

An Equity Perspective



**PROGRAMS OF STUDY
NONTRADITIONAL CAREERS AND
THE FUTURE OF CTE**

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CHIEF EXECUTIVE OFFICER
NATIONAL ALLIANCE FOR
PARTNERSHIPS IN EQUITY**

National Alliance for Partnerships in Equity



MISSION

The National Alliance for Partnerships in Equity (NAPE) is a consortium of state and local agencies, corporations, and national organizations that collaborate to create equitable and diverse classrooms and workplaces where there are no barriers to opportunities.

Special Populations



- **Single parents, single pregnant women**
- **Displaced homemakers**
- **Students pursuing nontraditional careers**
- **Economically disadvantaged, including foster children**
- **Limited English proficient**
- **Students with disabilities**

Nontraditional Careers



The term `non-traditional fields' means occupations or fields of work, including careers in computer science, technology, and other current and emerging high skill occupations, for which individuals from one gender comprise less than 25 percent of the individuals employed in each such occupation or field of work.

(From Perkins IV)

Reflect, Transform, Lead: A New Vision for Career and Technical Education



**CREATED BY
NATIONAL ASSOCIATION OF STATE
DIRECTORS OF CAREER AND TECHNICAL
EDUCATION CONSORTIUM**

**CTE is critical to ensuring that the
United States leads in global
competitiveness**



CTE is critical to ensuring that the
United States leads in global
competitiveness



**Launch a marketing and
communications campaign to showcase
CTE's critical role in transforming the
way education is delivered to all
students, and to underscore the
positive economic impact**

**CTE actively partners with
employers to design and provide
high-quality, dynamic programs**



CTE actively partners with employers to design and provide high-quality, dynamic programs



Partner with business and industry organizations to develop and implement rigorous, internationally benchmarked CTE programs of study that are aligned to state, national and international economic demands and industry standards

CTE actively partners with employers to design and provide high-quality, dynamic programs



Close skill gaps by providing learners of all ages with access to the education and training necessary to be highly competitive in the labor market, including ongoing skill development of the existing workforce.

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**HOW DOES DIVERSITY IMPACT BUSINESS TODAY?
YOUTUBE VIDEO**

[HTTP://WWW.YOUTUBE.COM/WATCH?V=UI4KJSWH-78&FEATURE=RELATED](http://www.youtube.com/watch?v=UI4KJSWH-78&feature=related)

**CTE prepares students to succeed
in further education and careers**



CTE prepares students to succeed
in further education and careers



Support policies that require all students to have a personalized learning plan that clearly maps out a comprehensive strategy to achieve their education and career goals

