Goal for Each Child

Annually increase the percentage of Ohio’s high school graduates who, within one year of graduation, are:

- Enrolled and succeeding in a post-high school learning experience, including an adult career-technical education program, an apprenticeship and/or a two-year or four-year college program (15 semester hours);
- Serving in a military branch;
- Earning a living wage; or
- Engaged in a meaningful, self-sustaining vocation.

From Ohio’s Strategic Plan for Education
College Completion Rates

Ohio public colleges (4-year)

<table>
<thead>
<tr>
<th>Completion Rate</th>
<th>Number of Counted Students</th>
<th>Graduation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>31.9%</td>
<td>43,077</td>
<td>54.6%</td>
</tr>
<tr>
<td>U.S. average</td>
<td>33.3%</td>
<td>57.6%</td>
</tr>
</tbody>
</table>

Ohio private colleges (4-year)

<table>
<thead>
<tr>
<th>Completion Rate</th>
<th>Number of Counted Students</th>
<th>Graduation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>51.0%</td>
<td>20,300</td>
<td>64.1%</td>
</tr>
<tr>
<td>U.S. average</td>
<td>52.8%</td>
<td>65.4%</td>
</tr>
</tbody>
</table>

Ohio public colleges (2-year)

<table>
<thead>
<tr>
<th>Completion Rate</th>
<th>Number of Counted Students</th>
<th>Graduation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1%</td>
<td>21,958</td>
<td>19.4%</td>
</tr>
<tr>
<td>U.S. average</td>
<td>19.4%</td>
<td></td>
</tr>
</tbody>
</table>

The Chronicle of Higher Education
## Prepared for Success

<table>
<thead>
<tr>
<th></th>
<th>Percentage of the 2015 Graduating Class Entered College within Two Years</th>
<th>Percentage of the 2011 Graduating Class Graduated from College within Six Years of Leaving High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay Village</td>
<td>85.8</td>
<td>71.1</td>
</tr>
<tr>
<td>Brecksville-Broadview Heights</td>
<td>84.8</td>
<td>65.8</td>
</tr>
<tr>
<td>Strongsville</td>
<td>83.7</td>
<td>64.4</td>
</tr>
<tr>
<td>Rocky River</td>
<td>86.3</td>
<td>64.3</td>
</tr>
<tr>
<td>Solon</td>
<td>84.5</td>
<td>63.1</td>
</tr>
<tr>
<td>Westlake</td>
<td>79.5</td>
<td>61.9</td>
</tr>
<tr>
<td>North Royalton</td>
<td>81.8</td>
<td>61.1</td>
</tr>
<tr>
<td>Orange</td>
<td>84.6</td>
<td>60.5</td>
</tr>
<tr>
<td>Beechwood</td>
<td>83.8</td>
<td>57.1</td>
</tr>
<tr>
<td>Independence</td>
<td>78.1</td>
<td>54.8</td>
</tr>
<tr>
<td>Mayfield</td>
<td>75.8</td>
<td>54.7</td>
</tr>
<tr>
<td><strong>County Average</strong></td>
<td><strong>69.2</strong></td>
<td><strong>41.6</strong></td>
</tr>
<tr>
<td><strong>State Average</strong></td>
<td></td>
<td><strong>54.6</strong></td>
</tr>
</tbody>
</table>
Ohio Attainment Goal
Employment Projections

1. Go to OhioMeansJobs Workforce Data Tools - [https://tinyurl.com/ybeh6jm2](https://tinyurl.com/ybeh6jm2)
2. Scroll down and click on Employment Projections
3. Click on the “In-Demand occupations only” radio button
Employment Projections

4. Click on the JobsOhio region where you reside.

5. Click on the JobsOhio region where you reside.

6. Click on Occupation Table breadcrumb.
Ohio’s In-demand Jobs

• Nursing
• Office Clerk
• Customer Service Representative
• General and Operations Managers
• Maintenance and Repair Workers, General
• Truck Drivers, Heavy and Tractor-Trailer
• Team Assemblers
## Credentials Related to Ohio’s In-demand Jobs

