



Education

Industry Definition

The educational services industry is comprised of establishments providing instruction and training in a wide variety of subjects. Instruction is provided by specialized establishments such as schools, colleges, universities, and training centers. Ownership and operation may be public, or private for profit or not for profit. Establishments include elementary and secondary schools, colleges (including junior and community colleges), universities, professional schools, business schools, computer and management training, technical and trade schools, fine art, sports, and language schools, as well as educational support services such as consulting, guidance counseling, and testing services.

Industry Profile

In all, educational services contain 17 separate sub-sectors engaged in instruction and training. Nationwide, 1.0% of firms fall into the educational services industry, while the sector accounts for 2.0% of employment and 1.7% of wages. Colleges and universities make up the largest percentage of employment in educational services (46.7%), followed by elementary and secondary schools (27.5%). Technical and trade schools account for 4.7% of industry employment, while junior (community) colleges make up 2.0%.

Industry Trends

Educational services contribute to about 2.2 million jobs in the U.S. economy and make up more than 81,000 establishments with \$83 billion in wages. The U.S. Bureau of Labor Statistics projects industry employment to expand by 1.9% annually between 2006 and 2016. This makes educational services the third fastest growing aggregate sector in the economy behind health care and professional and business services, and expanding at nearly twice the national rate. Within the sector employment in other educational services, which includes computer training, technical and trade schools, academic tutoring services, and educational testing services, is projected to grow 2.8%

annually from 2006 to 2016. Colleges, universities, and professional schools, and elementary and secondary schools are expected to grow at 1.7% annually. Factors influencing growth in education include a rise in continuing education enrollment as more adults enhance or update skills, the children of the baby boom generation reaching college age, and the adaptation of the education system to the requirements of Federal education standards and legislation. The sector also faces high rates of turnover as a large portion of its workforce is set to retire.

Local Occupational Trends

Given its high population growth rate and large percentage of school-age children, occupations in educational services are expected to grow 48.1% in the Greater Phoenix region between 2004 and 2014. Occupations in special education (at all K-12 levels) are expected to grow at the fastest rates, increasing 44-64% between 2004 and 2014. This is followed by kindergarten teachers (53.7%), elementary (51.5%), postsecondary (48.5%), secondary (48.1%) teachers. Teacher assistant, which is often considered a gateway occupation into the teaching profession, is forecasted to grow 46.1% between 2004 and 2014. Turnover in the educational services sector in Greater Phoenix is greatest among kindergarten, preschool, self-enrichment, adult literacy, criminal justice, and special education teachers.

About the Maricopa County Community College District (MCCCD)

The Maricopa Community Colleges comprise 10 colleges, 2 skill centers and numerous education centers dedicated to educational excellence, meeting the needs of businesses and the citizens of Maricopa County. Each college is individually accredited, yet part of a larger system — the Maricopa County Community College District. There are approximately 1,000 occupational programs (Associate of Applied Science degrees – AAS and certificates - CERT), 50 academic programs, and 10,593 courses available for offering. For specific information on your program of interest, please visit <http://www.maricopa.edu/academic/curric/>. In addition to the following occupational program list, academic programs related to this industry cluster may be found at this website.

The following programs are those currently available for offering within the 10 community colleges and two skill centers of the Maricopa Community Colleges district. Programs are grouped into broad occupational areas as requested by the colleges, then analyzed by the Center for Workforce Development for inclusion in the Education industry cluster. For specific program information, contact the college(s) listed as participating institutions.

For more information about the
Maricopa Community Colleges, please visit:
<http://www.maricopa.edu>

College/ Skill Center	Program
Chandler-Gilbert	Elementary Education
Estrella Mountain	Elementary Education, Teacher Assisting
GateWay	Elementary Education, Teacher Assisting
Glendale	Early Childhood Administration and Management, Early Childhood Education, Elementary Education, Parent Education
Mesa	Bilingual Endorsement, Early Care and Education, Early Care Specialist, Early Childhood Administration and Management, Elementary Education, ESL Endorsement, Instructional Assistance, Library Information Technology, Library Information Technology: Advanced, Library Information Technology: Basic, Library Information Technology: Practitioners, Library Information Technology: School Library Media Center, Parent Education, Reading Specialist Endorsement
Paradise Valley	Early Childhood Education, Elementary Education
Phoenix	Bilingual Endorsement, Curriculum for Young Children, Early Childhood Classroom Management, Early Childhood Education and Administration, Elementary Education, ESL Endorsement, Instructional Assistance
Rio Salado	Early Childhood Administration and Management, Early Childhood Education, Elementary Education, Parent Education
Scottsdale	Early Childhood Development, Infant/Toddler Development, Elementary Education, Parent Education
South Mountain	Early Childhood Administration and Management, Early Childhood Development, Early Childhood Development: Montessori, Elementary Education

2008-2009 Sources: U.S. Bureau of Labor Statistics, Arizona Department of Commerce, Minnesota IMPLAN Group, States' Career Clusters Initiative (SCCI), and the Maricopa Community Colleges Center for Curriculum Transfer and Articulation.