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STARTLING STATEMENTS QUIZ

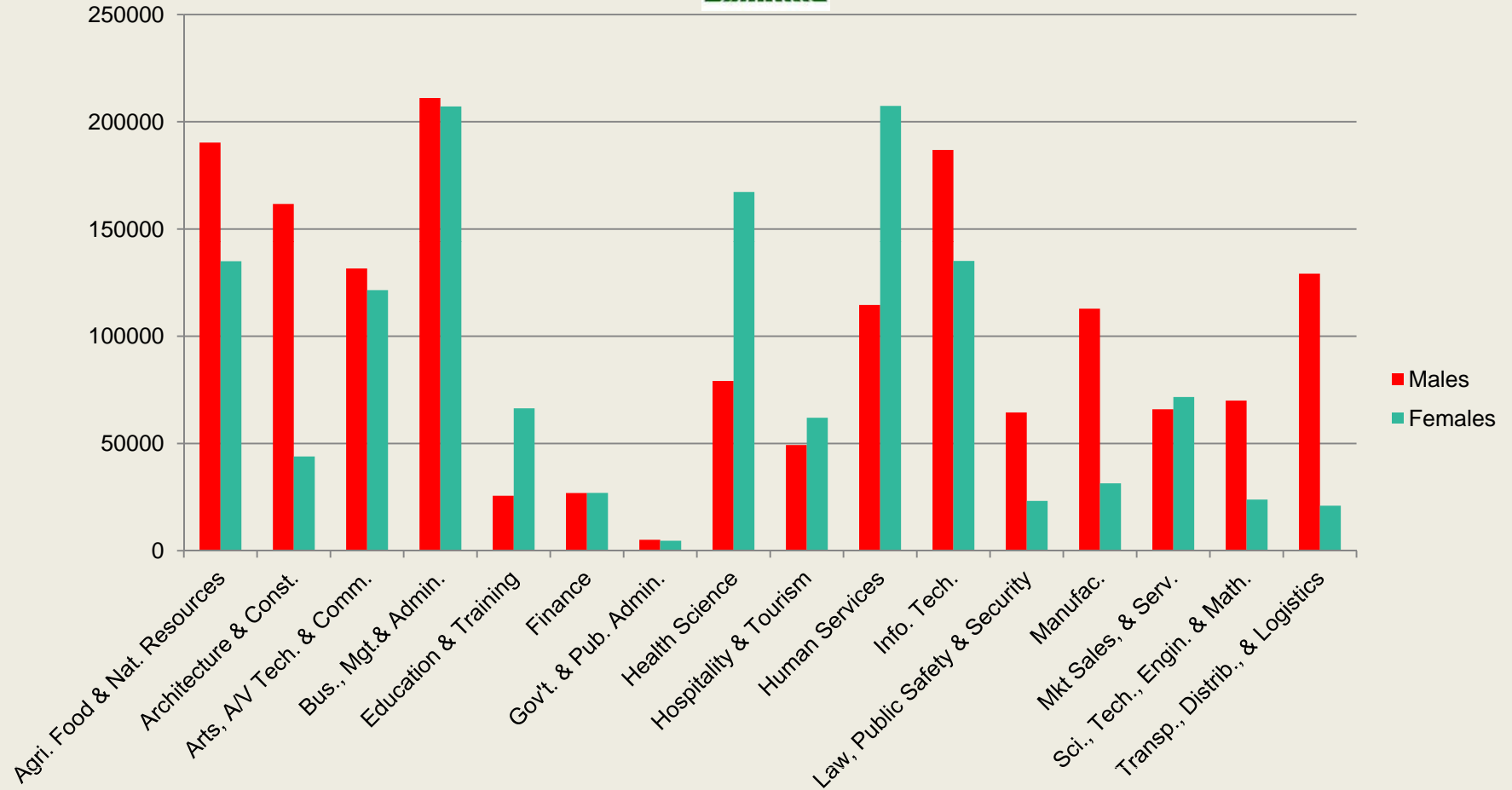
**WHAT DO YOU KNOW ABOUT MEN'S AND WOMEN'S
PARTICIPATION IN THE WORKFORCE?**

CTE prepares students to succeed
