Renewing Ohio’s Place in the World

November 14, 2011
Students must graduate with the knowledge and skills to get and keep good jobs and to meet and beat any competitor in the world.
522,600 Ohio jobs lost since 2000
The old jobs will not return.
Prepare for the Future
# Buckeye 50

## Community & Social Service

<table>
<thead>
<tr>
<th>Position</th>
<th>50</th>
<th>30</th>
<th>20</th>
<th>15</th>
<th>10</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical and Public Health Social Workers</td>
<td>6,400</td>
<td>288</td>
<td>1,270</td>
<td>19.8%</td>
<td>$45,510</td>
<td></td>
</tr>
<tr>
<td>Mental Health &amp; Substance Abuse Social Workers</td>
<td>4,990</td>
<td>212</td>
<td>870</td>
<td>17.4%</td>
<td>$37,128</td>
<td></td>
</tr>
<tr>
<td>Mental Health Counselors</td>
<td>4,110</td>
<td>180</td>
<td>970</td>
<td>23.6%</td>
<td>$43,659</td>
<td></td>
</tr>
</tbody>
</table>

## Education

<table>
<thead>
<tr>
<th>Position</th>
<th>50</th>
<th>30</th>
<th>20</th>
<th>15</th>
<th>10</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Enrichment Education Teachers</td>
<td>7,280</td>
<td>303</td>
<td>1,910</td>
<td>26.2%</td>
<td>$42,453</td>
<td></td>
</tr>
<tr>
<td>Instructional Coordinators</td>
<td>6,380</td>
<td>244</td>
<td>1,040</td>
<td>16.3%</td>
<td>$61,638</td>
<td></td>
</tr>
</tbody>
</table>

## Health Care

<table>
<thead>
<tr>
<th>Position</th>
<th>50</th>
<th>30</th>
<th>20</th>
<th>15</th>
<th>10</th>
<th>5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Nurses</td>
<td>118,680</td>
<td>4,175</td>
<td>21,020</td>
<td>17.7%</td>
<td>$59,738</td>
<td></td>
</tr>
<tr>
<td>Licensed Practical &amp; Licensed Vocational Nurses</td>
<td>41,570</td>
<td>2,022</td>
<td>7,220</td>
<td>17.4%</td>
<td>$39,915</td>
<td></td>
</tr>
<tr>
<td>Physicians &amp; Surgeons</td>
<td>27,990</td>
<td>974</td>
<td>4,800</td>
<td>17.1%</td>
<td>$185,491</td>
<td></td>
</tr>
<tr>
<td>Dental Assistants</td>
<td>9,970</td>
<td>438</td>
<td>2,510</td>
<td>25.2%</td>
<td>$32,323</td>
<td></td>
</tr>
<tr>
<td>Pharmacists</td>
<td>11,720</td>
<td>419</td>
<td>1,590</td>
<td>13.6%</td>
<td>$102,357</td>
<td></td>
</tr>
<tr>
<td>Medical and Health Services Managers</td>
<td>12,610</td>
<td>406</td>
<td>1,660</td>
<td>13.2%</td>
<td>$83,117</td>
<td></td>
</tr>
<tr>
<td>Dental Hygienists</td>
<td>7,100</td>
<td>323</td>
<td>1,780</td>
<td>25.1%</td>
<td>$62,026</td>
<td></td>
</tr>
</tbody>
</table>
Top 50 Jobs and Required Education

- 21 – Bachelors Degree
- 7 – Masters Degree
- 7 – Associates Degree
Top 50 Jobs and Required Education

4 – Postsecondary Vocational Training

4 – Doctorate or Professional Degree

7 – On-the-job Training
Jobs for All Interests
Are they getting what they need?

No.
College and Career Ready
System Problem
Good enough is no longer good enough.
Minimum Competence

College and Career Ready
Districts Designated Excellent or Above

<table>
<thead>
<tr>
<th>Year Range</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006-2007</td>
<td>139</td>
</tr>
<tr>
<td>2007-2008</td>
<td>226</td>
</tr>
<tr>
<td>2008-2009</td>
<td>270</td>
</tr>
<tr>
<td>2009-2010</td>
<td>296</td>
</tr>
<tr>
<td>2010-2011</td>
<td>352</td>
</tr>
</tbody>
</table>
57%
Excellent or Above
41% Remediation
College-Ready Ohio Students

Only 28 percent ready in all four content areas

Why is this happening?
Minimum Score to Pass Grade 6 Reading:

17/49 or 35%
Minimum Score to Pass Grade 7 Math:

16/50 or 32%
Advanced
Accelerated
Proficient
Basic
Limited
OGT Reading Minimum Score for Advanced: 79%
OGT Math
Minimum Score for Advanced:

77%
Are we advanced compared to others?

No.
National Assessment of Educational Progress

NAEP results are the Nation’s Report Card
Are We Advanced?
Grade 4 Reading

Ohio’s Test
42.8%

NAEP National Test
9%

Ohio scores: % of Ohio Students scoring at advanced or accelerated level on OAA assessments

NAEP scores: % of Ohio students scoring at the advanced level on NAEP assessments
### Are We Advanced?

**Grade 4 Math**

<table>
<thead>
<tr>
<th>Ohio’s Test</th>
<th>NAEP National Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>44.6%</td>
<td>8%</td>
</tr>
</tbody>
</table>

**Ohio scores:** % of Ohio Students scoring at advanced or accelerated level on OAA assessments

**NAEP scores:** % of Ohio students scoring at the advanced level on NAEP assessments
Are We Advanced?
Grade 8 Reading

<table>
<thead>
<tr>
<th>Ohio’s Test</th>
<th>NAEP National Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.7%</td>
<td>3%</td>
</tr>
</tbody>
</table>

**Ohio scores:** % of Ohio Students scoring at advanced or accelerated level on OAA assessments

**NAEP scores:** % of Ohio students scoring at the advanced level on NAEP assessments
Are We Advanced?
Grade 8 Math

Ohio’s Test: 33.7%

NAEP National Test: 8%

Ohio scores: % of Ohio Students scoring at advanced or accelerated level on OAA assessments

NAEP scores: % of Ohio students scoring at the advanced level on NAEP assessments
“As a country we've dummied down standards. We've reduced them…and we've actually been lying to children and parents telling them they're ready when they're not.”

- Arne Duncan
August 2011
Global Competition
Our Inflated Results

Ohio’s Test

Grade 6 Reading
Our Inflated Results

Ohio’s Test

Grade 6 Reading Ohio Results on International Tests
Our Inflated Results

Ohio’s Test

Grade 6 Math
Our Inflated Results

Ohio’s Test

Grade 6 Math
Ohio Results on International Tests
Our Inflated Results

Ohio’s Test: Grade 10 Reading
Our Inflated Results

Ohio’s Test

Grade 10 Reading
Ohio Results on International Tests
Our Inflated Results

Ohio’s Test

Grade 10 Math Ohio Results on International Tests
Current System Asks Too Little
Forces of Change

- International Competition
- Changing Workforce
- Technology Advancements
New Focus to Prepare Students
Higher Expectations
Students Will Rise to the Occasion
CHANGE AHEAD
Adopt New Academic Content Standards Now
Achievement Update at every Local Board Meeting
Comparisons Build Improvement
Access Performance Index Scores
Lists for school buildings and districts

education.ohio.gov
Teacher Value-Added Data

- Most Effective
- Least Effective
- Approaching Average
- Above Average
- Average
History of Innovation
Renew Ohio’s Place in the World