



Ohio Means Internships & Co-ops Program Annual Report

December 31, 2018



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:

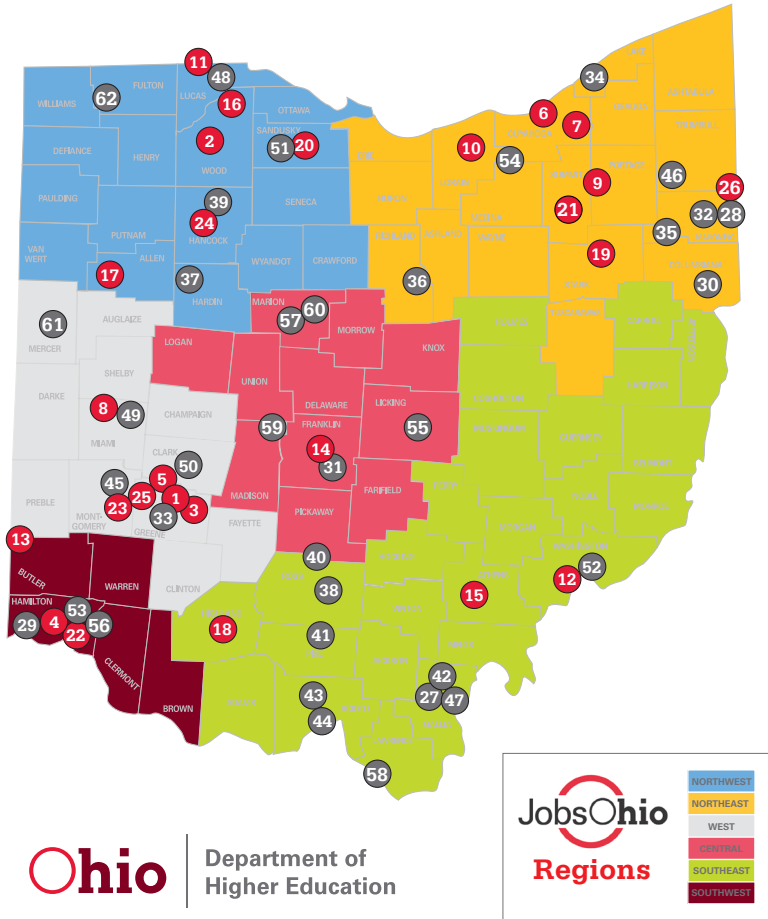
- Progress and performance metrics for each initiative that received an award in the previous fiscal year;
- Economic indicators of the impact of each initiative, and all initiatives as a whole, on the regional economies and the statewide economy; and
- The chancellor's strategy in allocating awards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

I: 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 2018, 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 over the life of the program (2014 to present):

GRANTEES	TOTAL STUDENT PLACEMENTS
Akron	112
Antioch College	6
Bowling Green	214
Central State	23
University of Cincinnati	2696
Cincinnati State	81
Clark State	27
Cleveland State	201
Cuyahoga Community College	477
University of Dayton	232
Edison	46
University of Findlay	108
Kent State	113
Lorain CCC	152
Lourdes	37
Marietta College	25
Miami University	157
Ohio State University	178
Ohio University	18
Owens	236
Rhodes	426
Southern State	148
Stark State	85
Terra State	63
University of Toledo	172
Wright State	232
Youngstown	202
GRAND TOTAL:	6467