in further education and careers

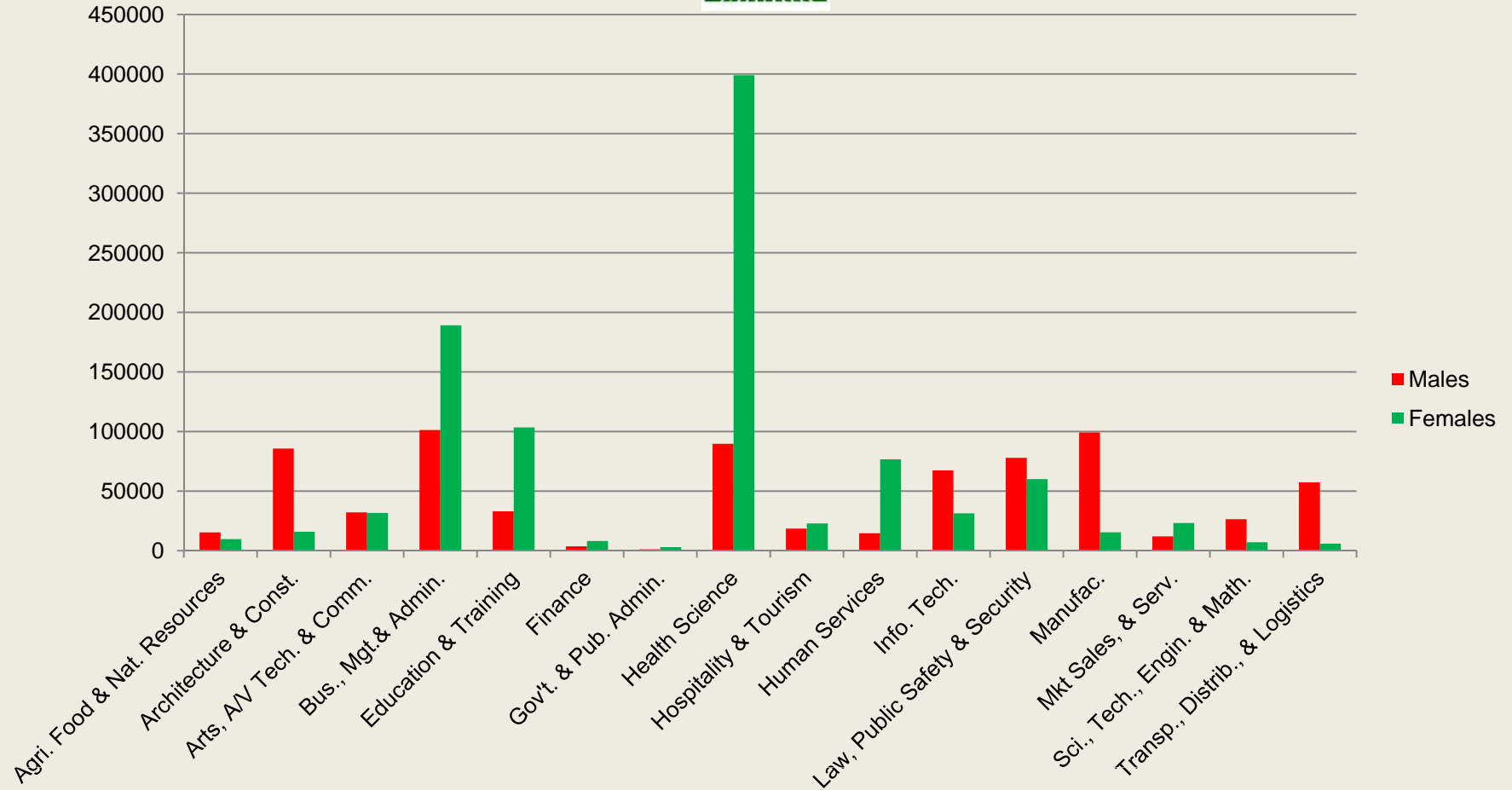


**Promote the acquisition of college and
career ready standards, aligned to The
National Career Clusters Essential
Knowledge and Skills Statements, for
all students.**

