

WEB TABLES

U.S. DEPARTMENT OF EDUCATION
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Postsecondary Awards in Science, Technology, Engineering, and Mathematics, by State: 2001 and 2009

These tables provide state-level information on the conferring of Science, Technology, Engineering, and Mathematics (STEM) awards (degrees and certificates) from academic years 2000–01 and 2008–09, both overall and by field. Specifically, the tables provide information on:

- the number of awards conferred in STEM fields, overall (table 1) and by STEM fields (the table 2 series);
- changes in the number of STEM degrees, by degree level (table 3) and STEM certificates, by certificate level (table 4);
- the number of awards conferred in STEM fields to women, overall (table 5), by STEM field (the table 6 series), by level of degree (table 7 and the table 9 series through the table 12 series), and by level of certificate (table 8); and
- the number of awards conferred in STEM fields by race/ethnicity, overall (the table 13 series), by STEM field (the table 14 series through the

table 21 series), by level of degree (the table 22 series), and by level of certificate (the table 23 series).

DEFINITION OF STEM FIELDS AND ENTRANCE

STEM fields include a wide range of disciplines, and there are different ways to identify the disciplines included in STEM. For example, the National Science Foundation (NSF) defines STEM fields broadly, including not only mathematics, natural sciences, engineering, and computer and information sciences, but also such social/behavioral sciences as psychology, economics, sociology, and political science (Green 2007). There is no generally accepted list of STEM instructional programs used by the Federal Government; however, Federal and State policy initiatives are often aimed at improving STEM education in mathematics, natural sciences, engineering, and technologies (Kuenzi, Matthews, and Mangan 2006; National Governors Association 2007). These

tables adopt a definition of STEM oriented towards these policy initiatives. They focus exclusively on mathematics; natural sciences (including physical sciences and biological/agricultural sciences); engineering/engineering technologies; and computer/information sciences.

Rather than creating a new list, this analysis used a U.S. Immigration and Customs Enforcement (ICE) list of designated STEM degree programs. ICE's list included the instructional programs of interest to the analysis (mathematics; natural sciences; engineering/engineering technologies; and computer/information sciences). These tables group the ICE designated STEM instructional programs into six STEM fields: computer and information sciences; engineering and engineering technologies; biological and biomedical sciences; mathematics and statistics; physical sciences; and science technologies. Table A-1 lists the Classi-

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fication of Instructional Programs (CIP) codes used in the six STEM fields.

Because the Integrated Postsecondary Education Data System (IPEDS) data are publicly available in the IPEDS Data Center, users can produce custom STEM tables that include different instructional programs and STEM fields.

RELATED NCES REPORTS

Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education, 2009. NCES Stats in Brief. (NCES 2009-161) (<http://nces.ed.gov/pubs2009/2009161.pdf>).

Changes in Postsecondary Awards Below the Bachelor's Degree: 1997 to 2007, 2009. NCES Stats in Brief (NCES 2010-167) (<http://nces.ed.gov/pubs2010/2010167.pdf>).

DATA

Data in these Web Tables were collected primarily through the IPEDS Completions component. The Completions component collects the number of awards conferred, by gender, race/ethnicity, award level, and field of study, for each academic year. The analysis included Title IV institutions in the United States that reported completion data for academic years 2000–01 or 2008–09. Title IV institutions are those eligible to participate in the Title IV federal financial aid programs (e.g., Pell Grants and Stafford Loans).

The analysis in this report used (CIP) codes adopted in 2000 to group instructional programs into STEM and non-STEM fields. CIP is a taxonomic coding scheme of instructional programs that supports the accurate tracking and reporting of fields of study and program completions activity. CIP was first developed in 1980 by the National Center for Education Statistics (NCES), with revisions occurring in 1985, 1990, 2000, and 2010. There are three levels of detail within the CIP taxonomy. The 2-digit series represent the most general groupings of related programs, while the 4-digit series are intermediate groupings of programs. The 6-digit codes represent specific instructional programs, which are used in the Completions Component of IPEDS. The 2000 edition includes over 1,500 CIP codes.

