Are Illinois Students Ready for College/Career?

Mark Williams, Division Administrator
Shangte Shen, Principal Consultant

February 8-10, 2011
The Obama administration released its blueprint,...
that prepare students to succeed in college and the workplace,...
Obama Administration’s Goal:

We must achieve a new goal, that by 2020, the United States will once again lead the world in college completion.
Every student should graduate from high school ready for college and a career.
Fostering a Race to the Top

... work together on ambitious reforms, make tough choices, and develop comprehensive plans that change policies and practices to improve outcomes for students.
Awarded Funds from Federal

School Improvement Grant (SIG), Perkins, 21st Century, Title I, Title II, Title III, etc.
For Lowest Performing Schools:

Using the School Improvement Grant, 1003(g), to help the lowest performing schools.
Do you know...

Four of every 10 new college students, including half of those at 2-year institutions, take remedial courses, and many employers comment on the inadequate preparation of high school graduates.
**Strategies:**

For all challenged schools, districts:

i. expanded learning time,

ii. supplemental educational services,

iii. public school choice,

iv. other strategies to help students succeed
### Illinois Teachers (All Schools)

<table>
<thead>
<tr>
<th></th>
<th>% of Teachers with Emergency or Provisional Credentials</th>
<th>% of Classes Not Taught by Highly Qualified Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY08</td>
<td>0.7%</td>
<td>0.7%</td>
</tr>
<tr>
<td>FY09</td>
<td>0.6%</td>
<td>1.2%</td>
</tr>
<tr>
<td>FY10</td>
<td>0.5%</td>
<td>0.7%</td>
</tr>
</tbody>
</table>

**Average Teaching Experience (Years)**
% of Teachers with Master's & Above

<table>
<thead>
<tr>
<th>Year</th>
<th>51%</th>
<th>52%</th>
<th>53%</th>
<th>54%</th>
<th>55%</th>
<th>56%</th>
<th>57%</th>
<th>58%</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY08</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>53.2%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FY09</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>55.8%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FY10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>57.4%</td>
<td></td>
</tr>
</tbody>
</table>

Division of Career Development and Preparation, Illinois State Board of Education
Illinois Teachers (Career & Technical Education)

% of CTE Teachers with Provisional Credentials

- **Health**: 75.7% (FY08), 71.8% (FY09), 78.1% (FY10)
- **Industrial**: 33.7% (FY08), 33.7% (FY09), 38.2% (FY10)
- **Agriculture**: 16.3% (FY08), 16.6% (FY09), 17.0% (FY10)
- **Family & Consumer Sciences**: 10.0% (FY08), 10.3% (FY09), 12.6% (FY10)
- **Business**: 3.6% (FY08), 3.6% (FY09), 5.0% (FY10)

Division of Career Development and Preparation, Illinois State Board of Education
CTE Teachers...

<table>
<thead>
<tr>
<th>Category</th>
<th>Age &lt; 30</th>
<th>30 &lt;= Age &lt; 40</th>
<th>40 &lt;= Age &lt; 50</th>
<th>50 &lt;= Age &lt; 60</th>
<th>Age &gt;= 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>257</td>
<td>293</td>
<td>208</td>
<td>130</td>
<td>35</td>
</tr>
<tr>
<td>Business</td>
<td>456</td>
<td>1554</td>
<td>1614</td>
<td>1083</td>
<td>222</td>
</tr>
<tr>
<td>Family &amp; Consumer Sciences</td>
<td>702</td>
<td>789</td>
<td>823</td>
<td>1164</td>
<td>214</td>
</tr>
<tr>
<td>Health</td>
<td>438</td>
<td>873</td>
<td>1042</td>
<td>986</td>
<td>225</td>
</tr>
<tr>
<td>Industrial</td>
<td>438</td>
<td>873</td>
<td>1042</td>
<td>986</td>
<td>225</td>
</tr>
</tbody>
</table>
Programs in Illinois

i. SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS (STEM)

ii. Programs of Study (POS)
WHAT IS “CAREER READY”?

ACADEMIC SKILLS  EMPLOYABILITY SKILLS  TECHNICAL SKILLS
Career Cluster Framework

- Business, Marketing and Computer Education
- Technology and Engineering Education
- Agricultural Education
- Family and Consumer Sciences
- Health Science Technology
Roughly 55% of Grade 9-12 students (632,433 students in 2010) participate in CTE programs.
What Happens to 100 Ninth Grade Students in Illinois?

- 81 complete high school (includes GED)
- 19 Drop Out
- 27 No Further Education
- 9 Graduate or Professional Degrees
- 54 Enroll in College
  - 22 Some College No Degree
  - 6 Associate Degree
  - 17 Bachelor’s Degree Only

Posted on ACTE By James R. Stone III
CTE Programs Work?! 

CTE programs retain high school students in schools!
The success of a program can be gauged by the number of students that graduate from high school.

Of the students that completed career and technical education training level programs, **95.13%** CTE participants graduated from high school.
### Student Performances

- **WorkKeys Math >= Level 4**
  - FY10: 78.02%
  - FY09: 76.04%
  - FY08: 80.35%
  - FY07: 77.93%
  - FY06: 77.03%

- **WorkKeys Reading >= Level 4**
  - FY10: 89.79%
  - FY09: 90.58%
  - FY08: 89.03%
  - FY07: 86.03%
  - FY06: 86.46%
CTE Student Performances

**ACT Composite Score**

- FY08: 14.2
- FY09: 14.4
- FY10: 14.3

**WorkKeys**

- WorkKeys Reading >= Level 4
- WorkKeys Math >= Level 4

- FY08: 82.00%
- FY09: 87.92%
- FY10: 88.63%

- FY08: 73.02%
- FY09: 78.09%
- FY10: 78.62%
61.7% of the CTE students enrolled in college and 77.6% of the CTE students were employed.
School Choice & SES

School Choice

<table>
<thead>
<tr>
<th></th>
<th>FY09</th>
<th>FY10</th>
</tr>
</thead>
<tbody>
<tr>
<td># Schools Provided SES</td>
<td>480</td>
<td>571</td>
</tr>
<tr>
<td># Students Received SES</td>
<td>65983</td>
<td>47571</td>
</tr>
<tr>
<td>Dollars spent on SES</td>
<td>$85,323,417.3</td>
<td>$70,082,493.5</td>
</tr>
</tbody>
</table>
Acknowledgement

**Illinois State Board of Education**
Division of Student Assessment
- Shuwan Chiu, Principal Consultant
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- Carol Diedrichsen, Principal Consultant
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**Illinois CTE Curriculum Revitalization Project**
- Mary Waters, Director
  - mary@watersedgeconsulting.net

Division of Career Development and Preparation, Illinois State Board of Education
Thank you!

See you in 2012