Expanding Educational and Employment Outcomes with Illinois College 2 Career

2019 ISAC College Changes Everything Conference: Expanding Success for All Students – Every Community’s Responsibility

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Illinois Department of Employment Security | Economic Information & Analysis Division
Using Administrative Data

- Introducing concepts
- Ongoing projects:
  - WRAP Initiative
  - Post-secondary workforce outcomes (IR tool and student/parent app)
  - Life long learning and intergenerational mobility of High School students (IR tool and student/parent app)
- Existing projects have similar capabilities across platforms (IR tool and student/parent app)
- Working with other state agencies
History of Workforce Outcomes Projects

- **71,000 training completers - Workforce Readiness through Apprenticeships and Pathways (WRAP) Initiative**
  - 33,000 Youth and 38,000 Non-Youth training completers 2012-2014
  - Associated Builders and Contractors IL, CompTia, DeVry University, IL Community College Board, IL Dept of Commerce and Economic Opportunity, Jane Addams Resource Center and Manufacturing Skills Standards Council
  - Data linkages: completers to IDES career outcomes

- **320,000 post-secondary graduates**
  - IBHE 69 institutions (private and public) 2013-2014; ICCB 48 institutions 2010-2014
  - Data linkages: graduates to post-secondary enrollment and IDES career outcomes
  - student/parent mobile app and institutional researcher portal

- **Nearly 2 million high school seniors**
  - Illinois High Schools 2003-2016
  - Data linkages: seniors to FAFSA applications, postsecondary enrollment/completion, and IDES career outcomes
  - student/parent mobile app (outcomes and life-long learning) and institutional researcher portal (outcomes and intergenerational mobility)
What is ILCollege2Career?

- ILCollege2Career is a website for students and parents to make more informed decisions about their higher education choices in Illinois.
- Career outcomes are provided by institution and program of study and by occupation.
- The tool connects higher education data to employment data and allows for greater transparency in understanding the workforce outcomes of graduates in Illinois.
What does the tool do?

- Includes all 48 public 2-year community colleges 2010-2015
- Includes 69 4-year colleges and universities in Illinois 2014-2015
- Has 20+ different metrics
- Has up-to-date information about each schools’ financial aid packages, application requirements, and contact information;
- Highlights real career pathways for graduates of different programs at different schools
- Includes career outcome metrics by program of study at a particular school:
  - average earnings
  - earning growth
  - job stability
  - % employed in IL
  - % continuing education beyond first degree
  - top 3 industries
Audiences

Students/parents:
Prospective parents and students have access to more transparent and specific information about their post-secondary options, including employment outcomes (job stability, earnings, etc.) and make more informed choices.

Higher Education Institution:
University and college administrators will be able to use the information to better understand the real labor market outcomes of their graduates, better prepare students for entry into the workforce, and make programmatic adjustments and policy changes based on real data.

High Schools:
School guidance counselors will be able to help students navigate their college choices by using true career employment outcomes for each program at each school in the state.
Partnerships

• Illinois Board of Higher Education (IBHE)
• Illinois Community College Board (ICCB)
• Illinois Student Assistance Commission (ISAC)
• Illinois Department of Employment Security (IDES)
• Illinois State University (ISU)
• Illinois State Board of Education (ISBE) for the ILHighSchool2Career tool matched to FASFA records provided by ISAC
Agreements, Governance, Disclosure Proofing

- **Agreements** – MOU with IBHE, ICCB, IDES, ISAC, ISU
- **Data governance** – match of students’ data is done at ISU and is augmented by additional characteristics harvested from White House Scorecard, College Navigator, and IPEDS Data Center by ISAC, who designed the website
- **Disclosure proofing**
  - data is de-identified
  - the disaggregation of outcomes down to the program level
  - data is suppressed if there are less than 10 individual students behind the information
  - non-career outcome metrics displayed are sourced from tools already publically available, such as IPEDS, CIS, college navigator, and the college scorecard
Enhanced Approach to Workforce Outcomes

• Unit of analysis: pairing of SSN and Employer UI Account
• Outcome comparisons by program completion linked to workforce connectivity (cross-sectional and time series comparisons)
• Expanded measures of career outcomes
  • Primary (career) vs secondary job earnings
  • Career pathways
• Implemented at US Bureau of Census (Local Employment Dynamics)
  • benchmark graduate outcomes to all IL workers by demographic groups
Colleges and Universities

Student / Parent / Educator *Mobile* App

Was released to the public by the Governor at Cabinet meeting in September 2018

[ILCollege2Career.com](http://ILCollege2Career.com)
➢ Colleges are sorted from the best to the worst fit based on the criteria chosen.

