

Ohio Means Internships & Co-ops Program

ANNUAL REPORT

December 31, 2021



Department of
Higher Education



In accordance with Section 3333.041 of the Ohio Revised Code, the Ohio Department of Higher Education is required to report on the academic and economic impact of Ohio's co-op/internship program. The report is required to include information on the following:

- Progress and performance metrics for each initiative that received an award in the previous fiscal year;
- Economic indicators of the impact of each initiative, and all initiatives as a whole, on the regional economies and the statewide economy; and
- The chancellor's strategy in allocating awards among state institutions of higher education and how the actual awards fit that strategy.

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Progress and performance metrics for each initiative that received an award in the previous fiscal year

The Ohio Means Internships & Co-ops (OMIC) program received funding through the Co-op Internship Program line item (GRF 235591) in state operating budgets from fiscal years 2014 to 2017. In this fiscal year, the Ohio Department of Higher Education did not receive an OMIC appropriation and made no awards. Although there were no grant awards made in fiscal year 2021, the grants awarded in prior years are still having an influence on student placements, as well as an economic impact, as outlined in Section II of this report.

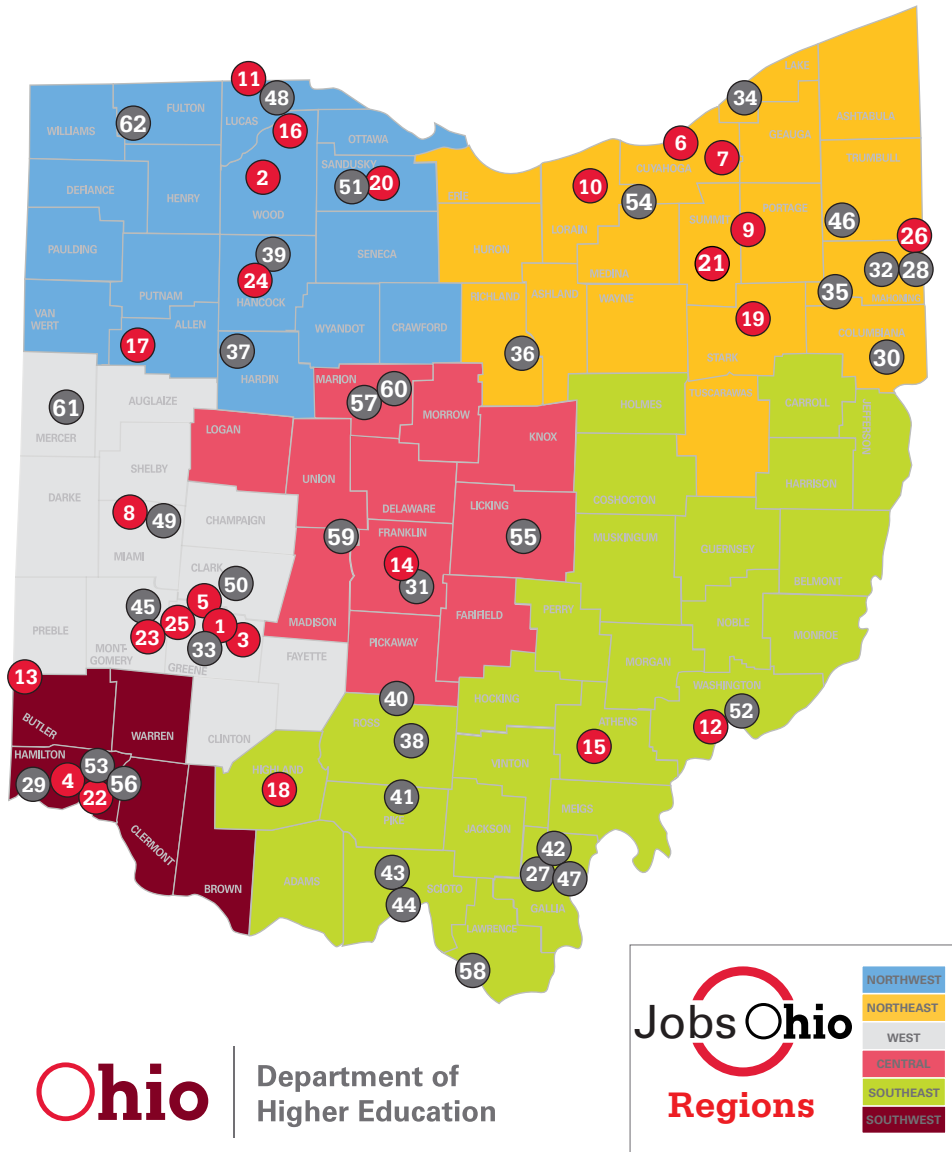
The following table and map display the distribution of total student placements reported by grantees over the life of the program (2014 to 2021:

