

The Award of Degrees and Certificates at Ohio's Colleges and Universities

Question: How many college degrees and certificates are awarded in Ohio? In what areas are college degrees and certificates awarded? Does the award of degrees and certificates vary by type of college or institution?

Why look at the award of degrees and certificates? Students attend college without seeking a degree or certificate for many reasons:

- Students may want to take one or two courses in a year to upgrade their current skills.
- Students may take one or two courses in a year to enhance the quality of their lives.
- Students may take one or two courses in a year because they enjoy learning.

Other students and their families enroll in college with the expectation that they will complete a degree or certificate. Many prospective students and their families will also have a clear idea of the discipline they wish to pursue for their degree or certificate. Such students will want to know which colleges offer the different types and various disciplines in which they are interested.

National Answers: There is a clear national relationship between educational attainment of a state's workforce and the per capita income of residents of any state. The greater the proportion of a state's workforce with college experience, the higher the economic benefits for individuals of that state. Using the census 2000 supplementary survey* it would appear that Ohio has increased its educational attainment since 1990 but continues to lag well behind the rest of the nation in educational attainment for adults 25 years and older.

Educational attainment	U.S. Average		Ohio		Education Deficit**	
	1990	2000*	1990	2000*	1990	2000*
Completed any college	45%	52%	39%	46%	408,575	443,715
Completed associate or higher degree	27%	31%	22%	27%	290,850	311,562
Completed bachelor or higher degree	20%	25%	17%	21%	228,525	313,666
Completed graduate degree	7%	9%	6%	7%	90,025	155,171

*Note: 2000 results are based upon 2000 supplementary survey – monthly samples during 2000, whereas 1990 results are full census findings (that have not been released as of 9/15/2001).

**Note: The education deficit is the number of Ohio citizens aged 25 and older who must have higher educational attainment just to achieve the national average.

Statewide Answers: During the 1999-2000 academic year, colleges and universities in Ohio awarded 86,485 degrees and 2,571 certificates.

Note: To report degree completions for independent colleges and universities, data from the Integrated Postsecondary Data System (IPEDS) maintained by the National Center for Education Statistics (NCES) at the Department of Education were used. IPEDS data are collected annually from all higher education institutions eligible for federal funding through Title IV. These data have not been adjudicated by NCES and could potentially change. Because independent colleges do not report their degree or certificate completion data to the Board of Regents, information about disciplines in which degrees are awarded can only be presented for the state-supported campuses.

Degrees and Certificates Awarded by Ohio's State-Supported and Independent Colleges and Universities 1999-2000 Academic Year

Type of Degree	Degrees	Percent of State Total	Type of Certificate	Certificates	Percent of State Total
Associate's degree	16,732	19%	Less than one year award	911	35%
Bachelor's degree	49,108	57%	At least one but less than two-year award	1,660	65%
Master's degree	15,661	18%			
First professional degree	2,998	3%			
Doctoral degree	1,986	2%			
Total	86,485	100%	Total	2,571	100%

Award of Degrees by Discipline by Ohio's State-Supported Colleges and Universities 1999-2000