National Secondary Concentrators in CTE 2007-08



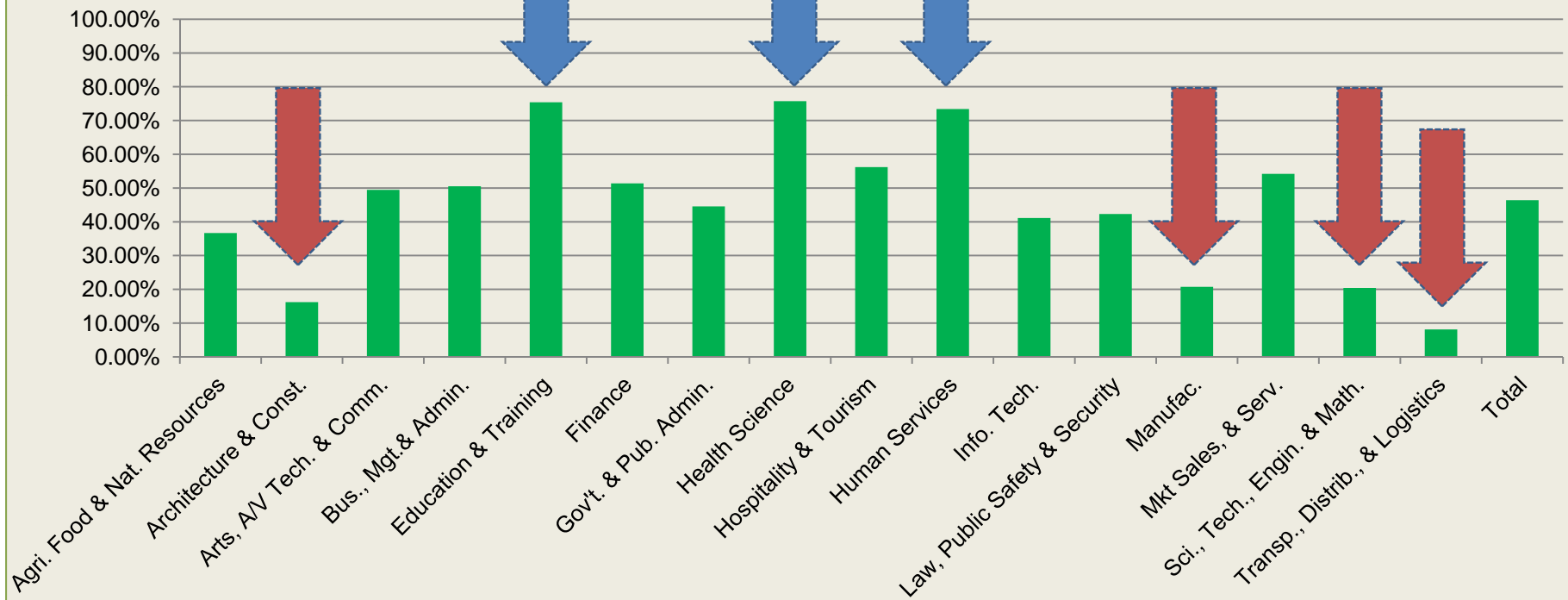
National Postsecondary Concentrators in CTE 2007-08



