

## The Award of Degrees and Certificates

**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 sector or by 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.

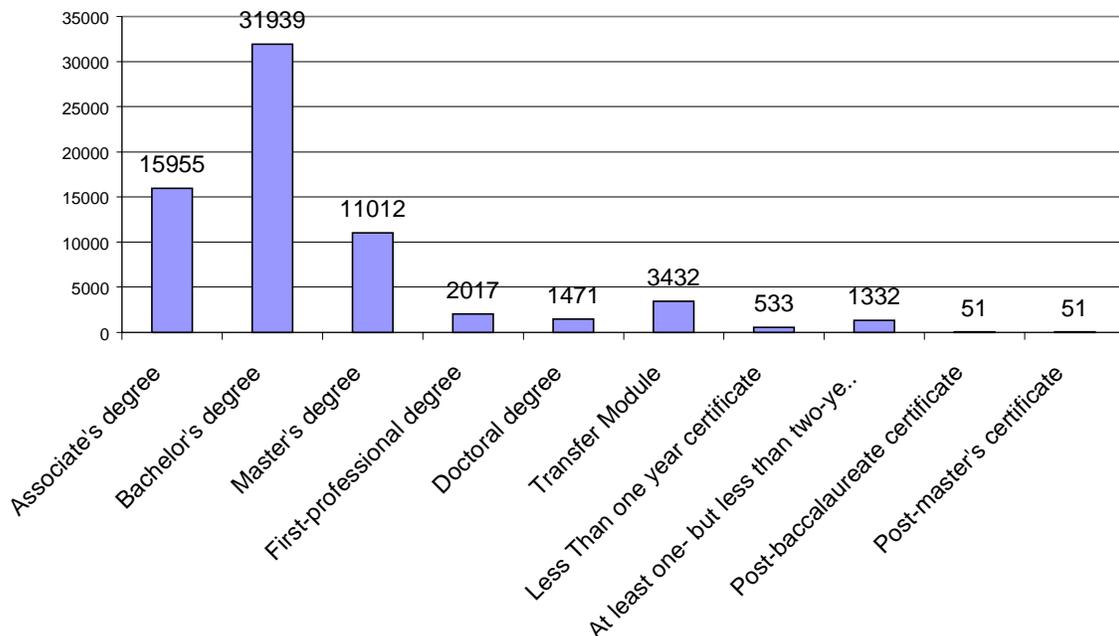
Other students and their families enroll in college with the expectation that they will complete a degree or certificate. Many prospective students and their families will also have a clear idea of the discipline they wish to pursue their degree or certificate. Such students will want to know what colleges offer the different types and different 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 1990 census estimates, it would appear that Ohio lags well behind the rest of the nation in educational attainment. Note: the 1990 census data are aged now and should be treated cautiously until the 2000 census is released.*

Educational attainment	U.S. Average	Ohio	Education Deficit
Completed any college	45%	39%	408,575
Completed associate or higher degree	27%	22%	290,850
Completed bachelor or higher degree	20%	17%	228,525
Completed graduate degree	7%	6%	90,025

**Statewide Answers:** *State-supported colleges and universities awarded 62,394 college degrees to Ohio students in 1998-1999. During the same time period, these colleges and universities awarded 5,399 certificates.*

**Degrees and Certificates Awarded in 1998-1999 by State Supported Colleges and Universities**



- Associate degrees were awarded to 15,955 students with health professions and related sciences represent the largest percentage of associate degrees (26%).
- Baccalaureate degrees were awarded most frequently to Ohio college students (31,939 degrees), and business/marketing (18%) and education (12%) represent the most frequent baccalaureate discipline.
- Transfer modules were the most frequent certificates awarded to Ohio students. These are certificates that are earned at one institution and recognized as valid for transfer to another college or university.
- Certificates in Business and marketing were most frequently awarded.