IPEDS is the core postsecondary education data collection program for NCES. Institution-level data are collected from postsecondary institutions in the United States (50 states and the District of Columbia) and other jurisdictions.¹ For IPEDS, a postsecondary institution is defined as an organization open to the public that has as its primary mission the provision of postsecondary education. IPEDS defines postsecondary education as formal instructional programs with a curriculum designed primarily for students who are beyond the compulsory age for high school. This includes institutions that offer academic, vocational, and continuing profession-

al education programs and excludes institutions that offer only avocational (leisure) and adult basic education programs. Data collected via IPEDS cover a variety of areas, including institutional prices, enrollments, graduation rates, program completions, student financial aid, institutional finance, and human resources.

Reporting data to IPEDS is mandatory for institutions participating in Title IV financial aid programs. Title IV participating institutions are accredited by an agency or organization recognized by the Secretary of the U.S. Department of Education, have a program of more than 300 clock hours or 8 credit hours, have been in business for at least 2 years, and have a signed Program Participation Agreement with the Office of Postsecondary Education, U.S. Department of Education. Institutions that do not participate in Title IV programs may participate in the IPEDS data collection on a voluntary basis; however, analysis in this report was restricted to Title IV institutions located in the United States.

IPEDS DATA CENTER

The IPEDS Data Center (<http://nces.ed.gov/ipeds/datacenter/>) is the user interface for retrieving and analyzing IPEDS data on the NCES website. All IPEDS data are released through the data center. More IPEDS state tables produced by NCES can be found at the IPEDS Table Library at http://www.nces.ed.gov/ipeds/tables_library/.

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TECHNICAL NOTES

The data in these Web Tables come from the Institutional Characteristics and Completions components of IPEDS from the 2001–02 collection through the 2009–10 collection. Institutional Characteristics data used in this report are available for all institutions in each collection. Response rates for the Completions component for institutions located in the United States vary from year to year. The lowest response rate (approximately 96 percent) occurred during the 2001–02 collection, and the highest response rate (approximately 100 percent) occurred during the 2006–07 collection. To mitigate the impact of nonresponse on statistics calculated from the Completions data, imputations were conducted prior to the public release of the data. The analysis in this report was performed using both the reported and imputed Completions data.

Completions data are collected in the fall on the prior academic year. For example, completions data collected dur-

ing the fall of the 2001–02 IPEDS collection year were conferred during the 2000–01 academic year. The characteristics of an institution can change between the conferring of an award and the reporting of the same award and lead to apparent inconsistencies in the data. In academic year 2000–01, there were 522 degrees awarded at five institutions in the United States that were classified as non-degree granting during the 2001–02 collection year, but were degree-granting institutions during the 2000–01 academic year. Likewise, 141 degrees were awarded in academic year 2008–09 at five institutions in the United States that were classified as non-degree granting during the 2009–10 collection year, but were degree-granting institutions during the 2008–09 academic year.

The awards conferred in academic year 2000–01 were reported using the 1990 version of the Classification of Instructional Programs. To determine if an award was conferred in a STEM field, these 1990 CIP codes were mapped to the 2000 version of the CIP codes using the crosswalk available at <http://nces.ed.gov/pubs2002/cip2000/index.asp>. The 2000 CIP codes were used to classify awards into STEM fields for both academic years 2000–01 and 2008–09.

The use of the Two or more races category was optional during the 2009–10 collection year, and approximately 750

institutions utilized the category for reporting awards conferred in the 2008–09 academic year. These institutions reported about 6,000 awards in the Two or more races category, 0.1 percent of the just over 4 million total awards reported. Of the 6,000 awards, some 500 were from STEM fields, representing 0.1 percent of the approximately 434,000 STEM awards overall. Given the small percentage of total awards and STEM awards reported using the Two or more races category, the impact of this change on any observed changes in STEM awards by race/ethnicity from academic year 2000–01 to 2008–09 is negligible.