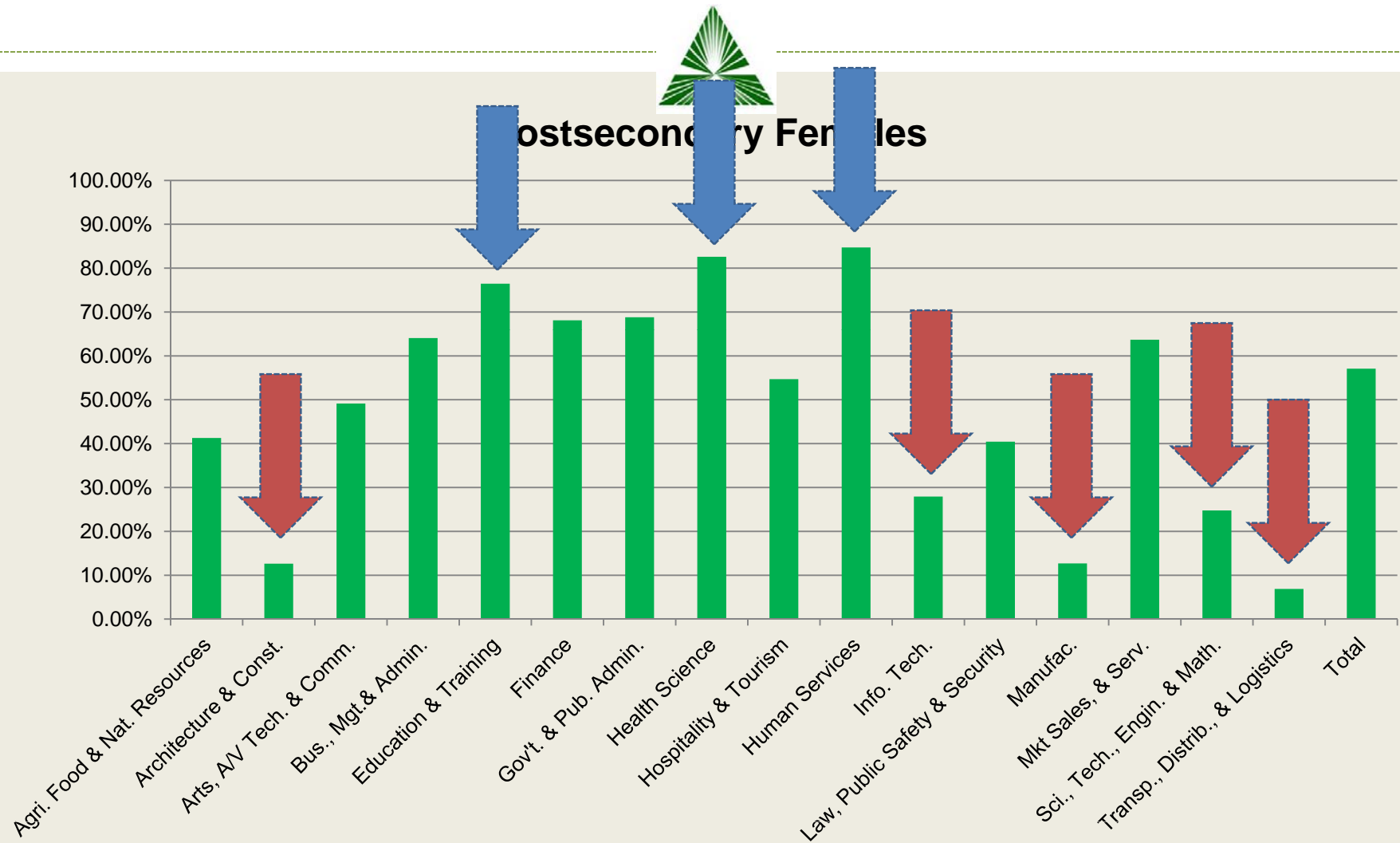
National Concentrators in CTE 2008-09



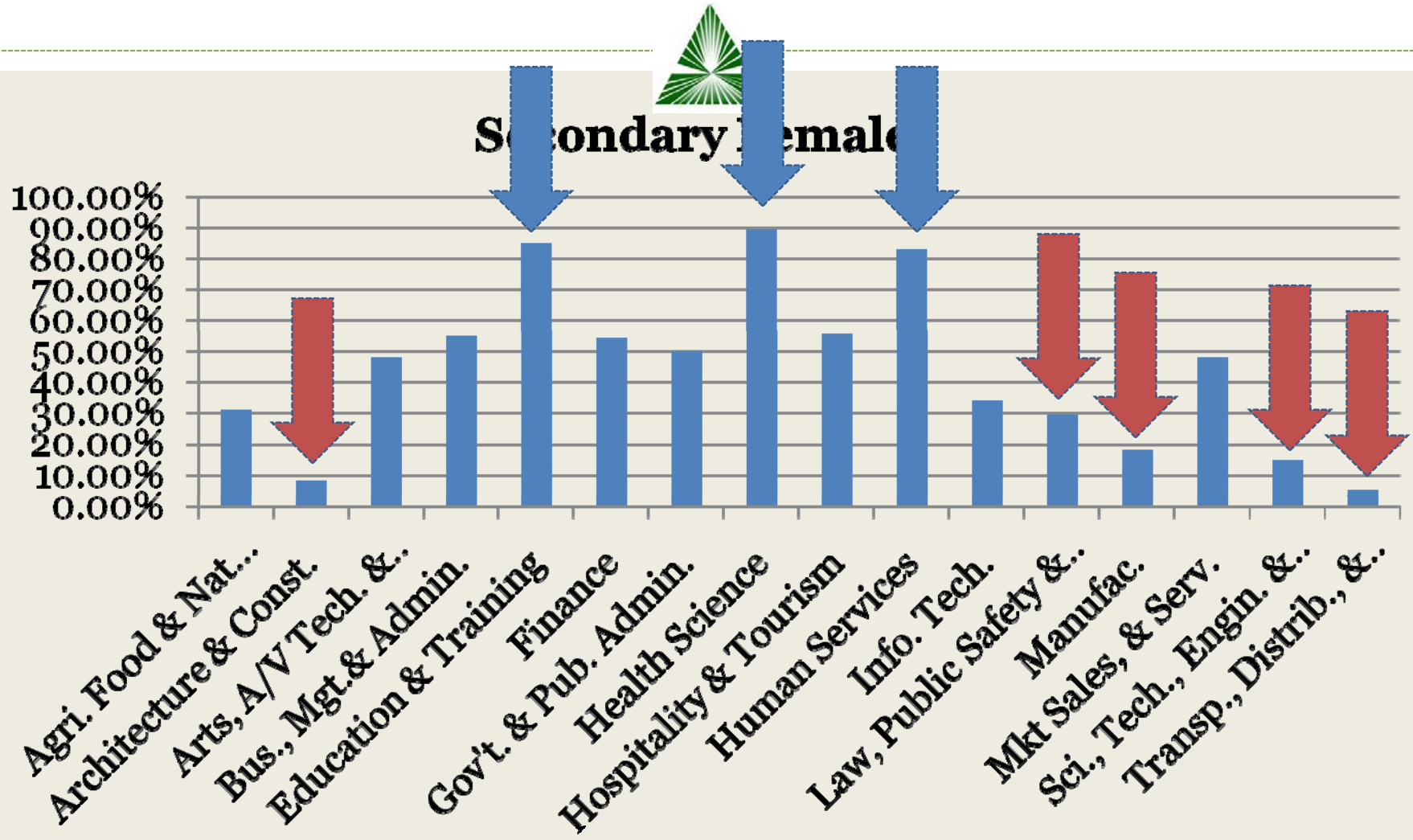
Secondary Females



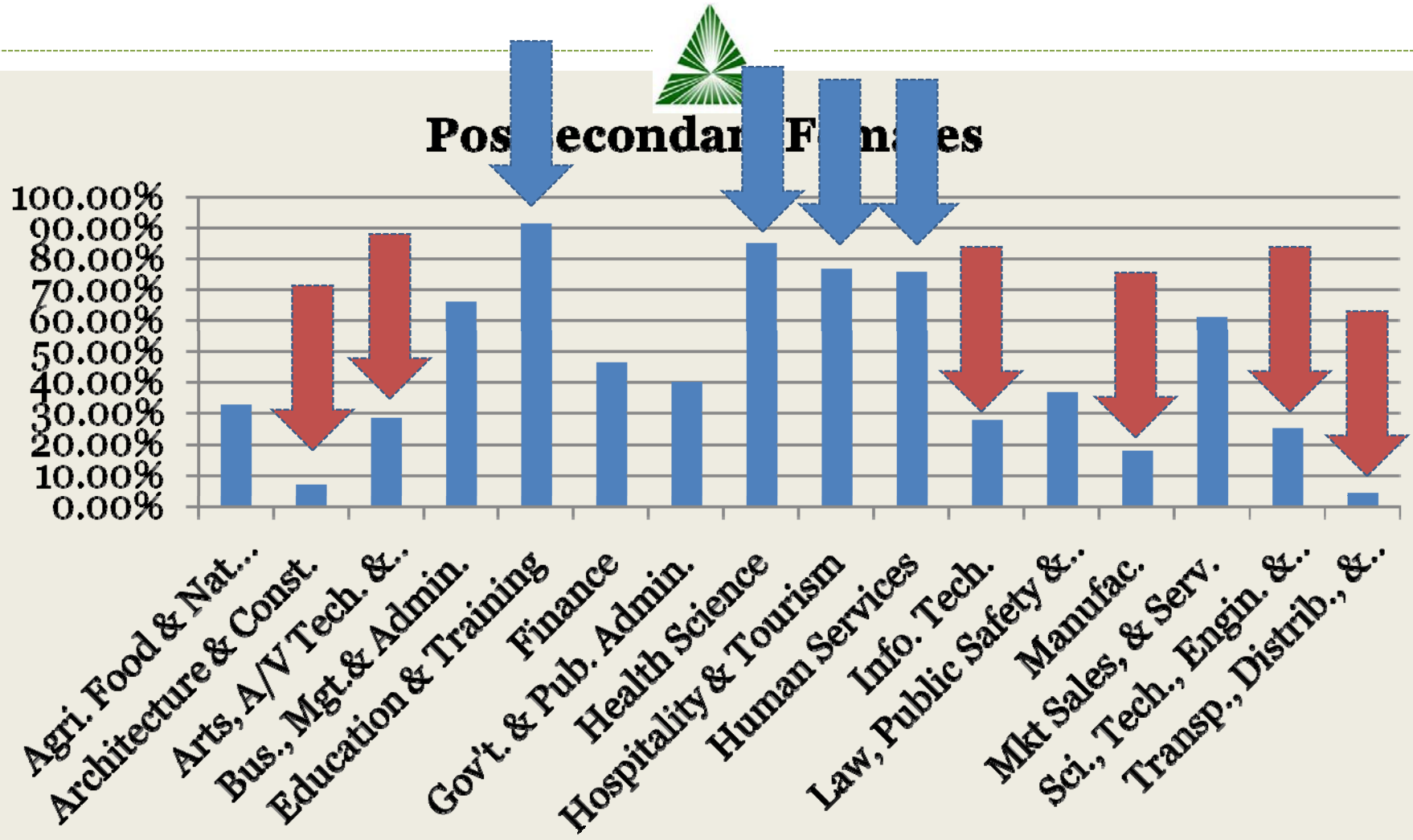
National Concentrators in CTE 2008-09



Illinois Concentrators in CTE 2008-09



Illinois Concentrators in CTE 2008-09



CTE prepares students to succeed
in further education and careers



Aspire to have CTE be performance-based, student-centered programs that are delivered without regard to time or place, to the extent feasible without diminishing the quality of the program.

Special Populations



- Single parents, single pregnant women
- Displaced homemakers
- Students pursuing nontraditional careers
- Economically disadvantaged, including foster children
- Limited English proficient
- Students with disabilities

**CTE is delivered through comprehensive
programs of study aligned to The
National Career Clusters Framework**



CTE is delivered through comprehensive programs of study aligned to The National Career Clusters Framework



Students are given opportunities to explore myriad career possibilities and have access to comprehensive career planning that empowers them to plan and prepare for a lifetime of career and educational choices

