education and Literacy Teachers and Instructors   
 Education Administrators, Elementary and Secondary School   
 Education Administrators, Postsecondary Educational, Guidance, School, and Vocational Counselors   
 Nursing Instructors and Teachers, Postsecondary   
 Librarians   
 Instructional Coordinators   
 Biological Science Teachers, Postsecondary   
 Health Specialties Teachers, Postsecondary

Typical On-the-Job Training Needed to Attain Competency	Work Experience in a Related Occupation
None	More than 5 years
Short-term On-the-Job Training	1 to 5 years
Moderate-term On-the-Job Training	Less than 1 year
Long-term On-the-Job Training	None
Apprenticeship	
Internship/Residency	

# Earnings

Occupation	SALARY		
	Entry	Average	Experienced
Childcare Workers	\$16,783	\$18,368	\$19,161
Library Technicians	\$19,663	\$27,988	\$32,151
Preschool Teachers, Except Special Education	\$18,915	\$27,701	\$32,095
Teacher Assistants	\$16,893	\$19,376	\$20,618
Education Administrators, Preschool and Child Care Center/Program	\$33,753	\$61,294	\$75,064
Adult Basic and Secondary Education and Literacy Teachers and Instructors	\$28,840	\$43,505	\$50,837
Education Administrators, Elementary and Secondary School	\$61,900	\$77,884	\$85,876
Education Administrators, Postsecondary Educational, Guidance, School, and Vocational Counselors	\$54,286	\$95,037	\$115,413
Nursing Instructors and Teachers, Postsecondary	\$33,826	\$50,816	\$59,311
Librarians	\$42,943	\$66,658	\$78,516
Instructional Coordinators	\$39,346	\$52,338	\$58,834
Postsecondary Teachers	\$44,672	\$65,054	\$75,244
Biological Science Teachers, Postsecondary	\$26,996	\$72,499	\$95,251
Health Specialties Teachers, Postsecondary	\$55,900	\$124,456	\$158,734
Health Specialties Teachers, Postsecondary	\$50,571	\$108,163	\$136,959

# Career Snapshot

The occupations reporting the highest average salaries require a Bachelor's degree or higher. These occupations include Biological Science Teachers, Postsecondary; Health Specialties Teachers, Postsecondary; and Education Administrators, Postsecondary. Health Specialties Teachers, Postsecondary, are required to have 1 to 5 years of experience and Education Administrators, Postsecondary, are required to have more than 5 years of experience in a related occupation.

The occupations reporting the highest average annual openings include Childcare Workers, Postsecondary Teachers, and Teacher Assistants. Childcare Workers require a high school degree or less and short-term on-the-job training. Teacher Assistants only require some college to an Associate's degree for entry into the occupation.

Occupation(s) also noted as High Demand: Nursing Instructors & Teachers, Postsecondary; Biological Science Teachers, Postsecondary\*\*; and Health Specialties Teachers, Postsecondary\*\*  
 \*\*Also noted as Fast Growing Occupations

# Career Clusters

Agriculture, Food & Natural Resources

Architecture & Construction

Arts, A/V Technology & Communications

Business Management & Administration

Education & Training

Finance

Government & Public Administration

Health Science

Hospitality & Tourism

Human Services

Information Technology

Law, Public Safety, Corrections & Security

Manufacturing

Marketing, Sales & Service

Science, Technology, Engineering & Mathematics

Transportation, Distribution & Logistics

For more information regarding  
Career Clusters, visit:  
[www.careertech.org/career-clusters](http://www.careertech.org/career-clusters)  
[www.altechprep.org/clusters.html](http://www.altechprep.org/clusters.html)

For Occupational Videos, visit:  
[www2.labor.alabama.gov/videos](http://www2.labor.alabama.gov/videos)

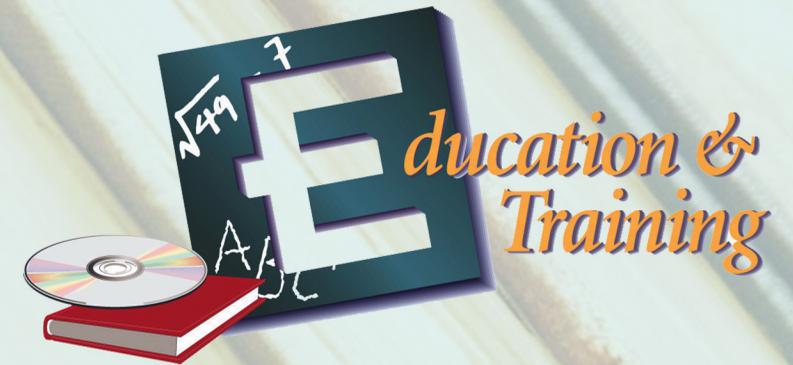


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[www.labor.alabama.gov/lmi](http://www.labor.alabama.gov/lmi)

\*Average Annual Salary Source:  
Wage data based on the May 2014 OES Employment & Wage File,  
In partnership with the Alabama Department of Education  
Career and Technical Education Section.

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A glance into the world of...



Alabama Department of Labor  
Labor Market Information Division

