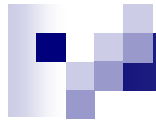




Education Oversight Committee

December 5, 2007



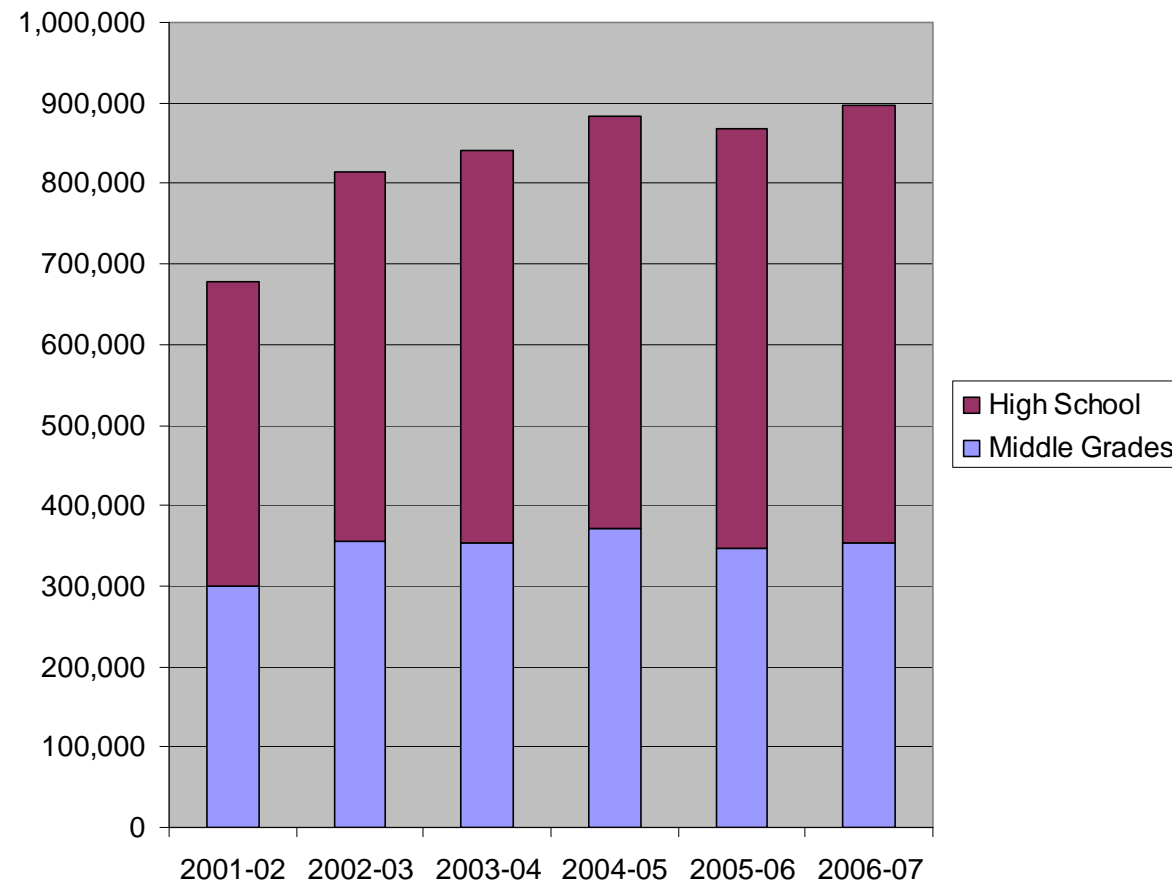


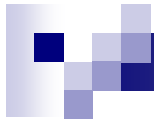
Performance Requirements

- Show OSHA Certification Prior to Event
- Analyze a Project Drawing
- Write an Action Plan
- Perform Skills in
 - ☐ Residential Carpentry
 - ☐ Plumbing
 - ☐ Electricity
 - ☐ Masonry
- Professionally Present Team Project

