

Ohio Public Four-Year Universities – Regional Campus Employment Outcomes by Program - Industry

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Description

This report provides employment industry of graduates and certificate completers by program, as identified in ODHE's Higher Education Information System (HEI). The report includes a list of programs by Classification of Instructional Programs (CIP) code, separately for each level of degree or certificate and each campus (for four-year universities). We report graduates and certificate completers who finish during the terms summer 2008 through spring 2013, along with the number found working in Ohio two calendar quarters after the date of graduation or completion, and the breakdown of industry of employment for each program. Note that because we do not report groups of fewer than 10 individuals, there are many graduates working in industries that are not reported due to the fact that fewer than 10 from a particular program were found in that industry.

Methods

Individual graduates and certificate completers were identified through HEI. HEI provides the level of degree, a term of graduation, and the subject of the degree (by CIP code). In addition, for all four-year schools (except Ohio State), HEI provides the campus from which the individual graduated. Using these variables we identified the individuals graduating or completing a certificate, by level, by subject, by campus. An individual may appear in more than one category. For example, if an individual earned a bachelor's degree in both math and biology, the person would add to the number of graduates in both groups. However, an individual will only be counted one time in each category. For example, if the individual earns two certificates in welding at the same campus, the person would only be counted once. If a person earns multiple degrees or certificates, employment is identified two quarters after the most recent degree or certificate earned between summer 2008 and spring 2013.

The industry of employment in which individual graduates and completers were found was identified by matching the individuals identified in HEI with administrative records from the Unemployment Insurance (UI) system. The Ohio Department of Job and Family Services collect quarterly earnings from all employers in Ohio who are required to report to the UI system, including the industry of that employer (categorized by North American Industry Classification System (NAICS) code). As a result, the UI wage data include only those individuals working in Ohio who are neither Federal employees nor self-employed; those groups of individuals do not pay into Ohio's unemployment insurance system, and thus are not captured by the UI administrative data. For reference, in Ohio in 2010 about 1.5% of workers were Federal employees, and about 5% of workers were self-employed.¹

OERC reports outcomes only for those groups of 10 or more individuals, to avoid re-identification of any particular individual. There are some combinations of campus, level, and subject that have fewer than 10 graduates, even over five years. Further, there are a number of categories of industry that are not reported because fewer than 10 graduates from a particular program are found working in that industry.

¹ Bureau of Labor Market Information, Ohio Department of Job and Family Services, Industry Detail, <http://ohiolmi.com/proj/OhioJobOutlook.htm> (accessed February 19, 2016).

The program line identifies the number of graduates, and how many were found employed in in Ohio two calendar quarters following graduation. This line shows 263 associate's degrees in computer systems analysis; of those, 207 were found working in Ohio.

Each report is organized by level of degree. All programs following this header are associates-level graduates.

These columns show the number and percent of Ohio-employed graduates in each industry. For example, 17% of Akron's associate's-level graduates in computer systems analysis who were found working in Ohio were employed in the Professional, Scientific, and Technical industry.

Industry of employment by degree type, 2009-2013 graduates

University of Akron Main Campus - Associate's degree			
Program	Program graduates	Employed in Ohio	
110501: Computer Systems Analysis/Analyst	263	207	
Industry		n	%
54: Professional, Scientific, Technical		35	17%
44: Retail Trade		23	11%
55: Management of Companies		21	10%
56: Admin./Support/Waste Mgmt/Remed		20	10%
31: Manufacturing		19	9%
Program	Program graduates	Employed in Ohio	
120503: Culinary Arts/Chef Training	61	54	
Industry		n	%
72: Accommodation and Food Services		24	44%
62: Health Care and Social Assistance		10	19%
Program	Program graduates	Employed in Ohio	
139999: Education, Other	36	30	
Industry		n	%
62: Health Care and Social Assistance		21	70%
Program	Program graduates	Employed in Ohio	
150303: Electrical, Electronic and Communications Engineering	62	50	
Industry		n	%
31: Manufacturing		20	40%
Program	Program graduates	Employed in Ohio	
150613: Manufacturing Engineering Technology/Technician	27	20	
Industry		n	%
31: Manufacturing		17	85%

These are the industries that at least ten graduates of the computer systems analysis program were found working.

Because we can only report groups of at least 10 people, there are quite a few degree programs with only one industry reported. For example, manufacturing engineering tech graduates are primarily found in Manufacturing (85%).