### Award of Degrees and Certificates by Ohio's State-Supported Colleges and Universities 1998-1999

Degree Level	Degrees	% of Total	Certificate Level	Certificates	% of Total
Associate	15,955	26%	Transfer Module	3,432	64%
Bachelor	31,939	51%	Less than one-year award	533	10%
Masters	11,012	18%	At least one- but less than two-year award	1,332	25%
First-professional	2,017	3%	Post-bacc. Certificate	51	1%
Doctoral	1,471	2%	Post-masters certificate	51	1%
Grand Total	62,394	100%	Grand Total	5,399	100%

### Award of Degrees by Discipline by Ohio's State-Supported Colleges and Universities 1998-1999

Discipline	Associate Degree		Bacc. Degree		Masters Degree		Prof. Degree		Doc. Degree	
	Grads	%	Grads	%	Grads	%	Grads	%	Grads	%
Agriculture	247	2%	280	1%	40	0%	0	0%	22	1%
Architecture	11	0%	329	1%	100	1%	0	0%	2	0%
Area and ethnic studies	0	0%	96	0%	51	0%	0	0%	11	1%
Basic Skills	0	0%	0	0%	9	0%	0	0%	6	0%
Biological/life sciences	35	0%	1,302	4%	202	2%	0	0%	95	6%
Business/marketing	3,442	22%	5,871	18%	1,843	17%	0	0%	35	2%
Communications/communication technologie	68	0%	1776	6%	148	1%	0	0%	10	1%
Computer and information sciences	500	3%	543	2%	279	3%	0	0%	16	1%
Education	390	2%	3,758	12%	3,092	28%	0	0%	324	22%
Engineering/engineering technologies	1,615	10%	2,376	7%	1,016	9%	0	0%	181	12%
English	8	0%	1,579	5%	255	2%	0	0%	78	5%
Foreign languages and literature	0	0%	359	1%	183	2%	0	0%	26	2%
Health professions and related sciences	4,216	26%	2,575	8%	895	8%	1,079	53%	129	9%
Home economics and vocational home economics	281	2%	1,134	4%	91	1%	0	0%	21	1%
Interdisciplinary studies	87	1%	343	1%	101	1%	0	0%	17	1%
Law/legal studies	264	2%	8	0%	0	0%	913	45%	0	0%
Liberal arts/general studies	2,526	16%	487	2%	23	0%	0	0%	0	0%
Library science	0	0%	0	0%	161	1%	0	0%	0	0%
Mathematics	13	0%	232	1%	165	1%	0	0%	30	2%
Natural resources/environmental science	216	1%	319	1%	53	0%	0	0%	3	0%
Parks and recreation	53	0%	891	3%	198	2%	0	0%	2	0%
Personal and miscellaneous services	133	1%	2	0%	0	0%	0	0%	0	0%
Philosophy, religion, theology	1	0%	118	0%	42	0%	0	0%	4	0%
Physical sciences	57	0%	465	1%	262	2%	0	0%	140	10%
Protective services/public administration	1,171	7%	1,079	3%	482	4%	0	0%	18	1%
Psychology	18	0%	1,621	5%	349	3%	25	1%	143	10%
Social sciences and history	58	0%	2,913	9%	501	5%	0	0%	102	7%
Trade and industry	197	1%	107	0%	0	0%	0	0%	0	0%
Transfer Module	180	1%	0	0%	0	0%	0	0%	0	0%
Visual and performing arts	168	1%	1,376	4%	471	4%	0	0%	56	4%
Total	15,955	100%	31,939	100%	11,012	100%	2,017	100%	1,471	100%

