Ohio Means Internships & Co-ops Program Annual Report

December 31, 2017

Ohio | Department of Higher Education

John R. Kasich, Governor
John Carey, Chancellor

Ohio MEANS internships & co-ops

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 Department of Higher Education awarded funds in the spring of 2017 to six regional consortiums of businesses through marketing, outreach, and community involvement.

The chart below outlines the institutional applicants, regional partners, projected student placements, and amount awarded in the six regional grants.

Lead Applicant (Region)	Regional Partners	Projected Student	Amount Awarded
University of Cincinnati (Southwest Ohio)	Cincinnati State CTC; Mount St. Joseph University; Xavier University; Miami University; Great Oaks	95	$285,833
The Ohio State University (Central Ohio)	Columbus State Community College; Marion Technical College; Marion City Schools; Central Ohio Technical College; Tri-Rivers Career Center	255	$285,833
Bowling Green State University (Northwest Ohio)	Owens Community College; Lourdes University; Northwest State Community College; Ohio Northern University; Rhodes State College; Terra State Community College; University of Toledo	81	$285,833
Kent State University (Northeast Ohio)	Cuyahoga Community College; Cleveland State University; Lakeland Community College; Lorain County Community College; Kent State University; Youngstown State University; North Central State College; University of Akron	171	$285,833
Southern State Community College (Southeast Ohio)	Scioto County CTC; Pickaway Ross County CTC; Ohio University Chillicothe; Buckeye Hills CTC; Ohio University Southern; Shawnee State University; Pike County CTC; Washington State Community College; Marietta College; Washington County Career Center	80	$285,833
University of Dayton (West Ohio)	Wright State University; Clark State Community College; Edison State Community College; Sinclair Community College	120	$285,833

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 economy. 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 includes accounting, engineering, design, consulting, and public relations/media firms, among others.

North American Industry Classification System (NAICS) of OMIC Businesses

Code	Industry Title	Number of Businesses	Percentage
31-33	Manufacturing	399	42.0%
54	Professional, Scientific, and Technical Services	134	14.2%
81	Other Services (except Public Administration)	75	8.0%
52	Finance and Insurance	62	6.6%
44-45	Retail Trade	49	5.5%
51	Information	46	4.9%
62	Health Care and Social Assistance	34	3.6%
23	Construction	31	3.3%
42	Wholesale Trade	21	2.2%
48-49	Transportation and Warehousing	20	2.1%
56	Administrative and Support and Waste Management and Remediation Services	16	1.7%
22	Utilities	14	1.4%
61	Educational Services	11	1.2%
		945	**100%**

The top three occupational fields for student co-ops and internships placed throughout the OMIC program were in Computer and Mathematical, Architecture and Engineering, and Production Operations. These three fields also had the highest average wage per student. 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
15-0000	Computer and Mathematical Occupations	18.7%
17-0000	Architecture and Engineering Occupations	18.6%
51-0000	Production Occupations	18.6%
13-0000	Business and Financial Operations Occupations	13.5%
49-0000	Installation, Maintenance and Repair Occupations	8.0%
11-0000	Management Occupations	4.5%
53-0000	Transportation and Material Moving Occupations	3.1%
31-0000	Healthcare Support Occupations	2.2%
41-0000	Sales and Related Occupations	2.2%
43-0000	Office and Administrative Support Occupations	2.1%
47-0000	Construction and Extraction Occupations	2.1%
19-0000	Life, Physical and Social Science Occupations	1.9%
27-0000	Arts, Design, Entertainment, Sports and Media Occupations	1.9%

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 successful transition from a focus on placing students in technical and business majors, given that these majors are generally in-demand and lead to higher-paying jobs. Faculty outreach and support for internships and co-ops are critical factors in attracting new majors and students.

The following data encompasses OMIC initiatives as a whole, indicating the wage, graduation, and employment impact on the regional and statewide economies:

5,748 students were placed in OMIC internship and co-op programs:

- 3,976 co-ops.
- 1,772 interns.

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

- $24,556,670 total match investment.
- Total wages earned by OMIC co-ops and interns are more than $22.5 million since program inception.

Grades, Graduation, and Employment:

- 3.26 average GPA of OMIC co-ops & interns.
- 2,241 OMIC students graduated and are employed in Ohio.
- Of those reported, OMIC students working in Ohio are earning over $39,000 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 leading to placement of students in co-op and internship opportunities and increasing Ohio's skilled workforce. The Ohio Means Internship and Co-op (OMIC) 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 2,241 students working in Ohio after completing their program. The 945 business partners are the career launch pad for students as they move into the 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, designing intern evaluation tools, and improving curriculum in response to business practices.

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