Discipline	Subject	Associate Degrees		Baccalaureate Degrees		Masters Degrees		Professional Degrees		Doctoral Degrees		Total	% of All
		Degrees	% of State	Degrees	% of State	Degrees	% of State	Degrees	% of State	Degrees	% of State		
Arts & Humanities - 17% of all degrees	Art	13	0%	509	2%	95	1%			3	0%	620	1%
	Communications	75	1%	2,001	6%	104	1%			22	1%	2,202	4%
	Disorders	56	0%	279	1%	215	2%			6	0%	556	1%
	Drama	5	0%	159	1%	77	1%			5	0%	246	0%
	English	5	0%	985	3%	232	2%			64	4%	1,286	2%
	Foreign Languages			338	1%	178	2%			25	2%	541	1%
	Journalism			653	2%	57	1%			2	0%	712	1%
	Liberal Arts	2,621	17%	419	1%	28	0%					3,068	5%
	Music	1	0%	220	1%	241	2%			38	3%	500	1%
	Other Visual and Performing Arts	155	1%	498	2%	55	1%			4	0%	712	1%
Philosophy and Religion	1	0%	125	0%	26	0%			6	0%	158	0%	
Business - 18% of all degrees	Accounting	594	4%	877	3%	83	1%			3	0%	1,557	3%
	Administrative and Secretarial	478	3%									478	1%
	Business Information and Data Processing Services	411	3%	824	3%	95	1%			3	0%	1,333	2%
	Finance	41	0%	1,118	4%	133	1%			6	0%	1,298	2%
	Human Resources Management	26	0%	373	1%	133	1%					532	1%
	Management	989	7%	713	2%	927	9%			24	2%	2,653	4%
	Marketing	199	1%	1,544	5%	71	1%			2	0%	1,816	3%
Other Business	635	4%	410	1%	157	2%					1,202	2%	
Education - 15% of all degrees	Counseling					256	2%			42	3%	298	0%
	Education Administration					339	3%			72	5%	411	1%
	Health and Phy. Ed. General			421	1%	95	1%			4	0%	520	1%
	Sports and Recreation	61	0%	402	1%	131	1%			1	0%	595	1%
	Teaching	387	3%	4,010	13%	2,553	24%			224	15%	7,174	12%
Engineering - 10% of all degrees	Architecture			386	1%	106	1%			2	0%	494	1%
	Civil Engineering			276	1%	107	1%			3	0%	386	1%
	Electrical Engineering			355	1%	227	2%			36	2%	618	1%
	Engineering Technology	1,815	12%	377	1%	27	0%			3	0%	2,222	4%
	Industrial/ Manufacturing Engineering			264	1%	132	1%			10	1%	406	1%
	Mechanical Engineering			516	2%	202	2%			16	1%	734	1%
	Other Engineering			661	2%	292	3%			120	8%	1,073	2%
Health - 12% of all degrees	Dental Health	204	1%	33	0%	17	0%	93	5%			347	1%
	Medicine MD							635	33%			635	1%
	Mental Health Services	125	1%			38	0%					163	0%
	Nursing	1,556	10%	905	3%	264	3%			10	1%	2,735	4%
	Optometry	23	0%									23	0%
	OPTOMETRY (OD)			1	0%	7	0%	59	3%	2	0%	69	0%
	Osteopathic Medicine							102	5%			102	0%
	Other Medicine	1,529	10%	323	1%	202	2%			76	5%	2,130	3%
	Pharmacy			320	1%	23	0%	34	2%	40	3%	417	1%
	Physical and Occupational Therapy	15	0%	226	1%	55	1%					296	0%
Veterinary Medicine	112	1%			17	0%	133	7%	14	1%	276	0%	
Natural Science & Mathematics - 9% of all degrees	Agriculture	301	2%	290	1%	46	0%			22	1%	659	1%
	Biology	29	0%	1,290	4%	176	2%			108	7%	1,603	3%
	Chemistry	2	0%	277	1%	104	1%			108	7%	491	1%
	Computer Science	510	3%	599	2%	290	3%			10	1%	1,409	2%
	Geology			102	0%	64	1%			8	1%	174	0%
	Math	18	0%	179	1%	158	2%			28	2%	383	1%
	Natural Resources	176	1%	286	1%	47	0%			2	0%	511	1%
	Other Physical Science	36	0%	24	0%	16	0%			5	0%	81	0%
Physics			59	0%	46	0%			37	2%	142	0%	
Social & Behavioral Sciences - 14% of all degrees	Anthropology			155	1%	20	0%			6	0%	181	0%
	Economics	1	0%	265	1%	75	1%			18	1%	359	1%
	Ethnic Studies			86	0%	40	0%			10	1%	136	0%
	Family and Consumer Studies	237	2%	1,073	3%	93	1%			19	1%	1,422	2%
	Geography			109	0%	49	1%			9	1%	167	0%
	History	3	0%	515	2%	97	1%			45	3%	660	1%
	Other Social Studies	23	0%	635	2%	53	1%			6	0%	717	1%
	Political Science	3	0%	605	2%	141	1%			22	1%	771	1%
	Psychology	34	0%	1,606	5%	326	3%	20	1%	140	9%	2,126	3%
	Public Administration and Services	78	1%	59	0%	185	2%			1	0%	323	1%
Unclassified - 6% of all degrees	Social Work	214	1%	528	2%	295	3%			10	1%	1,047	2%
	Sociology	10	0%	529	2%	54	1%			17	1%	610	1%
	Culinary Arts	100	1%									100	0%
	General Education	180	1%	81	0%							261	0%
	Interdisciplinary	106	1%	336	1%	96	1%			16	1%	554	1%
	Law and Legal Studies	217	1%	18	0%	1	0%	851	44%			1,087	2%
Library Science	1	0%			155	2%					156	0%	
Not Specified	9	0%									9	0%	
Protective Services	881	6%	502	2%	39	0%			7	1%	1,429	2%	
	Total	15,301	100%	31,729	100%	10,663	100%	1,927	100%	1,542	100%	61,162	100%

- Associate degrees were awarded to 16,732 students at both state-supported and independent colleges and universities. Over 20% of those completing an associate degree at a state-supported campus received a degree in a health-related field.
- Considering all degrees, the largest percentage of degrees were in the Business discipline (18%) followed closely by Arts & Humanities (17%), Education (15%) and Social and Behavioral Sciences (14%).
- Among students receiving their baccalaureate from a state-supported university, a degree in Teaching (13%) was the single most frequently received degree. Together, the business-related disciplines (Accounting, Business Information and Data Processing Services, Management and Marketing) comprised approximately 16% of baccalaureate degrees.
- Certificates were most frequently awarded in Business and Marketing.

