ICHE Report Overview &
Expanding Return on Investment

Gina Deom, Director for Research and Analytics
Jordan Allen, Assistant Director of Data Management and Analysis

March 2018
ICHE REPORT OVERVIEW
ICHE DATA COLLECTION/REPORTS

• CHEDSS (longitudinal enrollment/degree database)
  
  Annual reports
  • College Readiness
  • Completion
  • Return on Investment (ROI)
  
  Other supplement analyses, including:
  • Dual Credit
  • Certificates
  • Transfer
  
ScholarTrack (financial aid database)
  • Financial aid and 21st Century Scholar Reports and disaggregations

www.in.gov/che
COLLEGE READINESS REPORT

- Indiana high school graduate data (IDOE) matched with college data (CHE, ICI, and NSC).

- Provide information on students’ college-related
  - Access
  - Preparation (Academic, Financial)
  - Performance, Persistence, and Completion

- Show demographic, geographic, and academic breakdowns
COLLEGE READINESS REPORT

Access

65%

Readiness

% Earning AP or Dual Credit
More Hoosier students are earning college credit in high school.

2012: 42%
2015: 60%
+13%

% Needing Remediation by Diploma Type
The percentage of students requiring remediation continues to decline.

Early College Success
93% of Hoosier students achieved at least one indicator of early college success (enrolling in only non-remedial courses, persisting to a second year, or earning all credits attempted), but less than half achieved all three.

Success

On-Time Completion Rates
On-time completion rates are improving at both Indiana two-year and four-year colleges.
Purpose:
– Track progress toward completion goals
– Focus attention on achievement gaps
– Show bigger picture of student success

Data:
– Indiana publics; National Student Clearinghouse
– First-time, full-time degree seeking upon entry
– Focus on 2016 graduates:
  • On-time (same campus/same degree) Fall 2012 (4yr), Fall 2014 (2yr)
  • Extended 6-year (any campus/any degree): Fall 2010
KEY TAKEAWAYS

1. On-time college completion rates are consistently improving at all Indiana public campuses.

2. Progress must accelerate to close the achievement gap between minority students and their peers by 2025.

3. More students are on track to complete on time by earning 30 credits per year, with 21st Century Scholars making the largest gains.

Completion Achievement Gap Measure

INDIANA COMMISSION FOR HIGHER EDUCATION
ONLINE REPORT RESOURCES

• Annual and Supplemental Reports:
  http://in.gov/che/3155.htm

• Data Requests and Other Resources:
  http://in.gov/che/4530.htm
CHE DASHBOARDS

- College Readiness
- Completion
- Return on Investment (ROI)
- Enrollment and Degree Facts
- Scholar Success Progress
- College Value Index
- FAFSA Completion

View them all at: https://public.tableau.com/profile/che.staff
EXPANDING RETURN ON INVESTMENT
OUTLINE FOR DISCUSSION

- Review of report’s purpose
- Review of current ROI metrics and methodology
- Preview draft of upcoming main report and dashboard
- Gather feedback and brainstorm future analyses and resources that can be provided
Key Driving Questions:

- How much does college cost in Indiana?

- What is the average student debt of graduates?

- What are the job prospects and earning potential associated with a college degree?

- What is the return on investment of higher education to students and the state?
COST AND STUDENT DEBT DATA

- Annual cost of college BEFORE and AFTER financial aid
  - Cost of Attendance and Average Net Price sourced from IPEDS

- Percentage of graduates with debt and average debt of graduates
  - Debt data sourced from college data systems

<table>
<thead>
<tr>
<th>STATEWIDE</th>
<th>Annual cost of college BEFORE financial aid</th>
<th>Annual cost of college AFTER financial aid</th>
<th>Average debt upon graduation (for students with debt)</th>
<th>Percentage of students with debt at graduation</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALL FOUR-YEAR COLLEGES (Bachelor’s Degrees)</td>
<td>$23,322</td>
<td>$11,161</td>
<td>$26,999</td>
<td>67.7%</td>
</tr>
<tr>
<td>ALL TWO-YEAR CAMPUSES (Associate Degrees)</td>
<td>$18,905</td>
<td>$7,085</td>
<td>$17,132</td>
<td>48.9%</td>
</tr>
<tr>
<td>STATEWIDE (Associate and Bachelor’s)</td>
<td>$21,170</td>
<td>$9,616</td>
<td>$25,845</td>
<td>64.8%</td>
</tr>
</tbody>
</table>
• Historically, key metrics have been:
  - Percentage of graduates employed in Indiana
  - Median earnings of graduates employed in Indiana

• Data matching between ICHE and DWD.
  – Traditionally, data have been matched and aggregated by DWD and provided back to ICHE

• 1, 5, 10 Year outcomes measured on rolling cohorts

• Some limitations of the data:
  – Only employment outcomes in Indiana are captured
  – Do not capture those employed by the Federal Government or those who are self-employed
EMPLOYMENT METRIC CALCULATIONS

• Employment outcomes include:
  – Graduates with more than 2 quarters of wage data after graduation
  – Graduates with a total annualized wage ≥ $13,195*
    • Wages are annualized based on the number of quarters of data
    • Wages include 4 quarters starting 2 quarters after graduation

• Students continuing higher education enrollment are excluded from employment calculations

• 1, 5, 10 year outcomes after graduation are measured on rolling cohorts.
  – Example: 2013-2015 (1 Year After Grad), 2009-2011 (5 Years After Grad), 2004-2006 (10 Years After Grad)
PREVIEW OF UPCOMING ROI REPORT UPDATE

• Main report
  – Focus on statewide estimates of value of higher education to the student and state
  – Exploratory analyses on the effect of time to degree on cost

• Dashboard
  – Statewide, institution, and program-level data provided
RETURN ON INVESTMENT REPORTS 2018

RETURN ON INVESTMENT

An investment in higher education may be the smartest purchase Hoosiers ever make. The value of a college degree is undeniable... more opportunities, higher earnings, and greater job security. The Indiana Commission for Higher Education’s Return on Investment reports address important questions about the value of college to students and to the state.

To learn more select a college, degree, and program area:
(data not available for every institution, degree and program)

THE PIPELINE

Indiana public colleges are more productive than ever before, but the total number of graduates produced each year varies by institution, program, and degree level.

# of Bachelor’s graduates

• Exploring record-level wage data for the first time/contouring ROI metric methodology.

Examples:
  – Explore several methods for calculating employment status (found in wage data, continuous full-time employment, etc.)
  – Measuring the same students over time rather than using rolling cohorts
  – Pre/post wage analysis for students enrolling in higher education with prior work experience

• Also, provide a more granular focus on program-specific data and regional/county employment data
ROI INPUT & FEEDBACK

• How do you use employment outcome data on your campuses?

• What questions are you receiving when asked to measure ROI?

• What advice do you have?

• Are there certain types of analyses that you would like to see?
QUESTIONS?

• Contact Information:
  – Gina Deom: GDeom@che.in.gov
  – Jordan Allen: JAllen@che.in.gov

• Data Requests: Data@che.in.gov

For more information, visit http://in.gov/che/
INDIANA COMMISSION for
HIGHER EDUCATION