The set of Title IV institutions reporting to IPEDS is not static from year to year—institutions are added to and removed from the universe annually. The number of institutions in the United States eligible to respond to the Completions component increased from approximately 6,400 for the 2001–02 collection to about 6,750 for the 2009–10 collection. In addition to the change in the number of institutions, it is important to consider the number of completions these institutions represent. Table 24 displays the number of institutions leaving the IPEDS universe before the 2009–10 collection year or entering the IPEDS universe after 2001–02 collection year, by state.

The approximately 900 institutions in the United States leaving the IPEDS universe between 2001–02 and 2009–10 conferred 100,000 awards in 2000–01, of which 14 percent were in STEM fields. The approximately 1,250 institutions in the United States entering the IPEDS universe between 2001–02 and 2009–10 conferred 185,000 awards in 2008–09, of which 6 percent were in STEM fields. The impact of institutions leaving and entering the IPEDS universe on the number and percentage of awards in STEM fields varied by state; however, only 11 states exhibited a higher proportion of awards in STEM fields from institutions entering the IPEDS universe than from institutions leaving the IPEDS universe. Given this information, we can be confident that observed increases in the production of awards in STEM fields are true increases, and not a product of the changing IPEDS universe.

Definitions of IPEDS terminology can be found in the IPEDS glossary at <http://nces.ed.gov/ipeds/glossary>.

REFERENCES

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Options. Congressional Research Report. Washington, DC: Congressional Research Service.

National Governors Association. (2007). *Innovation America: Building a science, technology, engineering and math agenda*. Washington, D.C.: National Governors Association Center for Best Practices. Retrieved March 23, 2011, from <http://www.nga.org/Files/pdf/0702INNOVATIONStem.pdf>.

ENDNOTES

¹ The other jurisdictions include American Samoa, the Federated States of Micronesia, Guam, the Marshall Islands, the Northern Marianas, Palau, Puerto Rico, and the Virgin Islands.

National Center for Education Statistics

Table A-1. List of STEM fields and associated 2000 CIP codes

STEM field	CIP code	CIP title	
Computer and information sciences	11.0101	Computer and Information Sciences, General.	
	11.0102	Artificial Intelligence and Robotics.	
	11.0103	Information Technology.	
	11.0201	Computer Programming/Programmer, General.	
	11.0202	Computer Programming, Specific Applications.	
	11.0203	Computer Programming, Vendor/Product Certification.	
	11.0301	Data Processing and Data Processing Technology/Technician.	
	11.0401	Information Science/Studies.	
	11.0501	Computer Systems Analysis/Analyst.	
	11.0701	Computer Science.	
	11.0801	Web Page, Digital/Multimedia and Information Resources Design.	
	11.0802	Data Modeling/Warehousing and Database Administration.	
	11.0803	Computer Graphics.	
	11.0901	Computer Systems Networking and Telecommunications.	
	11.1001	System Administration/Administrator.	
	11.1002	System, Networking, and LAN/WAN Management/Manager.	
	11.1003	Computer and Information Systems Security.	
	11.1004	Web/Multimedia Management and Webmaster.	
	Engineering and engineering technologies	14.0101	Engineering, General.
		14.0201	Aerospace, Aeronautical and Astronautical Engineering.
14.0301		Agricultural/Biological Engineering and Bioengineering.	
14.0401		Architectural Engineering.	
14.0501		Biomedical/Medical Engineering.	
14.0601		Ceramic Sciences and Engineering.	
14.0701		Chemical Engineering	
14.0801		Civil Engineering, General.	
14.0802		Geotechnical Engineering.	
14.0803		Structural Engineering.	
14.0804		Transportation and Highway Engineering.	
14.0805		Water Resources Engineering.	
14.0901		Computer Engineering, General.	
14.0902		Computer Hardware Engineering.	
14.0903		Computer Software Engineering.	
14.1001		Electrical, Electronics and Communications Engineering.	
14.1101		Engineering Mechanics.	
14.1201		Engineering Physics.	
14.1301		Engineering Science.	
14.1401		Environmental/Environmental Health Engineering.	
14.1801	Materials Engineering.		
14.1901	Mechanical Engineering.		
14.2001	Metallurgical Engineering.		
14.2101	Mining and Mineral Engineering.		