<table>
<thead>
<tr>
<th>In-Demand Job</th>
<th>Related Industry Credential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursing</td>
<td>STNA and/or Phlebotomy</td>
</tr>
<tr>
<td>Office Clerk</td>
<td>Microsoft Suite</td>
</tr>
<tr>
<td>Customer Service Representative</td>
<td>RISE Up</td>
</tr>
<tr>
<td>General and Operations Managers</td>
<td>OSHA, MSSC</td>
</tr>
<tr>
<td>Maintenance and Repair Workers, General</td>
<td>OSHA, MSSC (CPT)</td>
</tr>
<tr>
<td>Truck Drivers, Heavy and Tractor-Trailer</td>
<td>CDL</td>
</tr>
<tr>
<td>Team Assemblers</td>
<td>OSHA, MSSC</td>
</tr>
</tbody>
</table>
## Employment Projections

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Registered Nurses</td>
<td>49,430</td>
<td>56,750</td>
<td>15%</td>
<td>1,897</td>
<td></td>
<td>$30.91</td>
</tr>
<tr>
<td>Office Clerks, General</td>
<td>37,240</td>
<td>37,850</td>
<td>2%</td>
<td>864</td>
<td></td>
<td>$13.87</td>
</tr>
<tr>
<td>Nursing Assistants</td>
<td>26,940</td>
<td>31,070</td>
<td>15%</td>
<td>1,021</td>
<td></td>
<td>$11.88</td>
</tr>
<tr>
<td>Secretaries, Except Legal, Medical, and Executive</td>
<td>27,990</td>
<td>28,400</td>
<td>2%</td>
<td>337</td>
<td></td>
<td>$16.14</td>
</tr>
<tr>
<td>Truck Drivers, Heavy and Tractor-Trailer</td>
<td>24,720</td>
<td>25,800</td>
<td>4%</td>
<td>528</td>
<td></td>
<td>$20.35</td>
</tr>
<tr>
<td>General and Operations Managers</td>
<td>24,280</td>
<td>25,310</td>
<td>4%</td>
<td>717</td>
<td></td>
<td>$42.92</td>
</tr>
<tr>
<td>Customer Service Representatives</td>
<td>23,840</td>
<td>25,060</td>
<td>5%</td>
<td>710</td>
<td></td>
<td>$16.06</td>
</tr>
<tr>
<td>Maintenance and Repair Workers, General</td>
<td>20,450</td>
<td>21,240</td>
<td>4%</td>
<td>615</td>
<td></td>
<td>$18.16</td>
</tr>
<tr>
<td>Bookkeeping, Accounting, and Auditing Clerks</td>
<td>23,060</td>
<td>20,980</td>
<td>-9%</td>
<td>226</td>
<td></td>
<td>$17.67</td>
</tr>
<tr>
<td>First-Line Supvr./Mgrs of Retail Sales Workers</td>
<td>20,030</td>
<td>20,190</td>
<td>1%</td>
<td>464</td>
<td></td>
<td>$17.51</td>
</tr>
</tbody>
</table>
Health Science Career Pathway

Start Pre-Health
As early as grade 7 (based on readiness)

Dental Assistant
Median Salary: $33,690
Job Growth (10 yr): 20.5%
Annual Openings: 416
Average Tuition (1 yr): $0 – $3,900/yr

Dental Hygienist
Median Salary: $65,510
Job Growth (10 yr): 26.3%
Annual Openings: 345
Average Tuition (2 yrs): $3,900/yr
Average Tuition (4 yrs): $9,600/yr

Dentist
Median Salary: $158,460
Job Growth (10 yr): 9.5%
Annual Openings: 186
Average Tuition (4 yrs): $35,000/yr

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
--- Work

Internship
--- Work

Certificate, Dental Assisting

Associate or Bachelor’s Degree, Dental Hygiene

Doctoral Degree, Dentistry

Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school: gainful employment and/or postsecondary study.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.
Start Pre-Engineering
As early as grade 7 (based on readiness)

Manufacturing Operations
Median Salary: $19.00/hour
Job Growth (x yr): x.x%
Annual Openings: xxx

Electrical Engineering Technician
Median Salary: $19.00/hour
Job Growth (x yr): x.x%
Annual Openings: xxx
Average Tuition (1 yr): $0-$2,400/yr

Electrical Engineer
Median Salary: $xx,xxx
Job Growth (10 yr): x.x%
Annual Openings: xx
Average Tuition (4 yrs): $xx,xxx/yr

Workplace Visits
Job Shadow
Internship
Work

Full-time work in the summer, part-time work during the school year. $19.00 per hour and college credit

Full-time work in the summer, part-time work during the school year. $19.00 per hour, up to $2,400 in scholarships

Bachelor’s Degree in Electrical Engineering

Work, Earn, and Learn

Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school:
 gainful employment and/or postsecondary study.
Questions to be answered

• Data driven questions:
  – Are the right people participating in the conversation?
  – What are the best HSHD pathways for our region?
  – Do ALL students have equitable access to HSHD pathways?
  – What models exist and who’s doing this well?
Business Advisory Council

Business advisory councils include regional business leaders who are familiar with business and industry needs. Members partner with district leaders to plan and carry out the council’s work.