GRANTEES	TOTAL STUDENT PLACEMENTS
Antioch College	20
Bowling Green State University	418
Central State University	23
Cincinnati State Technical & Community College	81
Clark State College	67
Cleveland State University	402
Cuyahoga Community College	477
Edison State Community College	46
Kent State University	207
Lorain County Community College	152
Lourdes University	37
Marietta College	25
Miami University	167
Ohio State University	188

GRANTEES	TOTAL STUDENT PLACEMENTS
Ohio University	18
Owens Community College	239
Rhodes State College	486
Southern State Community College	241
Stark State College	351
Terra State Community College	63
University of Akron	115
University of Cincinnati	2,698
University of Dayton	203
University of Findlay	138
University of Toledo	172
Wright State University	471
Youngstown State University	202
GRAND TOTAL:	7,707

Placements based on total OMIC grantee reporting to date.

OMIC Grantees (and their Partner Institutions) 2014-2021



Ohio | Department of Higher Education

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| <p>1. Antioch College
13. Miami University</p> <p>2. Bowling Green State University
37. Ohio Northern University
62. Northwest State Community College</p> <p>3. Central State University
33. Greene County OTC</p> <p>4. Cincinnati State Technical & Community College</p> <p>5. Clark State College
50. Urbana University</p> <p>6. Cleveland State University
7. Cuyahoga Community College</p> <p>7. Cuyahoga Community College
34. Lakeland Community College
54. Baldwin Wallace University</p> <p>8. Edison Community College
49. Upper Valley OTC</p> <p>9. Kent State University
37. Ohio Northern University</p> <p>10. Lorain County Community College</p> <p>11. Lourdes University
48. University of Toledo</p> <p>12. Marietta College</p> <p>13. Miami University</p> <p>14. Ohio State University
31. Columbus State Community College
36. North Central State College
55. C-TEC Career & Technology Centers of Licking County
57. Marion Technical College
59. Tolles OTC
60. Tri-Rivers OTC</p> <p>15. Ohio University</p> <p>16. Owens Community College</p> <p>17. Rhodes State College</p> | <p>18. Southern State Community College
27. Buckeye Hills OTC
38. Ohio University - Chillicothe
40. Pickaway-Ross OTC
41. Pike County OTC
42. Rio Grande Community College
43. Scioto County OTC
44. Shawnee State University
47. University of Rio Grande
52. Washington State Community College
58. Ohio University - Southern</p> <p>19. Stark State College</p> <p>20. Terra State Community College
51. Vanguard-Sentinel OTC</p> <p>21. University of Akron</p> <p>22. University of Cincinnati
4. Cincinnati State Community & Technical College
13. Miami University
29. College of Mount St. Joseph
53. Xavier University
56. Great Oaks Institute of Technology & Career Dev</p> <p>23. University of Dayton
45. Sinclair Community College</p> <p>24. University of Findlay
39. Owens Community College (Findlay Campus)</p> <p>25. Wright State University
61. Wright State University - Lake</p> <p>26. Youngstown State University
28. Choffin OTC
30. Columbiana County OTC
32. Eastern Gateway Community College
35. Mahoning County OTC
46. Trumbull OTC</p> |
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LEAD INSTITUTION (Red circle)

PARTNER INSTITUTION (Grey circle)

Note: Some Lead Institutions are also Partner Institutions

II

Economic indicators of the impact of each initiative, and all initiatives as a whole, on the regional economies and the statewide economy

Colleges and universities placed students across the range of industry sectors that drive Ohio’s regional and statewide economies. OMIC opportunities result from strong campus partnerships with local and regional businesses. This engagement demonstrated the benefits for students and businesses in developing a talent pipeline and fulfilling workforce needs. Manufacturing businesses accounted for the largest industry participating in the program, showing the significance of this sector to Ohio’s economy. This was followed by professional, scientific, and technical services, which also include accounting, engineering, design, consulting, and public relations/media businesses. The following data reported by the grantees encompass OMIC initiatives from 2014 to 2021, indicating the range of impacted industries and occupations.

