

EDUCATING THE WORKFORCE OF THE FUTURE

Since 1973, the number of jobs that require at least some college has more than tripled, while those requiring a high school diploma or less have flatlined.

A collaboration between GOOD and Hyperakt, in partnership with University of Phoenix.

BACHELOR'S AND ABOVE

ASSOCIATE'S OR TRADE SCHOOL

HIGH SCHOOL DIPLOMA OR LESS

GROWING AND DECLINING JOBS AND THEIR EARNING POTENTIAL

▶ Bachelor's or above
 ▶ Associate's or some college
 ▶ High School diploma or less

HIGHEST GROWTH / LOWER WAGES

(Highest Median Wages as of May 2008: \$55,000)

- ▶ Home health aids
- ▶ Personal and home care aides
- ▶ Skin care specialists
- ▶ Physical therapist aides
- ▶ Veterinary technologists and technicians
- ▶ Dental assistants
- ▶ Medical assistants
- ▶ Physical therapist assistants
- ▶ Self-enrichment education teachers
- ▶ Compliance officers*

LOWEST GROWTH / LOWEST WAGES

(Highest Median Wages as of May 2008: \$26,200)

- ▶ Extruding and forming machine setters, operators, and tenders, synthetic and glass fibers
- ▶ Semiconductor processors
- ▶ Postal Service mail sorters, processors, and machine operators
- ▶ Wellhead pumpers
- ▶ Fabric and apparel patternmakers
- ▶ Drilling and boring machine tool setters, operators, and tenders
- ▶ Lathes and turning machine tool setters, operators, and tenders
- ▶ Order clerks
- ▶ Derrick operators, oil and gas
- ▶ Desktop publishers

HIGHEST GROWTH / HIGHER WAGES

(Highest Median Wages as of May 2008: \$65,430)

- ▶ Biomedical engineers
- ▶ Network systems and data communications analysts
- ▶ Financial examiners
- ▶ Medical scientists, except epidemiologists
- ▶ Physician assistants
- ▶ Biochemists and biophysicists
- ▶ Athletic trainers
- ▶ Dental hygienists
- ▶ Computer software engineers, applications
- ▶ Veterinarians

LOWEST GROWTH / HIGHEST WAGES

(Highest Median Wages as of May 2008: \$50,020)

- ▶ Shoe machine operators and tenders
- ▶ Photographic processing machine operators
- ▶ File clerks
- ▶ Coil winders, tapers, and finishers
- ▶ Sewing machine operators
- ▶ Fabric menders, except garment
- ▶ Textile bleaching and dyeing machine operators and tenders
- ▶ Textile winding, twisting, and drawing out machine setters, operators, and tenders
- ▶ Textile knitting and weaving machine setters, operators, and tenders
- ▶ Textile cutting machine setters, operators, and tenders

1973

91 MILLION WORKERS

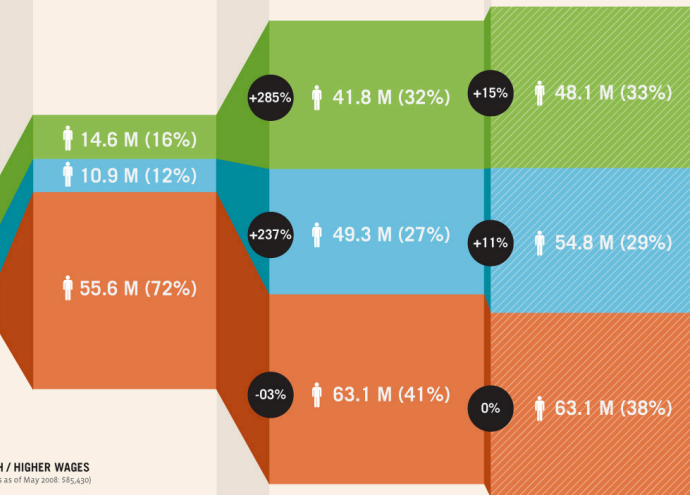
2007

154 MILLION WORKERS

PROJECTED

2018

166 MILLION WORKERS



60%

OF JOBS (AND GROWING) REQUIRE AT LEAST AN ASSOCIATE'S DEGREE



BUT ONLY

40%

OF AMERICANS OBTAIN AN A.A. OR B.A. BY THE AGE OF 27



PREPARING TO JOIN THE AMERICAN WORKFORCE

62% MORE STUDENTS ARE ENROLLED IN POSTSECONDARY DEGREE-GRANTING INSTITUTIONS NOW THAN 30 YEARS AGO

1980: 12.1 MILLION
2009: 19.6 MILLION

BUT

"ON TIME" COMPLETION RATES ARE ALARMINGLY LOW



SOURCES

Bureau of Labor Statistics Occupational Employment Statistics and Division of Occupational Outlook

IES National Center for Education Statistics, U.S. Department of Education Institute of Education Sciences, Digest of Education Statistics, Table 2: Enrollment in educational institutions, by level and control of institution: Selected years, fall 1980 through fall 2009

Pathways to Prosperity Report, Harvard Graduate School of Education, February 2011