Roles of a Business Advisory Council
1. Advise on changes in economy and job market
2. Advocate for employment skills
3. Support local school districts
Postsecondary Credentials

• What is a postsecondary credential?
  – Associate’s Degree?
  – Bachelor’s Degree?
  – Industry recognized credential?

ALL students can attain or make progress toward postsecondary credentials while in high school and beyond. Today ALL students can graduate with some college.
Industry-Recognized Credentials

- Important for ALL students
- Can be used to mitigate risk
- Can earn postsecondary credit
# Industry-Recognized Credentials

## Explore Career Fields

<table>
<thead>
<tr>
<th>Agriculture/Environmental Systems</th>
<th>Arts and Communications</th>
<th>Business, Marketing, and Finance</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="Icon" /> Construction</td>
<td><img src="image2.png" alt="Icon" /> Education and Training</td>
<td><img src="image3.png" alt="Icon" /> Engineering</td>
</tr>
<tr>
<td><img src="image4.png" alt="Icon" /> Health</td>
<td><img src="image5.png" alt="Icon" /> Hospitality and Tourism</td>
<td><img src="image6.png" alt="Icon" /> Human Services</td>
</tr>
<tr>
<td><img src="image7.png" alt="Icon" /> Information Technology</td>
<td><img src="image8.png" alt="Icon" /> Law and Public Safety</td>
<td><img src="image9.png" alt="Icon" /> Manufacturing</td>
</tr>
<tr>
<td><img src="image10.png" alt="Icon" /> Transportation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Increasing Student Options

• Create pathways at the high school starting as early as grade 7
  – Align pathways to programs at area Career Center and Community Colleges
• Develop credit flexibility plans for work-based learning
• Start a Personalized Professional Pathway (P3)
• Develop an industry credential only program
Personalized Professional Pathway (P3)

• Provides schools a way to diversify their pathway offerings and place more students in work-based learning.
  – Class on employability skills aligned to OMJ Readiness Seal
  – Requires work-based learning aligned to technical content standards
  – Credit flexibility in CTE
Credential Only Pathway

- Industry recognized credential
- 12-hour teaching permit
  - Example: School nurse teaching to STNA or phlebotomy credentials
OhioMeansJobs-Readiness Seal

University Hospitals

Kokosing

City Apparel

Industrials Cleveland

Dan T. Moore Company

Innovations

Cleveland Clinic

First Solar

Ohio Apple

Portage County

Job & Family Services

Ohio Department of Education
School Reimagined

1. Transition all students to something and not out of high school.
2. Identify in-demand sectors in your region – keep your talent local.
3. Review school performance metrics and identify areas of improvement.
School Reimagined

5. Communicate *ad nauseum* with school employees and the community.

6. Develop in-demand pathways beginning in grade 7 and show the progression of advancement.

7. Start a P3 program.

8. Increase the percentage of students completing a Student Success Plan through OhioMeansJobs.
School Reimagined

9. Provide all students with the supports they need to succeed.

10. Ensure every school employee knows the career aspirations of every student.

11. Increase the number of integrated courses offered so students receive simultaneous credit.
School Reimagined

12. Increase the percentage of students earning an industry credential, where applicable, aligned to their career aspiration.

13. Increase the percentage of students participating in work-based learning experiences.
School Reimagined

14. Increase the percentage of students earning the OhioMeansJobs-Readiness Seal.

15. Provide counselling to students for two-years after graduation.

16. Start collecting longitudinal data on high school graduates.

17. Share quick wins and promising practices.

18. Think big, start small, scale fast.
Goal for Each Child

Annually increase the percentage of Ohio’s high school graduates who, within one year of graduation, are:

• Enrolled and succeeding in a post-high school learning experience, including an adult career-technical education program, an apprenticeship and/or a two-year or four-year college program (15 semester hours);

• Serving in a military branch;

• Earning a living wage; or

• Engaged in a meaningful, self-sustaining vocation.

From Ohio’s Strategic Plan for Education