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Less than four-year certificate		
Program	Program graduates	Employed in Ohio
440799: Social Work, Other	19	17
Industry		n %
62: Health Care and Social Assistance		15 88%
Program	Program graduates	Employed in Ohio
510705: Medical Office Management/Administration	48	38
Industry		n %
62: Health Care and Social Assistance		13 34%
Program	Program graduates	Employed in Ohio
510714: Medical Insurance Specialist/Medical Biller	46	34
Industry		n %
62: Health Care and Social Assistance		12 35%
Program	Program graduates	Employed in Ohio
510716: Medical Administrative/Executive Assistant and Medical Secretary	38	28
Industry		n %
62: Health Care and Social Assistance		10 36%
Program	Program graduates	Employed in Ohio
510801: Medical/Clinical Assistant	53	39
Industry		n %
62: Health Care and Social Assistance		30 77%
Program	Program graduates	Employed in Ohio
510904: Emergency Medical Technology/Technician (EMT Paramedic)	203	145
Industry		n %
92: Public Administration		78 54%
62: Health Care and Social Assistance		43 30%
Program	Program graduates	Employed in Ohio
510909: Surgical Technology/Technologist	34	31
Industry		n %
62: Health Care and Social Assistance		30 97%
Program	Program graduates	Employed in Ohio
520101: Business/Commerce, General	161	73
Industry		n %
62: Health Care and Social Assistance		29 40%
31: Manufacturing		12 16%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree			
Program	Program graduates	Employed in Ohio	
100201: Photographic and Film/Video Technology/Technician and Assistant	101		70
Industry		n	%
44: Retail Trade		20	29%
72: Accommodation and Food Services		11	16%
Program	Program graduates	Employed in Ohio	
100202: Radio and Television Broadcasting Technology/Technician	96		47
Industry		n	%
44: Retail Trade		16	34%
Program	Program graduates	Employed in Ohio	
100308: Computer Typography and Composition Equipment Operator	71		56
Industry		n	%
31: Manufacturing		22	39%
56: Admin./Support/Waste Mgmt/Remed		12	21%
Program	Program graduates	Employed in Ohio	
110101: Computer and Information Sciences, General	56		39
Industry		n	%
44: Retail Trade		17	44%
Program	Program graduates	Employed in Ohio	
110202: Computer Programming, Specific Applications	371		251
Industry		n	%
44: Retail Trade		44	18%
31: Manufacturing		37	15%
54: Professional, Scientific, Technical		32	13%
61: Educational Services		22	9%
56: Admin./Support/Waste Mgmt/Remed		21	8%
Program	Program graduates	Employed in Ohio	
110401: Information Science/Studies	47		33
Industry		n	%
44: Retail Trade		11	33%
Program	Program graduates	Employed in Ohio	
131205: Secondary Education and Teaching	62		49
Industry		n	%
72: Accommodation and Food Services		16	33%
44: Retail Trade		15	31%
Program	Program graduates	Employed in Ohio	
131209: Kindergarten/Preschool Education and Teaching	186		121
Industry		n	%
62: Health Care and Social Assistance		52	43%
61: Educational Services		24	20%
44: Retail Trade		15	12%
Program	Program graduates	Employed in Ohio	
131210: Early Childhood Education and Teaching	28		20
Industry		n	%
62: Health Care and Social Assistance		10	50%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree			
Program	Program graduates	Employed in Ohio	
139999: Education, Other	239		
Industry		n	%
61: Educational Services		63	36%
62: Health Care and Social Assistance		53	30%
44: Retail Trade		29	16%
72: Accommodation and Food Services		18	10%
Program	Program graduates	Employed in Ohio	
150000: Engineering Technology, General	68		
Industry		n	%
31: Manufacturing		17	34%
Program	Program graduates	Employed in Ohio	
150399: Electrical and Electronic Engineering Technologies/Technicians, Other	49		
Industry		n	%
31: Manufacturing		19	48%
Program	Program graduates	Employed in Ohio	
150805: Mechanical Engineering/Mechanical Technology/Technician	94		
Industry		n	%
31: Manufacturing		56	70%
Program	Program graduates	Employed in Ohio	
151202: Computer Technology/Computer Systems Technology	147		
Industry		n	%
44: Retail Trade		21	19%