See notes at end of table.

Table A-1. List of STEM fields and associated 2000 CIP codes—Continued

STEM field	CIP code	CIP title
Engineering and engineering technologies —Continued	14.2201	Naval Architecture and Marine Engineering.
	14.2301	Nuclear Engineering.
	14.2401	Ocean Engineering.
	14.2501	Petroleum Engineering.
	14.2701	Systems Engineering.
	14.2801	Textile Sciences and Engineering.
	14.3101	Materials Science.
	14.3201	Polymer/Plastics Engineering.
	14.3301	Construction Engineering.
	14.3401	Forest Engineering.
	14.3501	Industrial Engineering.
	14.3601	Manufacturing Engineering.
	14.3701	Operations Research.
	14.3801	Surveying Engineering.
	14.3901	Geological/Geophysical Engineering.
	15.0000	Engineering Technology, General.
	15.0101	Architectural Engineering Technology/Technician.
	15.0201	Civil Engineering Technology/Technician.
	15.0303	Electrical, Electronic and Communications Engineering Technology/Technician.
	15.0304	Laser and Optical Technology/Technician.
	15.0305	Telecommunications Technology/Technician.
	15.0401	Biomedical Technology/Technician.
	15.0403	Electromechanical Technology/Electromechanical Engineering Technology.
	15.0404	Instrumentation Technology/Technician.
	15.0405	Robotics Technology/Technician.
	15.0501	Heating, Air Conditioning and Refrigeration Technology/Technician (ACH/ACR/ACHR/HRAC/HVAC/AC Technology).
	15.0503	Energy Management and Systems Technology/Technician.
	15.0505	Solar Energy Technology/Technician.
	15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
	15.0507	Environmental Engineering Technology/Environmental Technology.
	15.0508	Hazardous Materials Management and Waste Technology/Technician.
	15.0607	Plastics Engineering Technology/Technician.
	15.0611	Metallurgical Technology/Technician.
	15.0612	Industrial Technology/Technician.
	15.0613	Manufacturing Technology/Technician.
	15.0701	Occupational Safety and Health Technology/Technician.
	15.0702	Quality Control Technology/Technician.
	15.0703	Industrial Safety Technology/Technician.
	15.0704	Hazardous Materials Information Systems Technology/Technician.
	15.0801	Aeronautical/Aerospace Engineering Technology/Technician.
	15.0803	Automotive Engineering Technology/Technician.

See notes at end of table.

Table A-1. List of STEM fields and associated 2000 CIP codes—Continued

STEM field	CIP code	CIP title
Engineering and engineering technologies—Continued	15.0805	Mechanical Engineering/Mechanical Technology/Technician.
	15.0901	Mining Technology/Technician.
	15.0903	Petroleum Technology/Technician.
	15.1001	Construction Engineering Technology/Technician.
	15.1102	Surveying Technology/Surveying.
	15.1103	Hydraulics and Fluid Power Technology/Technician.
	15.1201	Computer Engineering Technology/Technician.
	15.1202	Computer Technology/Computer Systems Technology.
	15.1203	Computer Hardware Technology/Technician.
	15.1204	Computer Software Technology/Technician.
	15.1301	Drafting and Design Technology/Technician, General.
	15.1302	CAD/CADD Drafting and/or Design Technology/Technician.
	15.1303	Architectural Drafting and Architectural CAD/CADD.
	15.1304	Civil Drafting and Civil Engineering CAD/CADD.
	15.1305	Electrical/Electronics Drafting and Electrical/Electronics CAD/CADD.
	15.1306	Mechanical Drafting and Mechanical Drafting CAD/CADD.
	15.1401	Nuclear Engineering Technology/Technician.
	15.1501	Engineering/Industrial Management.
	Biological and biomedical sciences	26.0101
26.0102		Biomedical Sciences, General.
26.0202		Biochemistry.
26.0203		Biophysics.
26.0204		Molecular Biology.
26.0205		Molecular Biochemistry.
26.0206		Molecular Biophysics.
26.0207		Structural Biology.
26.0208		Photobiology.
26.0209		Radiation Biology/Radiobiology.
26.0210		Biochemistry/Biophysics and Molecular Biology.
26.0301		Botany/Plant Biology.
26.0305		Plant Pathology/Phytopathology.
26.0307		Plant Physiology.
26.0308		Plant Molecular Biology.
26.0401		Cell/Cellular Biology and Histology.
26.0403		Anatomy.
26.0404		Developmental Biology and Embryology.
26.0405		Neuroanatomy.
26.0406	Cell/Cellular and Molecular Biology.	
26.0407	Cell Biology and Anatomy.	
26.0502	Microbiology, General.	
26.0503	Medical Microbiology and Bacteriology.	
26.0504	Virology.	