### Award of Certificates by Discipline by Ohio's State-Supported Colleges and Universities 1998-1999

Discipline	Less Than One-Year Award		At Least One- But Less Than Two-Year Award		Post-Baccalaureate Certificate		Post-Master's Certificate	
	Certificate Recipients	%	Certificate Recipients	%	Certificate Recipients	%	Certificate Recipients	%
Agriculture	6	1%	0	0%	0	0%	1	2%
Area and ethnic studies	12	2%	0	0%	5	10%	1	2%
Basic Skills	0	0%	0	0%	1	2%	0	0%
Biological/life sciences	3	1%	2	0%	0	0%	4	8%
Business/marketing	190	36%	304	23%	1	2%	0	0%
Communications/communication technology	0	0%	0	0%	1	2%	5	10%
Computer and information sciences	8	2%	52	4%	5	10%	0	0%
Education	0	0%	15	1%	3	6%	32	63%
Engineering/engineering technologies	72	14%	229	17%	6	12%	0	0%
English	20	4%	7	1%	0	0%	3	6%
Foreign languages and literature	14	3%	2	0%	0	0%	0	0%
Health professions and related sciences	19	4%	578	43%	7	14%	5	10%
Home economics and vocational home economics	6	1%	18	1%	0	0%	0	0%
Interdisciplinary studies	42	8%	0	0%	0	0%	0	0%
Law/legal studies	0	0%	47	4%	0	0%	0	0%
Liberal arts/general studies	25	5%	20	2%	13	25%	0	0%
Natural resources/environmental science	8	2%	0	0%	0	0%	0	0%
Parks and recreation	38	7%	0	0%	2	4%	0	0%
Personal and miscellaneous services	7	1%	1	0%	0	0%	0	0%
Physical sciences	0	0%	0	0%	1	2%	0	0%
Protective services/public administration	10	2%	11	1%	0	0%	0	0%
Social sciences and history	24	5%	2	0%	2	4%	0	0%
Trade and industry	29	5%	36	3%	0	0%	0	0%
Transfer Module	0	0%	1	0%	0	0%	0	0%
Visual and performing arts	0	0%	7	1%	4	8%	0	0%
Total	533	100%	1,332	100%	51	100%	51	100%

**Sector Answers: Associate degrees are awarded by all sectors, however Ohio's community colleges and state community colleges awarded more than fifty percent of all associate degrees in 1998-1999. Certificates are awarded by all sectors. Only university main campuses award baccalaureate degrees and post baccalaureate certificates.**

- Community colleges and state community colleges awarded fifty-five percent of all associate degrees in 1998-1999.
- Transfer modules were awarded by all sectors in 1998-1999 although technical colleges and university branch campuses either awarded almost none of these, or failed to report the award of transfer modules.

**Award of Degrees and Certificates by Sector 1998-1999**

Sector	Degree or Certificate Level	Awards	Percent of Statewide Total
Community Colleges	Associate's degree	4,365	27%
State Community Colleges	Associate's degree	4,460	28%
Technical Colleges	Associate's degree	2,819	18%
University Branches	Associate's degree	1,985	12%
University Main Campuses	Associate's degree	2,326	15%
<b>All sectors</b>	<b>Associate's degree</b>	<b>15,955</b>	<b>100%</b>
Community Colleges	Transfer Module	475	14%
State Community Colleges	Transfer Module	409	12%
Technical Colleges	Transfer Module	1	0%
University Branches	Transfer Module	3	0%
University Main Campuses	Transfer Module	2,544	74%
<b>All sectors</b>	<b>Transfer Module</b>	<b>3,432</b>	<b>100%</b>
State Community Colleges	Less than one-year award	171	32%
Technical Colleges	Less than one-year award	148	28%
University Branches	Less than one-year award	22	4%
University Main Campuses	Less than one-year award	192	36%
<b>All sectors</b>	<b>Less than one-year award</b>	<b>533</b>	<b>100%</b>
Community Colleges	At least one- but less than two-year award	563	42%
State Community Colleges	At least one- but less than two-year award	222	17%
Technical Colleges	At least one- but less than two-year award	452	34%
University Branches	At least one- but less than two-year award	31	2%
University Main Campuses	At least one- but less than two-year award	64	5%
<b>All sectors</b>	<b>At least one- but less than two-year award</b>	<b>1,332</b>	<b>100%</b>

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

- Two campuses awarded the greatest percentage of associate degrees (8% each of statewide total).
- One university awarded the greatest percentage of baccalaureate degrees (21%), masters degrees (22%), professional degrees (36%), and doctoral degrees (37%).