54: Professional, Scientific, Technical		19	17%
56: Admin./Support/Waste Mgmt/Remed		12	11%
Program	Program graduates	Employed in Ohio	
159999: Engineering Technologies and Engineering-Related Fields, Other	107		
Industry		n	%
31: Manufacturing		20	28%
44: Retail Trade		15	21%
72: Accommodation and Food Services		12	17%
Program	Program graduates	Employed in Ohio	
190706: Child Development	61		
Industry		n	%
62: Health Care and Social Assistance		25	58%
Program	Program graduates	Employed in Ohio	
190707: Family and Community Services	43		
Industry		n	%
62: Health Care and Social Assistance		19	58%
Program	Program graduates	Employed in Ohio	
220302: Legal Assistant/Paralegal	118		
Industry		n	%
54: Professional, Scientific, Technical		33	38%
62: Health Care and Social Assistance		13	15%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree			
44: Retail Trade		11	13%
Program	Program graduates	Employed in Ohio	
240101: Liberal Arts and Sciences/Liberal Studies	1359	949	
Industry		n	%
62: Health Care and Social Assistance		233	25%
44: Retail Trade		204	21%
72: Accommodation and Food Services		153	16%
61: Educational Services		75	8%
31: Manufacturing		53	6%
Program	Program graduates	Employed in Ohio	
240103: Humanities/Humanistic Studies	84	51	
Industry		n	%
44: Retail Trade		12	24%
Program	Program graduates	Employed in Ohio	
240199: Liberal Arts and Sciences, General Studies and Humanities, Other	1383	952	
Industry		n	%
62: Health Care and Social Assistance		199	21%
44: Retail Trade		178	19%
72: Accommodation and Food Services		108	11%
31: Manufacturing		74	8%
61: Educational Services		61	6%
Program	Program graduates	Employed in Ohio	
419999: Science Technologies/Technicians, Other	91	74	
Industry		n	%
62: Health Care and Social Assistance		35	47%
44: Retail Trade		17	23%
Program	Program graduates	Employed in Ohio	
420101: Psychology, General	75	62	
Industry		n	%
62: Health Care and Social Assistance		14	23%
44: Retail Trade		13	21%
72: Accommodation and Food Services		11	18%
Program	Program graduates	Employed in Ohio	
430104: Criminal Justice/Safety Studies	558	412	
Industry		n	%
44: Retail Trade		98	24%
62: Health Care and Social Assistance		81	20%
72: Accommodation and Food Services		55	13%
56: Admin./Support/Waste Mgmt/Remed		48	12%
92: Public Administration		35	8%
Program	Program graduates	Employed in Ohio	
430107: Criminal Justice/Police Science	168	119	
Industry		n	%
44: Retail Trade		23	19%
62: Health Care and Social Assistance		22	18%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree		
92: Public Administration	22	18%
72: Accommodation and Food Services	14	12%
Program	Program graduates	Employed in Ohio
440201: Community Organization and Advocacy	48	37
Industry	n	%
62: Health Care and Social Assistance	29	78%
Program	Program graduates	Employed in Ohio
440701: Social Work	122	85
Industry	n	%
62: Health Care and Social Assistance	36	42%
72: Accommodation and Food Services	13	15%
44: Retail Trade	12	14%
Program	Program graduates	Employed in Ohio
500402: Commercial and Advertising Art	53	41
Industry	n	%
44: Retail Trade	16	39%
Program	Program graduates	Employed in Ohio
510201: Communication Sciences and Disorders, General	29	23
Industry	n	%
62: Health Care and Social Assistance	10	43%
Program	Program graduates	Employed in Ohio
510602: Dental Hygiene/Hygienist	151	109
Industry	n	%
62: Health Care and Social Assistance	84	77%
Program	Program graduates	Employed in Ohio
510705: Medical Office Management/Administration	73	59
Industry	n	%
62: Health Care and Social Assistance	28	47%
Program	Program graduates	Employed in Ohio
510716: Medical Administrative/Executive Assistant and Medical Secretary	59	44
Industry	n	%
62: Health Care and Social Assistance	17	39%
Program	Program graduates	Employed in Ohio
510799: Health and Medical Administrative Services, Other	143	97
Industry	n	%
62: Health Care and Social Assistance	57	59%
72: Accommodation and Food Services	13	13%
Program	Program graduates	Employed in Ohio
510801: Medical/Clinical Assistant	84	59
Industry	n	%