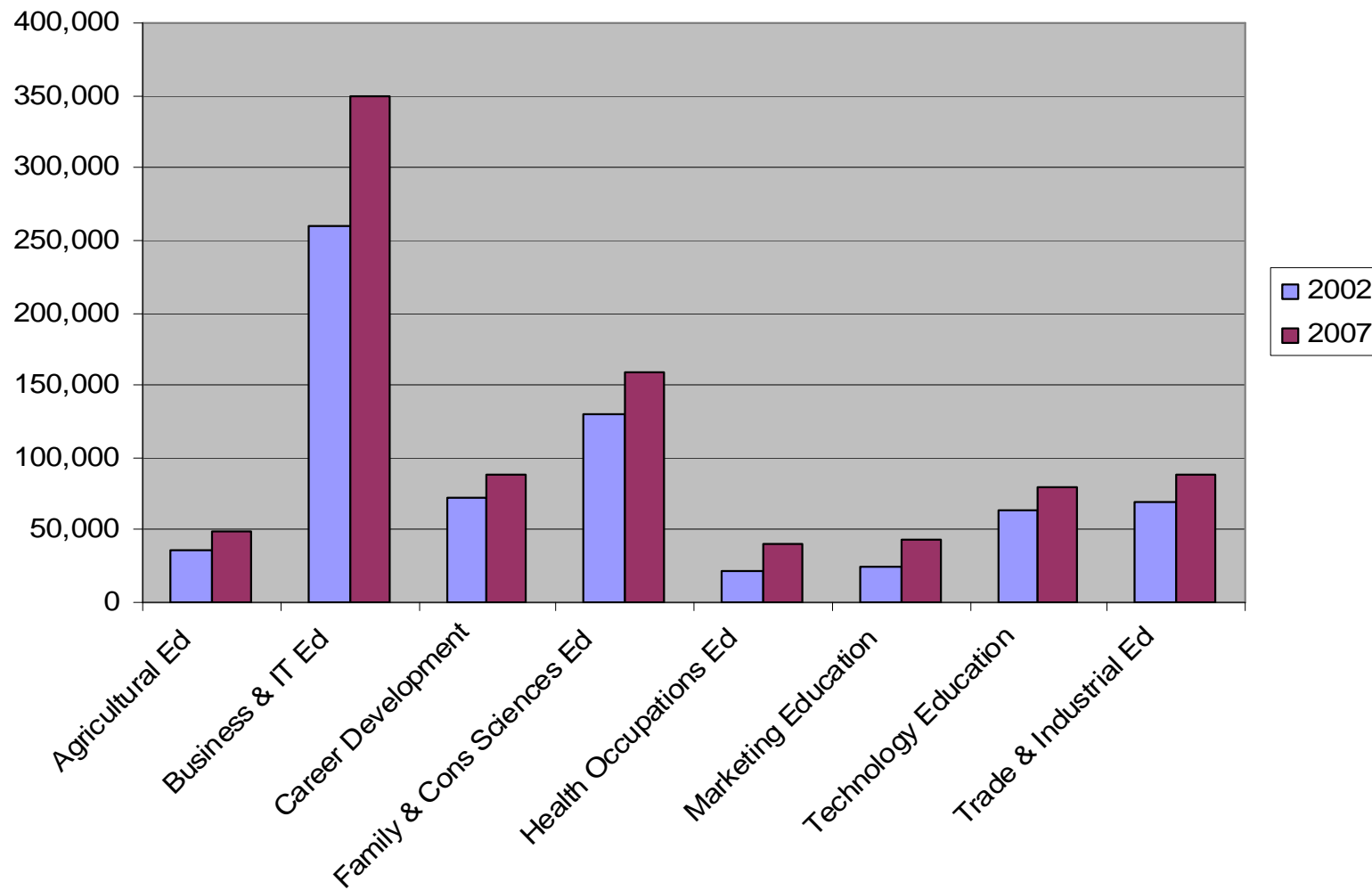
Enrollment Trends

High School and Middle School
2001 – 2002 to 2006 - 2007

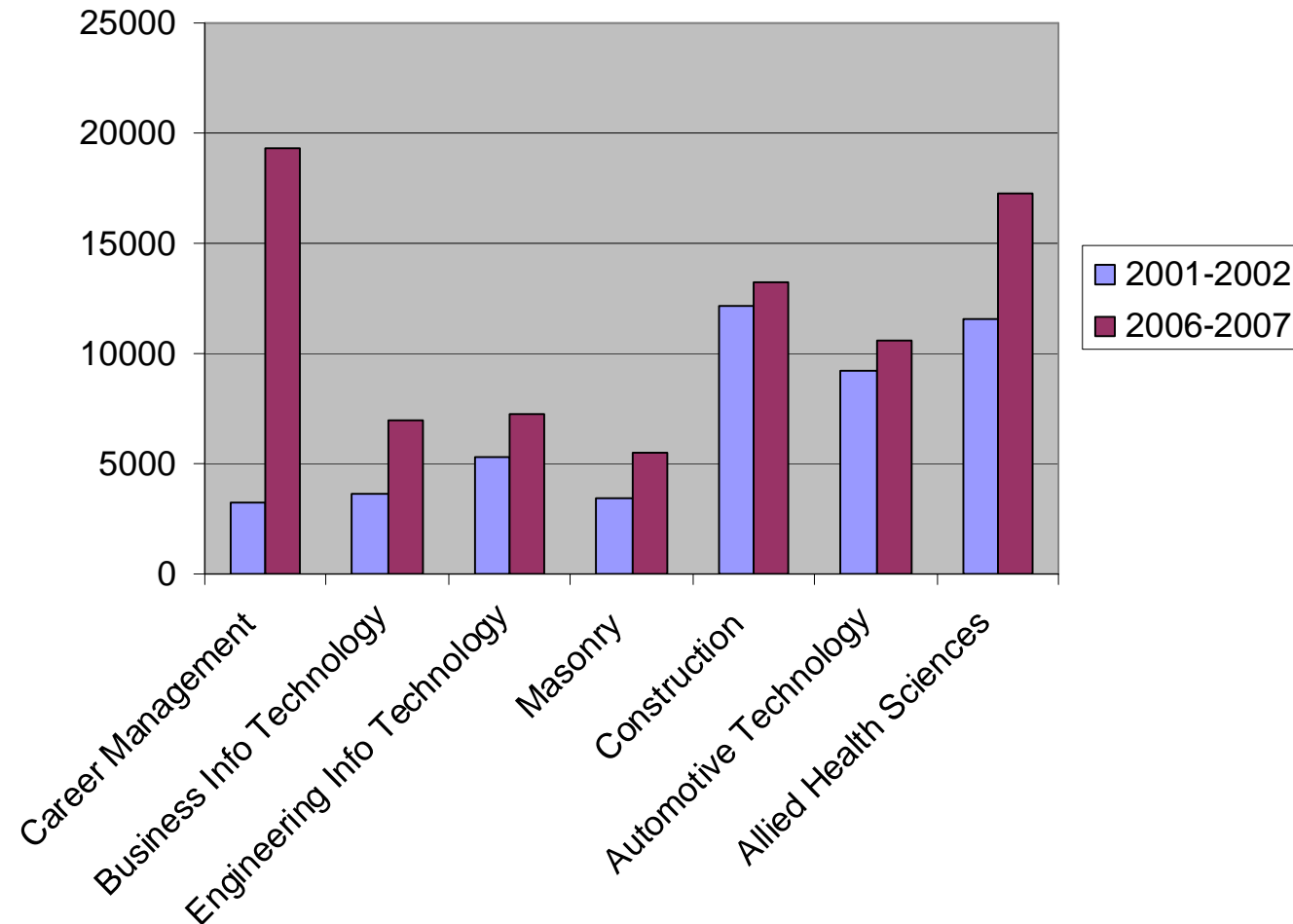




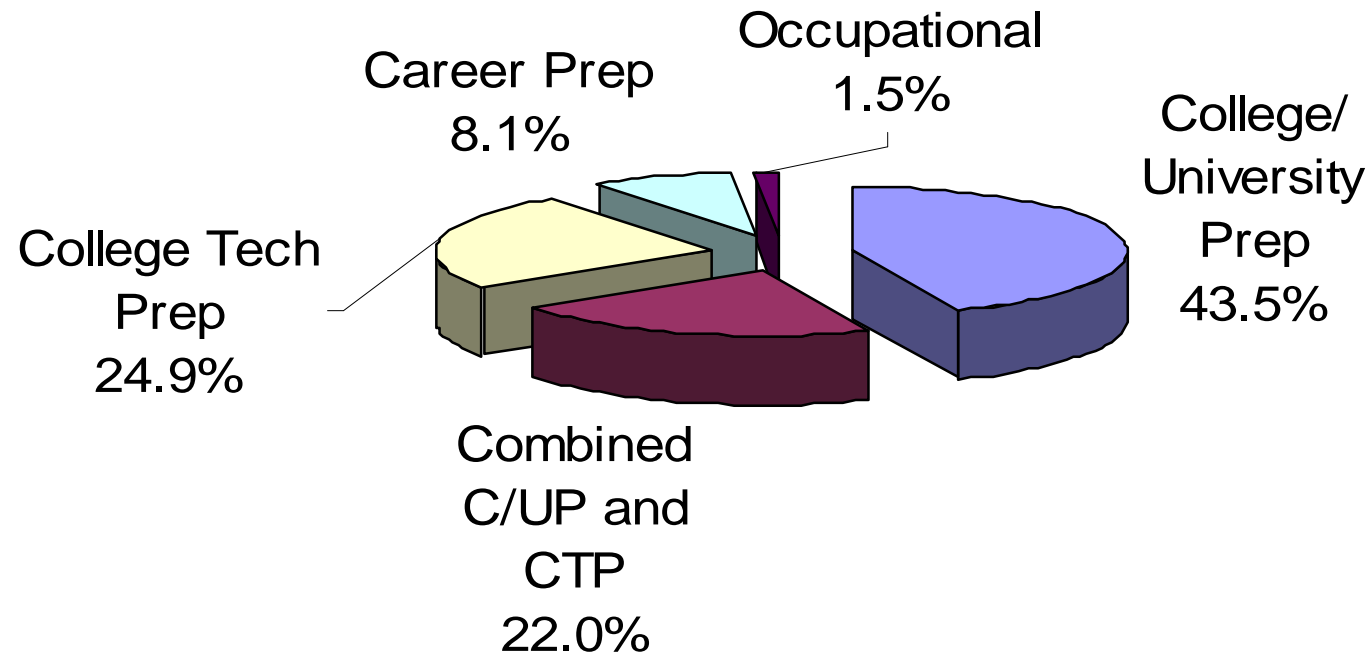
Enrollment Trends by Program Area



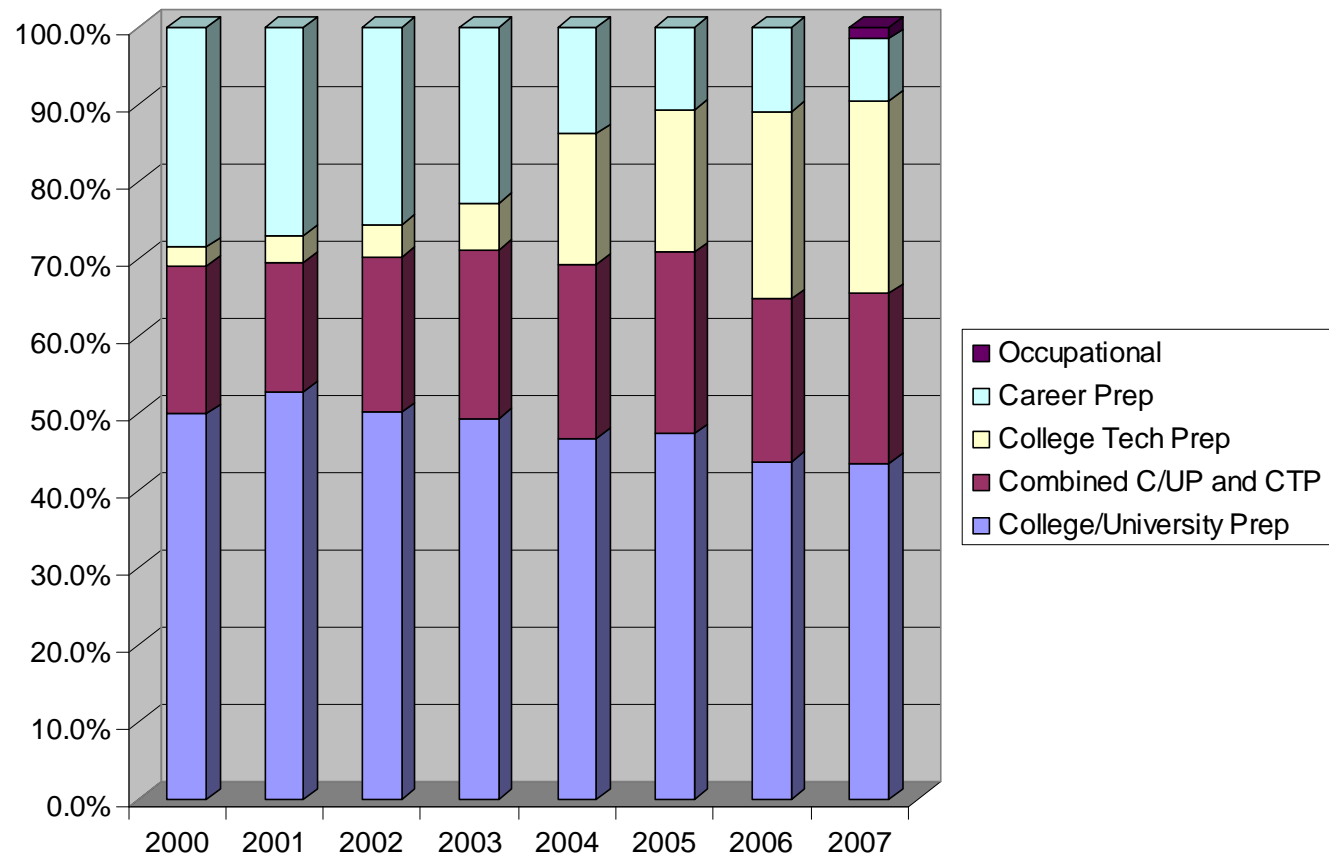
Enrollment Growth in Selected Programs



Enrollment Trends by Courses of Study



Changes in Courses of Study





Guiding Principles of Instruction in CTE

- Project-based learning
- Relevancy tied to future job market demand
- Community Involvement
- Career and Technical Student Organizations (CTSOs) vehicle for developing:
 - Problem Solving and Decision Making