➢ Screen displays four preselected categories (out of possible 19) First two categories are college related - cost after aid, and student debt as the default. The next two categories are area-of-study based - earnings and earnings growth in Illinois as the default.

➢ Drop down menu lets the user select school details, graduates entering the job market, and graduates continuing education programs
➢ “Graduates entering the job market” provides information on the top three industries where graduates from selected colleges and programs of study are working, the percent employed, average earnings, earnings growth, and job stability in Illinois.

➢ “Graduates continuing education” provides continued enrollment rates by college both in-state and out-of-state.

➢ Illinois College2Career provides a link to the Career Information System for additional career exploration.
Illinois College2Career **Scenario One**
Two Year A.A.S. Legal Professions - Paralegal

<table>
<thead>
<tr>
<th>College Categories</th>
<th>Area-of-Study Categories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuition and Fees (Out-of-District)</td>
<td>Student Debt</td>
</tr>
<tr>
<td>Wilbur Wright College - CCC (In-District)</td>
<td></td>
</tr>
<tr>
<td>$3,506 In-District</td>
<td>$4,500</td>
</tr>
<tr>
<td>Elgin Community College</td>
<td></td>
</tr>
<tr>
<td>$10,452</td>
<td>$5,393</td>
</tr>
</tbody>
</table>

**Paralegals**

Paralegals research and investigate facts for lawyers.

Select a Region
- **Illinois**

**Wages**
- Earn $54,674 per year.

**Employment**
- Large

**10 Year Growth**
- Average

**Annual Openings**
- Above Average
Illinois College2Career Scenario Two
Two Year A.A. to Four Year B.A.
Med Assistant → Health Svcs Administrator

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<tr>
<td></td>
<td>Student Debt</td>
</tr>
<tr>
<td></td>
<td>Earnings In IL</td>
</tr>
<tr>
<td></td>
<td>Earnings Growth In IL</td>
</tr>
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</table>

### Richard J. Daley College - CCC (In-District)
- $3,506 (In-District)
- $4,500
- $57,674
- 8.5%

### Malcolm X College - CCC (In-District)
- $3,506 (In-District)
- $6,000
- $30,847
- 7.6%

Medical Assistants

Medical assistants help care for patients. They carry out routine treatments, run lab tests, and maintain office records.

Select a Region
- Illinois

**Quick Facts**

- **Wages**: Earn $33,337 per year.
- **Employment**: Very Large
- **10 Year Growth**: Bright
- **Annual Openings**: Above Average
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<td>Cost After Aid</td>
<td>Student Debt</td>
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<td>$16,330</td>
<td>$24,022</td>
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Saint Xavier University

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<td>Cost After Aid</td>
<td>Student Debt</td>
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<tr>
<td>$13,527</td>
<td>$18,750</td>
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</table>

University of Illinois at Chicago

Health Services Administrators
- Health services administrators plan and direct health care services.

Select a Region
Illinois

Wages: Earn $99,494 per year.
Employment: Large
10 Year Growth: Average
Annual Openings: Above Average
Illinois College2Career Scenario Three
Four Year B.S. Business – Accountants and Auditors

ACCOUNTANTS AND AUDITORS

Quick Facts

Accountants and auditors assemble, analyze, and check the accuracy of financial information.

Select a Region

Cook County

Wages

Earn $72,469 per year.

Employment

Very Large

10 Year Growth

Bright

Annual Openings

Above Average
Next steps

- **Post secondary workforce outcomes**
  - Feedback link on the student/parent tool
  - New cohort updates
  - Adding enhancements reported in the feedback
  - Working with partners to plan workshops with institutional researchers
  - Data explorer capabilities in IR tool

- **High school life long learning and intergenerational mobility**
  - HS2C student/parent tool will be released to the public in Fall 2019
  - Feedback loop
  - Cohort updates
  - Stay with us for the next presentation of **IL High School 2 Career** a smartphone-enabled website for students and parents during our **11:40:12:30pm session titled Career Outcomes**
    Illinois High School Seniors held in this room
Your Career Begins Here
Learn about occupations, wages, employment outlook and more.

Find educational programs and training opportunities.

Link to resources designed for students, job seekers, and career changers.

Explore lifestyle choices using Reality Check.

https://ilcis.intocareers.org
Career Information System

Topic Highlights

https://ilcis.intocareers.org
QUESTIONS?
Expanding Educational and Employment Outcomes with Illinois College 2 Career

Thank you!

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