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I AM AN ENGINEER

VIDEO BY

CISCO SYSTEMS INC.

CTE is delivered through comprehensive programs of study aligned to The National Career Clusters Framework



Convene and lead education, employers, labor and government to develop policy, resources and technical assistance to help states with the design and implementation of programs of study as a standard approach to delivering, high quality CTE.

CTE is delivered through comprehensive programs of study aligned to The National Career Clusters Framework



STEM Equity Pipeline

www.stemequitypipeline.org



“Expanding Options for Women and Girls in Science, Technology, Engineering and Math”



- Home
- About Us
- Contact Us
- Experts
- State Teams
- Resources
- Professional Development



Upcoming Events

For more events go to the [STEM Equity Pipeline Calendar](#)

- October 23-24, 2010
10:00am-5:30pm

USA Science & Engineering Festival
Don't miss the Expo on the National Mall
Over 1500 hands-on science and engineering activities
More than 50 stage shows on four stages
A free event for all ages
[\(More Information\)](#)
- October 20-22, 2010

PLTW Welcomes STEM Education's Best and Brightest to Washington, DC
 (Show More Information...)
- October 14-15, 2010

WomenTech Educators Train-the-Trainer Workshop
[\(More Information\)](#)

State Team Happenings

- October 18, 2010

Moms Night Out for STEM in Iowa
[\(More Information\)](#)

Other Satellite Events Around the Nation
[\(More Information\)](#)

Search



Five Step Program Improvement Process



CTE is delivered through comprehensive programs of study aligned to The National Career Clusters Framework



Support federal legislation that encourages rigorous, comprehensive programs of study as the delivery model for education

US Dept. of Ed., Office of Vocational and Adult Ed. Ten Programs of Study Framework Elements



- **Legislation and Policies**
- **Partnerships**
- **Professional Development**
- **Accountability and Evaluation Systems**
- **College and Career Readiness Standards**
- **Course Sequences**
- **Credit Transfer Agreements**
- **Guidance Counseling and Academic Achievement**
- **Teaching and Learning Strategies**
- **Technical Skills Assessments**



ILLINOIS
PROGRAMS OF STUDY
GUIDE

2009



Illinois State Board of Education
Illinois Community College Board



Illinois Programs of Study



6 GUIDING PRINCIPLES AND DESIGN ELEMENTS

1. Leadership, Organization and Support



Programs of Study are developed, supported and led with guidance from collaborative partners.