### Campus Awards of Associate Degrees 1998-1999

Sector	Institution	Campus Name	Associate degrees		
Community Colleges	Cuyahoga Community College	Eastern	268	2%	
		Metro	516	3%	
		Western	722	5%	
		Jefferson Community College		135	1%
		Lakeland Community College		687	4%
		Lorain County Community College		611	4%
		Rio Grande Community College		143	1%
	Sinclair Community College		1,283	8%	
State Community Colleges	Cincinnati State Technical & Community College		706	4%	
			276	2%	
		Columbus State Community College		1,273	8%
		Edison State Community College		260	2%
		Northwest State Community College		241	2%
	Owens State Community College	Findlay	126	1%	
		Toledo	821	5%	
	Southern State Community College	Central	119	1%	
		North	29	0%	
		South	57	0%	
		Terra State Community College		256	2%
		Washington State Community College		296	2%
	Technical Colleges	Belmont Technical College		206	1%
				228	1%
		Hocking Technical College		809	5%
		Lima Technical College		377	2%
		Marion Technical College		143	1%
		Muskingum Area Technical College		310	2%
		North Central State College		309	2%
		Stark State College of Technology		437	3%
University Branches		Bowling Green State University	Firelands	77	0%
			79	0%	
	Kent State University	East Liverpool	137	1%	
		Geauga	17	0%	
		Salem	86	1%	
		Stark	108	1%	
		Trumbull	110	1%	
		Tuscarawas	184	1%	
		The Ohio State University	Agricultural Technical Institute	178	1%
	Ohio University	Chillicothe	92	1%	
		Eastern	14	0%	
		Lancaster	74	0%	
		Southern	81	1%	
		Zanesville	73	0%	
		University of Akron	Wayne	68	0%
	University of Cincinnati	Clermont	223	1%	
Raymond Walters		340	2%		
		44	0%		
	Wright State University	Lake	44	0%	
University Main Campuses	Miami University		195	1%	
	Ohio State University		316	2%	
	Ohio University		73	0%	
	Shawnee State University		226	1%	
	University of Akron		588	4%	
	University of Cincinnati		379	2%	
	University of Toledo		381	2%	
	Youngstown State University		168	1%	
Total			15,955	100%	

**Campus Awards of Baccalaureate Degrees, Masters Degrees, Professional Degrees, and Doctoral Degrees 1998-1999**

Institution	Bacc. Degrees		Masters Degrees		Prof. Degrees		Doc. Degrees	
Bowling Green State University	2,859	9%	756	7%	0	0%	85	6%
Central State University	208	1%	7	0%	0	0%	0	0%
Cleveland State University	1,531	5%	1,156	10%	233	12%	36	2%
Kent State University	2,670	8%	1,090	10%	0	0%	162	11%
Medical College of Ohio at Toledo	0	0%	83	1%	128	6%	19	1%
Miami University	3,489	11%	521	5%	0	0%	55	4%
Northeastern Ohio Universities College of Medicine	0	0%	0	0%	105	5%	0	0%
The Ohio State University	6,819	21%	2,370	22%	729	36%	548	37%
Ohio University	3,896	12%	922	8%	90	4%	132	9%
Shawnee State University	216	1%	0	0%	0	0%	0	0%
University of Akron	1,969	6%	870	8%	168	8%	108	7%
University of Cincinnati	2,838	9%	1,276	12%	259	13%	244	17%
University of Toledo	2,319	7%	783	7%	184	9%	72	5%
Wright State University	1,671	5%	850	8%	121	6%	8	1%
Youngstown State University	1,454	5%	328	3%	0	0%	2	0%
<b>Total</b>	<b>31,939</b>	<b>100%</b>	<b>11,012</b>	<b>100%</b>	<b>2,017</b>	<b>100%</b>	<b>1,471</b>	<b>100%</b>