OMIC Grantees (and their Partner Institutions) 2014-2018

- Antioch College**
13. Miami University
- Bowling Green State University**
37. Ohio Northern University
62. Northwest State Community College
- Central State University**
33. Greene County OTC
- Cincinnati State Technical & Community College**
- Clark State Community College**
50. Urbana University
- Cleveland State University**
7. Cuyahoga Community College
- Cuyahoga Community College**
34. Lakeland Community College
54. Baldwin Wallace University
- Edison Community College**
49. Upper Valley OTC
- Kent State University**
37. Ohio Northern University
- Lorain County Community College**
- Lourdes University**
48. University of Toledo
- Marietta College**
- Miami University**
- 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
- Ohio University**
- Owens Community College**
- Rhodes State College**
- 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
- Stark State College**
- Terra State Community College**
51. Vanguard-Sentinel OTC
- University of Akron**
- University of Cincinnati & Technical College**
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
- University of Dayton**
45. Sinclair Community College
- University of Findlay**
39. Owens Community College (Findlay Campus)
- Wright State University**
61. Wright State University - Lake
- Youngstown State University**
28. Choffin OTC
30. Columbiana County OTC
32. Eastern Gateway Community College
35. Mahoning County OTC
46. Trumbull OTC

● Lead Institution
● Partner Institution

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 partnerships with local and regional businesses. This engagement reflects 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 service, which also includes accounting, engineering, design, consulting, and public relations/media businesses.

North American Industry Classification System (NAICS) of OMIC Businesses

Code	Industry Title	Number of Businesses	Percentage
31-33	Manufacturing	610	41.0%
54	Professional, Scientific, and Technical Services	235	15.8%
52	Finance and Insurance	104	7.0%
81	Other Services (except Public Administration)	80	5.4%
44-45	Retail Trade	80	5.4%
51	Information	78	5.2%
62	Health Care and Social Assistance	63	4.3%
23	Construction	35	2.4%
56	Administrative and Support and Waste Management and Remediation Services	28	1.9%
11	Agriculture, Forestry, Fishing and Hunting	27	1.8%
42	Wholesale Trade	26	1.7%
48-49	Transportation and Warehousing	24	1.6%
71	Arts, Entertainment and Recreation	23	1.5%
22	Utilities	19	1.3%
61	Educational Services	19	1.3%
		1,489*	100%

**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	23.8%
15-0000	Computer and Mathematical Occupations	17.6%
51-0000	Production Occupations	15.7%
13-0000	Business and Financial Operations Occupations	12.5%
49-0000	Installation, Maintenance and Repair Occupations	8.5%
11-0000	Management Occupations	5.4%
41-0000	Sales and Related Occupations	2.7%
47-0000	Construction and Extraction Occupations	2.2%
31-0000	Healthcare Support Occupations	2.0%
27-0000	Arts, Design, Entertainment, Sports and Media Occupations	1.7%
43-0000	Office and Administrative Support Occupations	1.6%
19-0000	Life, Physical and Social Science Occupations	1.2%
53-0000	Transportation and Material Moving Occupations	1.2%

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 demonstrates a gradual shift from focusing on placing students in technical and business majors to providing opportunities for business and liberal arts students that also lead to positions in in-demand occupations. Faculty outreach and support for internships and co-ops are critical factors in attracting new majors and students.

The following data reported by the grantees encompass OMIC initiatives from 2014 to 2018 indicating the wage, graduation, and employment impact on the regional and statewide economies:

6,467 students were placed in OMIC programs:

- 4,388 co-ops.
- 2,079 interns.

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

- \$26,703,358 total match investment.
- Total wages earned by OMIC co-ops and interns are more than \$23.4 million since program inception.

Grades, graduation, and employment:

- 3.20 average GPA of OMIC co-ops & interns.
- 1,168 OMIC students graduated and are employed in Ohio.
- Of those reported, OMIC students working in Ohio are earning more than \$34,900 on average.
- Other students who have graduated are working outside of Ohio, enrolled in graduate school, or have joined the military.

III. 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 emphasizes developing institutional collaborations, and new and expanded partnerships with businesses in the six JobsOhio regions, which lead 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 is a desired outcome of the OMIC program, demonstrated with 1,168 students working in Ohio after completing their program. The 1,489 business partners are the career launch pad for students as they move into their chosen field.

Each funded project since 2015 has involved regional consortiums 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 improve curriculum in response to business practices.