 - Technical Standards and Citizenship
- Increased rigor
- Concentrated Course of Study



CTE Supports High School Reform





The Changing Face of Career and Technical Education





CTE is Major Reason Students Stayed in School

56.4%

2006

53.4%

2005

55.3%

2004



CTE Supports High School Reform and Redesign

- High Schools That Work (54)
- Learn and Earn (42)
- New Schools Project (34)
- Thematic Courses of Study (100+)



The Carl D. Perkins Career and Technical Education Act of 2006





Purposes of the Act

Preparation for:

- 21st Century Skills
- Postsecondary Education
- Entry into the competitive workforce
- Achievement of academic and technical standards
- High-skill, high-wage, high-demand and/or emerging occupations



Requirements of the Act

- Strengthen Connections between secondary and postsecondary education
- Enhance Tech Prep programs and business and industry partnerships
- Improve academic achievement of CTE students
- Increase state and local accountability



Accountability Measures (Performance Indicators)

- Academic Attainment – Reading/Language Arts
- Academic Attainment – Mathematics
- Technical Skill Attainment
- Secondary School Completion
- Student Graduation Rates
- Secondary Placement
- Nontraditional Participation
- Nontraditional Completion

States' Career Clusters



States' Career Clusters

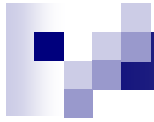


States' Career Clusters



States' Career Clusters





All Aspects of An Industry

- Business planning, management, finance
- Community issues
- Health, safety and environment
- Principles of Technology
- Personal work habits
- Technology production skills

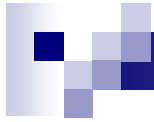
Career Technical Student Organizations (CTSOs)





CTSOs' Service Projects

- DECA Muscular Dystrophy
- FBLA March of Dimes
- FCCLA Feed the Children
- FFA NC Food Bank
- HOSA Autism
- SkillsUSA Habitat for Humanity
- TSA American Cancer Society



Career and Technical Education