North American Industry Classification System (NAICS) of OMIC Businesses

Code	Industry Title	Number of Businesses	Percentage	Code	Industry Title	Number of Businesses	Percentage
31-33	Manufacturing	644	37.6%	42	Wholesale Trade	46	2.7%
54	Professional, Scientific, and Technical Services	281	16.4%	48-49	Transportation and Warehousing	38	2.2%
52	Finance and Insurance	110	6.4%	56	Administrative and Support and Waste Management and Remediation Services	33	1.9%
44-45	Retail Trade	109	6.4%	22	Utilities	23	1.3%
81	Other Services	82	4.8%	61	Educational Services	23	1.3%
51	Information	78	4.6%	71	Arts, Entertainment and Recreation	20	1.2%
23	Construction	71	4.1%	72	Accommodation and Food Services	18	1.1%
11	Agriculture, Forestry, Fishing, and Hunting	49	2.9%			1,713*	100%
62	Health Care and Social Assistance	49	2.9%				

*Industries that made up less than 1% were not included

The top three occupational fields for student co-ops and internships placed throughout the OMIC program were architecture and engineering, computer and mathematical, and production operations. Below is the distribution of the percentage of co-ops and interns in each occupational field.

Standard Occupational Classification (SOC) of OMIC Internships and Co-ops

SOC	Occupation	Percentage
17-0000	Architecture and Engineering Occupations	30.0%
13-0000	Business and Financial Operations Occupations	18.2%
15-0000	Computer and Mathematical Occupations	11.6%
51-0000	Production Occupations	9.9%
49-0000	Installation, Maintenance and Repair Occupations	9.5%
11-0000	Management Occupations	4.7%
41-0000	Sales and Related Occupations	2.1%
19-0000	Life, Physical and Social Science Occupations	2.1%
43-0000	Office and Administrative Support Occupations	1.8%
31-0000	Healthcare Support Occupations	1.8%
27-0000	Arts, Design, Entertainment, Sports and Media Occupations	1.2%
43-0000	Community and Social Service Occupations	1.1%

Note: Occupations that made up less than 1% were not included.

Student Internship and Co-op Majors

The largest percentage of students hired as interns or co-ops studied engineering, followed by business and sciences. The OMIC program demonstrated a gradual shift from focusing on placing students in technical and business majors to providing opportunities for business and liberal arts students that also led to positions in high-demand occupations. Faculty outreach and support for internships and co-ops were critical factors in attracting new majors and students.

The following data reported by the grantees encompass OMIC initiatives from 2014 to 2021, indicating the wage, graduation, and employment impact on the regional and statewide economies:

7,707 students were placed in OMIC programs:

- 4,946 co-ops
- 2,761 internships

Total private match includes wages, business support, and other investment:

- \$34,641,800 total match investment
- Total wages earned by OMIC co-ops and interns are more than \$33.1 million since program inception.

Grades, graduation, and employment:

- 3.25 average GPA of OMIC co-ops & interns.
- 1,645 OMIC students graduated and are employed in Ohio.
- Of those reported, OMIC students working in Ohio are earning more than \$44,716 on average.
- Other students who have graduated are working outside of Ohio, enrolled in graduate school, or have joined the military.



The chancellor's strategy in allocating awards among state institutions of higher education and how the actual awards fit that strategy

The chancellor's strategy emphasized developing institutional collaborations, and new and expanded partnerships with businesses in the six JobsOhio regions, which led to placement of students in co-op and internship opportunities while increasing Ohio's skilled workforce. The Ohio Means Internships and Co-ops program began in 2014 with grants to 26 colleges and universities and their 31 partner institutions. Beginning in 2015, the program transitioned to an annual award to the six JobsOhio regions, helping support economic development strategies to retain and attract businesses. OMIC grantees worked to engage more students and businesses in internships and co-ops while expanding and enhancing their ability to do so.

Success in retaining students in Ohio after graduation was a desired outcome of the OMIC program, demonstrated with 1,645 students working in Ohio after completing their program. The 1,713 business partners were the career launch pad for students as they move into their chosen field.

Each funded project since 2015 has involved regional consortia consisting of universities, community colleges, and Ohio Technical Centers cooperating to invest in activities benefitting students and businesses. This arrangement has allowed for the creation of regional advisory committees and pilot projects, including faculty training to promote and support work-based learning. Business assistance provided by institutions has ranged from preparing position descriptions and designing intern evaluation tools to improving curriculum in response to business practices.



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