2. Access, Equity and Opportunity



Each and every student has access to educational opportunities and services that enable their success.

Access, Equity and Opportunity



- Various strategies are used to recruit, enroll, and retain students including students who are **underserved, under-represented, and from special populations**.
- Processes are in place to identify and overcome **gaps and barriers** for learners in order to foster access to education and **inclusion** in educational programs including flexible time and location of programs.
- Processes are in place to assist students to overcome **barriers to initial entry or re-entry** into secondary and postsecondary education.
- Appropriate **support services** are available to promote student success, help student become college and career ready, and meet their educational goals.

Access, Equity and Opportunity



- The physical, virtual, and learning spaces of programs and support services are **universally designed** to promote state-wide access to education and successful transition.
- **Special population sub-groups** are clearly identified so that their progress and success can be quantified and compared with other populations.
- Programs and support services reflect learners' and their **families' perspectives and interests** in education and transition while addressing changes in resources and family role across settings.
- Students have **access to networks and resources** to assist with curriculum, their career exploration opportunities and work-based learning..

3. Alignment and Transition



Education and training providers, with input from business and industry, enhance alignment that facilitates student preparation and transition through the educational pipeline.

4. Enhanced Curriculum and Instruction



Curriculum and pedagogy involve rigorous and relevant instruction that enhances learning and enables students to attain academic and technical standards and credentials.

5. Professional Preparation and Development



Comprehensive and continuous professional development that impacts teaching and learning is delivered to enhance the recruitment, preparation and retention of qualified instructional and administrative staff.

6. Program Improvement and Accountability



Data are collected, shared, and utilized to improve outcomes and demonstrate accountability.

**CTE is a results-driven system that
demonstrates a positive return on
investment**



CTE is a results-driven system that demonstrates a positive return on investment



Use data to identify high quality, successful, scalable CTE practices and programs, target efforts and funds to those found effective and eliminate those that are ineffective

Nontraditional Career Preparation



- **Participation of underrepresented gender students in nontraditional career and technical education programs**
- **Completion of underrepresented gender students in nontraditional career and technical education programs**



Illinois Center for Specialized Professional Support

CTE is a results-driven system that demonstrates a positive return on investment

Illinois Center for Specialized Professional Support

EXCELLENCE IN PROFESSIONAL DEVELOPMENT
705 E. LINCOLN ST., STE. 313 • NORMAL, IL 62761
www.icpsps.ilstu.edu



The New Look Project

Strengthening programs for special populations learners.



Two types of awards are available for FY11

• The **New Look NTO Award** for learners preparing for careers which are non-traditional for gender

• The **New Look SP** (Special Populations) Award for other special populations learners, including individuals with disabilities, learners from economically disadvantaged families, English language learners, single parents, and displaced homemakers

Looking for support for your NEW idea to assist Perkins special populations, especially learners preparing for non-traditional occupations? Apply to be a part of the New Look Project! If your plan is approved, your activity can receive the following:

- free resources
- technical assistance
- financial support of \$500-\$3500

Thinking of applying?

Join in the *New Look Informational Webinar!*

Thursday, August 26, 2010

For more about the New Look Project, the Informational Webinar,

or to download the application visit: www.icpsps.ilstu.edu/newlook

Applications are due on October 8, 2010.

Financial support is open to Illinois community colleges and their partners, and is contingent upon the availability of FY11 funds. The New Look Award is developed with a grant from the Illinois Community College Board and is funded 100% through Carl D. Perkins Career & Technical Education Improvement Act of 2006.



CTE is a results-driven system that demonstrates a positive return on investment



Develop a national return on investment model to demonstrate CTE's positive fiscal, societal, and economic impact.

Lead: A Call to Action



Imagine an education and workforce system that

- Rewards innovation
- Synergistically and cohesively supports different learning styles
- Equally values different interests and talents
- Nimbly adapts and responds to technology and workplace needs, and
- **Prepares all students for career success through multiple pathways.**

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**FOR MORE INFORMATION
NATIONAL ALLIANCE FOR PARTNERSHIPS IN EQUITY**

WWW.NAPEQUITY.ORG

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610-593-8038