Sector Answers: Associate degrees are awarded by all types of colleges, however Ohio's community colleges and state community colleges awarded more than 50% of all associate degrees in 1999-2000. Certificates are awarded by all types of colleges. Both state-supported university main campuses and independent colleges and universities award baccalaureate degrees and post-baccalaureate degrees and certificates.

- Community colleges and state community colleges awarded 51% of all associate degrees in 1999-2000.
- Independent colleges and universities made significant awards of short-term certificates (19% of less than one year awards and 26% of less than 2-year awards).

Award of Degrees and Certificates by Type of College 1999-2000

	Associate Degrees		Baccalaureate Degrees		Less than 1 year certificate		Less than 2 year Certificate	
	Degrees	% of State	Degrees	% of State	Certificates	% of State	Certificates	% of State
Community Colleges	4,055	24%					575	35%
State Community Colleges	4,473	27%			242	27%	227	14%
Technical Colleges	2,718	16%			297	33%	353	21%
University Branch Campuses	2,023	12%			22	2%	20	1%
University Main Campuses	2,094	13%	31,729	65%	176	19%	59	4%
Independent Colleges and Universities	1,369	8%	17,379	35%	174	19%	426	26%
Total all Sectors	16,732	100%	49,108	100%	911	100%	1,660	100%

Campus Answers: The number and statewide percentage of degrees and certificates vary greatly by institution.

- Ohio State University awarded 13% of all baccalaureate and masters degrees in the state, 31% of all doctoral degrees and 23% of all professional degrees.
- Cuyahoga Community College, Columbus State Community College, and Sinclair Community College awarded approximately 24% of all associate degrees.

Campus Awards of Associate Degrees 1999-2000 – State-Supported Colleges and Universities

Community Colleges	Degrees	% of State
Cuyahoga Community College	1,392	9%
Jefferson Community College	145	1%
Lakeland Community College	782	5%
Lorain County Community College	562	4%
Rio Grande Community College	114	1%
Sinclair Community College	1,060	7%

State Community Colleges

Cincinnati State Technical & Community College	799	5%
Clark State Community College	293	2%
Columbus State Community College	1,208	8%
Edison State Community College	254	2%
Northwest State Community College	284	2%
Owens State Community College, Findlay Campus	133	1%
Owens State Community College, Toledo Campus	769	5%
Southern State Community College, Central Campus	115	1%
Southern State Community College, North Campus	33	0%
Southern State Community College, South Campus	48	0%
Terra State Community College	276	2%
Washington State Community College	261	2%

Technical Colleges

Belmont Technical College	174	1%
Central Ohio Technical College	191	1%
Hocking Technical College	642	4%
Lima Technical College	383	3%
Marion Technical College	204	1%
Muskingum Area Technical College	290	2%
North Central State College	336	2%
Stark State College of Technology	498	3%

University Branch Campuses

Bowling Green State University, Firelands Campus	100	1%
Kent State University, Ashtabula Campus	70	1%
Kent State University, East Liverpool Campus	97	1%
Kent State University, Geauga Campus	23	0%
Kent State University, Salem Campus	90	1%
Kent State University, Stark Campus	108	1%
Kent State University, Trumbull Campus	105	1%
Kent State University, Tuscarawas Campus	188	1%
Ohio State University, Agricultural Technical Institute	200	1%
Ohio University, Chillicothe Campus	95	1%
Ohio University, Eastern Campus	18	0%
Ohio University, Lancaster Campus	76	1%
Ohio University, Southern Campus	89	1%
Ohio University, Zanesville Campus	39	0%
University of Akron, Wayne Campus	88	1%
University of Cincinnati, Clermont Campus	215	1%
University of Cincinnati, Raymond Walters Campus	342	2%
Wright State University, Lake Campus	80	1%

University Main Campuses

Miami University	196	1%
Ohio State University	319	2%
Ohio University	50	0%
Shawnee State University	192	1%
University of Akron	570	4%
University of Cincinnati	292	2%
University of Toledo	290	2%
Youngstown State University	185	1%

Campus Awards of Associate Degrees 1999-2000 – Independent Colleges and Universities