62: Health Care and Social Assistance	40	68%
Program	Program graduates	Employed in Ohio
510803: Occupational Therapist Assistant	171	141
Industry	n	%
62: Health Care and Social Assistance	115	82%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree		
Program	Program graduates	Employed in Ohio
510806: Physical Therapy Technician/Assistant	389	311
Industry		n %
62: Health Care and Social Assistance		279 90%
Program	Program graduates	Employed in Ohio
510808: Veterinary/Animal Health Technology/Technician and Veterinary Assistant	270	234
Industry		n %
54: Professional, Scientific, Technical		188 80%
61: Educational Services		10 4%
Program	Program graduates	Employed in Ohio
510904: Emergency Medical Technology/Technician (EMT Paramedic)	88	67
Industry		n %
92: Public Administration		42 63%
62: Health Care and Social Assistance		18 27%
Program	Program graduates	Employed in Ohio
510907: Medical Radiologic Technology/Science - Radiation Therapist	441	374
Industry		n %
62: Health Care and Social Assistance		298 80%
72: Accommodation and Food Services		24 6%
44: Retail Trade		19 5%
56: Admin./Support/Waste Mgmt/Remed		11 3%
Program	Program graduates	Employed in Ohio
510908: Respiratory Care Therapy/Therapist	185	165
Industry		n %
62: Health Care and Social Assistance		141 85%
Program	Program graduates	Employed in Ohio
510909: Surgical Technology/Technologist	75	68
Industry		n %
62: Health Care and Social Assistance		47 69%
Program	Program graduates	Employed in Ohio
511103: Pre-Pharmacy Studies	60	45
Industry		n %
44: Retail Trade		28 62%
Program	Program graduates	Employed in Ohio
513801: Registered Nursing/Registered Nurse	2786	2201
Industry		n %
62: Health Care and Social Assistance		1924 87%
72: Accommodation and Food Services		76 3%
44: Retail Trade		50 2%
61: Educational Services		34 2%
56: Admin./Support/Waste Mgmt/Remed		26 1%
Program	Program graduates	Employed in Ohio
519999: Health Professions and Related Clinical Sciences, Other	298	148
Industry		n %
62: Health Care and Social Assistance		73 49%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Associate's degree		
44: Retail Trade	19	13%
72: Accommodation and Food Services	16	11%
Program	Program graduates	Employed in Ohio
520101: Business/Commerce, General	376	293
Industry	n	%
44: Retail Trade	53	18%
31: Manufacturing	46	16%
72: Accommodation and Food Services	37	13%
52: Finance and Insurance	28	10%
56: Admin./Support/Waste Mgmt/Remed	25	9%
Program	Program graduates	Employed in Ohio
520201: Business Administration and Management, General	959	725
Industry	n	%
44: Retail Trade	174	24%
72: Accommodation and Food Services	91	13%
52: Finance and Insurance	69	10%
31: Manufacturing	52	7%
54: Professional, Scientific, Technical	50	7%
Program	Program graduates	Employed in Ohio
520302: Accounting Technology/Technician and Bookkeeping	306	214
Industry	n	%
44: Retail Trade	32	15%
52: Finance and Insurance	26	12%
31: Manufacturing	24	11%
72: Accommodation and Food Services	22	10%
54: Professional, Scientific, Technical	20	9%
Program	Program graduates	Employed in Ohio
520401: Administrative Assistant and Secretarial Science, General	105	66
Industry	n	%
62: Health Care and Social Assistance	19	29%
44: Retail Trade	12	18%
Program	Program graduates	Employed in Ohio
521201: Management Information Systems, General	192	142
Industry	n	%
62: Health Care and Social Assistance	30	21%
44: Retail Trade	26	18%
72: Accommodation and Food Services	19	13%
56: Admin./Support/Waste Mgmt/Remed	17	12%
31: Manufacturing	13	9%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Bachelor's degree			
Program	Program graduates	Employed in Ohio	
510907: Medical Radiologic Technology/Science - Radiation Therapist	236	198	
Industry		n	%
62: Health Care and Social Assistance		166	84%

Industry of Employment by Degree, 2009-2013 Graduates
Four-Year Universities, Regional Campuses

Regional campus - Graduate-level certificate			
Program	Program graduates	Employed in Ohio	
220302: Legal Assistant/Paralegal	48	30	
Industry		n	%
54: Professional, Scientific, Technical		16	53%