Industry Certification and Education Performance Data System – Preliminary Project Results

July 2020
Disclaimer

Any opinions and conclusions expressed herein are those of the authors and do not reflect the views of the U.S. Census Bureau.

The Census Bureau’s Disclosure Review Board has approved all statistics and estimates presented today for public release under approval numbers CBDRB_FY2020-CES010-007 and CBDRB-FY2020-CES010-012.
Agenda

• Project Partners
• Initiative Overview
• Clearinghouse Data to Census Bureau Highlights
• Preliminary Census Bureau Results
• Future Direction
• Questions
Project Partners and Funders

National Association of Manufacturers

Manufacturing Institute

National Student Clearinghouse

United States Census Bureau

Lumina Foundation
How the Industry Certification and Education Performance Data System Will Work

Colleges/States

Industry credential information

Course/credit information

Education outcomes

Aggregate wage outcomes for credential programs

Student level credential information

Aggregate wage outcomes for STCU cohort

Student level credential information

National Association of Manufacturers

AWS

MSSC

NIMS

Colleges/States

National Association of Manufacturers
Clearinghouse Data to Census Bureau

- Matched student level industry credential attainment information with Clearinghouse enrollment and degree attainment information

- Provided directory information only under FERPA for enrollment and degree attainment to Census Bureau

- Match rates between industry credential attainment and enrollment and degree information at Clearinghouse will improve over time as data collection of key matching elements like date of birth improves
Matching Industry Credentials & Postsecondary Education

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<th>File Creation Date</th>
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<tr>
<td>Postsecondary Education (PSE)</td>
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<tr>
<td>Outcomes Tracking Period</td>
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<td>Any Degree</td>
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<tr>
<td>Any Degree - PhD</td>
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<tr>
<td>Any Degree - Professional</td>
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<td>Any Degree - Masters</td>
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<tr>
<td>Any Degree - Bachelors</td>
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<td>Any Degree - Associates</td>
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<tr>
<td>Any Degree - Certificate</td>
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<tr>
<td>Any Degree - PSE Credential</td>
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<td>Any Degree - No Degree</td>
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<tr>
<td>PSE Enrollment, No Degree</td>
<td>28.64%</td>
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<tr>
<td>No PSE Enrollment, No Degree</td>
<td>57.76%</td>
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</tbody>
</table>
Average Earnings Since Last Credential

By Education Level Attained

Average wages

Years since last credential

-5 0 5

Credentia: Credential
CC Certificate
CC Associates
Bachelors

CBDRB-FY2020-CES010-007
Average wages since last credential
By maximum level completed

Average wages

Levels:
- Level 1
- Level 2

Years since last credential

CBDRB-FY2020-CES010-007
Average wages since last credential
By maximum level completed

Years since last credential

Levels:
- Level 1
- Level 2
- Level 3
- Level 4

CBDRB-FY2020-CES010-007
Industry Employment Before and After Last Credential

- Manufacturing: 27%
- Administrative & Support/Waste Management: 10%
- Retail Trade: 12%
- Transportation & Warehousing: 12%
- Accommodation & Food Services: 12%
- Other: 5%
- Not specified: 6%

Before Last Credential:
- Manufacturing: 41%
- Other: 22%
- Not specified: 9%
- Accommodation & Food Services: 5%
- Administrative & Support/Waste Management: 5%
- Retail Trade: 12%
- Transportation & Warehousing: 12%
Future Direction

- Analyzing geographical impacts of wages
- Understanding types and sizes of employers for this population
- Assessing retention in industry over time
- Sending new populations of industry credential attainment data to Census Bureau
- Continuing this pilot research with the Census Bureau into 2021
Questions

Contact Information:

Vanessa Brown
Managing Director, Strategic Initiatives, NSC
vbrown@studentclearinghouse.org
703-742-3244

Gardner Carrick
Vice President, Strategic Initiatives, NAM/MI
gcarrick@nam.org
202-637-3491

Margaret Jones
Senior Economist, Census Bureau
margaret.r.jones@census.gov
301-763-3303