	Degrees	% of State
Ashland University	20	0%
Cedarville University	3	0%
Chatfield College	37	0%
Cincinnati Bible College	16	0%
Cincinnati College of Mortuary Science	83	0%
Circleville Bible College	6	0%
College of Mount Saint Joseph	31	0%
Myers University	12	0%
Defiance College	6	0%
Embry-Riddle Aeronautical University	275	2%
Franciscan University of Steubenville	30	0%
Franklin University	55	0%
God's Bible School and College	6	0%
Lourdes College	35	0%
Marietta College	2	0%
Mercy College of Northwest Ohio	50	0%
Mount Vernon Nazarene College	8	0%
University of Northwestern Ohio	382	2%
Notre Dame College of Ohio	3	0%
Ohio Dominican College	7	0%
Tiffin University	27	0%
University of Findlay	73	0%
University of Rio Grande	131	1%
Urbana University	24	0%
Walsh University	22	0%
Wilmington College	3	0%
Xavier University	22	0%

Campus Awards of Degrees Above Associate Level 1999-2000 – State-Supported Colleges and Universities

	Baccalaureate Degrees		Masters Degrees		Professional Degrees		Doctoral Degrees	
	Degrees	% of State	Degrees	% of State	Degrees	% of State	Degrees	% of State
Bowling Green State University	2,725	6%	843	5%			84	4%
Central State University	162	0%	1	0%			0	0%
Cleveland State University	1,389	3%	904	6%	231	8%	32	2%
Kent State University	2,655	5%	958	6%			156	8%
Medical College of Ohio at Toledo	0	0%	85	1%	127	4%	21	1%
Miami University	3,704	8%	479	3%			50	3%
Northeastern Ohio Universities College of Medicine					95	3%		
Ohio State University	6,746	14%	2,310	15%	690	23%	609	31%
Ohio University	3,899	8%	966	6%	102	3%	120	6%
Shawnee State University	256	1%		0%				
University of Akron	1,946	4%	927	6%	151	5%	114	6%
University of Cincinnati	2,812	6%	1,185	8%	252	8%	258	13%
University of Toledo	2,252	5%	775	5%	182	6%	85	4%
Wright State University	1,668	3%	926	6%	97	3%	7	0%
Youngstown State University	1,515	3%	304	2%			6	0%

Campus Awards of Degrees Above Associate Level 1999-2000 – Independent Colleges and Universities

	Baccalaureate Degrees		Masters Degrees		Professional Degrees		Doctoral Degrees	
	Degrees	% of State	Degrees	% of State	Degrees	% of State	Degrees	% of State
Antioch University	100	0%						
Art Academy of Cincinnati	35	0%						
Ashland University	499	1%			39	1%	10	1%
Athenaeum of Ohio			13	0%	5	0%		
Baldwin-Wallace College	724	1%	234	1%				
Bluffton College	173	0%	9	0%				
Capital University	593	1%	128	1%	212	7%		
Case Western Reserve University	714	1%	1261	8%	431	14%	202	10%
Cedarville University	545	1%		0%				
Cincinnati Bible College	79	0%	49	0%	14	0%		
Cincinnati College of Mortuary Science	54	0%						
Circleville Bible College	32	0%						
Cleveland Institute of Art	81	0%						
Cleveland Institute of Music	48	0%	50	0%			3	0%
College of Mount Saint Joseph	324	1%	59	0%				
College of Wooster	348	1%						
Columbus College of Art and Design	204	0%						
Myers University	201	0%						
Defiance College	160	0%	29	0%				
Denison University	503	1%						
Franciscan University of Steubenville	370	1%	111	1%				
Franklin University	756	2%	221	1%				
God's Bible School and College	18	0%						
Hebrew Union College-Jewish Institute of Religion		0%	62	0%	18	1%	6	0%
Heidelberg College	219	0%	71	0%				
Hiram College	253	1%						
John Carroll University	703	1%	231	1%				
Kenyon College	363	1%						
Lake Erie College	99	0%	31	0%				
Lourdes College	152	0%						
Malone College	467	1%	88	1%				
Marietta College	192	0%	17	0%				
McGregor School	59	0%	103	1%				
Mount Carmel College of Nursing	82	0%						
Mount Union College	373	1%						
Mount Vernon Nazarene College	365	1%	3	0%				
Muskingum College	274	1%	62	0%				
University of Northwestern Ohio	4	0%						
Notre Dame College of Ohio	88	0%	5	0%				
Oberlin College	670	1%	1	0%				
Ohio Dominican College	354	1%						
Ohio Northern University	324	1%			200	7%		
Ohio Wesleyan University	448	1%						
Otterbein College	462	1%	68	0%				
Pontifical College Josephinum	9	0%	6	0%	22	1%		
Tiffin University	189	0%	99	1%				
Union Institute	188	0%					192	10%
University of Dayton	1423	3%	680	4%	130	4%	31	2%
University of Findlay	494	1%	300	2%				
University of Rio Grande	188	0%	67	0%				
Urbana University	184	0%	20	0%				
Ursuline College	236	0%	66	0%				
Walsh University	255	1%	70	0%				
Wilberforce University	223	0%						
Wilmington College	288	1%						
Wittenberg University	374	1%						
Xavier University	816	2%	784	5%				