See notes at end of table.

Table A-1. List of STEM fields and associated 2000 CIP codes—Continued

STEM field	CIP code	CIP title
Biological and biomedical sciences—Continued	26.0505	Parasitology.
	26.0506	Mycology.
	26.0507	Immunology.
	26.0701	Zoology/Animal Biology.
	26.0702	Entomology.
	26.0707	Animal Physiology.
	26.0708	Animal Behavior and Ethology.
	26.0709	Wildlife Biology.
	26.0801	Genetics, General.
	26.0802	Molecular Genetics.
	26.0803	Microbial and Eukaryotic Genetics.
	26.0804	Animal Genetics.
	26.0805	Plant Genetics.
	26.0806	Human/Medical Genetics.
	26.0901	Physiology, General.
	26.0902	Molecular Physiology.
	26.0903	Cell Physiology.
	26.0904	Endocrinology.
	26.0905	Reproductive Biology.
	26.0906	Neurobiology and Neurophysiology.
	26.0907	Cardiovascular Science.
	26.0908	Exercise Physiology.
	26.0909	Vision Science/Physiological Optics.
	26.0910	Pathology/Experimental Pathology.
	26.0911	Oncology and Cancer Biology.
	26.1001	Pharmacology.
	26.1002	Molecular Pharmacology.
	26.1003	Neuropharmacology.
	26.1004	Toxicology.
	26.1005	Molecular Toxicology.
	26.1006	Environmental Toxicology.
	26.1007	Pharmacology and Toxicology.
	26.1101	Biometry/Biometrics.
	26.1102	Biostatistics.
	26.1103	Bioinformatics.
	26.1201	Biotechnology.
26.1301	Ecology.	
26.1302	Marine Biology and Biological Oceanography.	
26.1303	Evolutionary Biology.	
26.1304	Aquatic Biology/Limnology.	
26.1305	Environmental Biology.	
26.1306	Population Biology.	

See notes at end of table.

Table A-1. List of STEM fields and associated 2000 CIP codes—Continued

STEM field	CIP code	CIP title
Biological and biomedical sciences—Continued	26.1307	Conservation Biology.
	26.1308	Systematic Biology/Biological Systematics.
	26.1309	Epidemiology.
Mathematics and statistics	27.0101	Mathematics, General.
	27.0102	Algebra and Number Theory.
	27.0103	Analysis and Functional Analysis.
	27.0104	Geometry/Geometric Analysis.
	27.0105	Topology and Foundations.
	27.0301	Applied Mathematics.
	27.0303	Computational Mathematics.
	27.0501	Statistics, General.
	27.0502	Mathematical Statistics and Probability.
	52.1304	Actuarial Science.
Physical sciences	40.0101	Physical Sciences.
	40.0201	Astronomy.
	40.0202	Astrophysics.
	40.0203	Planetary Astronomy and Science.
	40.0401	Atmospheric Sciences and Meteorology, General.
	40.0402	Atmospheric Chemistry and Climatology.
	40.0403	Atmospheric Physics and Dynamics.
	40.0404	Meteorology.
	40.0501	Chemistry, General.
	40.0502	Analytical Chemistry.
	40.0503	Inorganic Chemistry.
	40.0504	Organic Chemistry.
	40.0506	Physical and Theoretical Chemistry.
	40.0507	Polymer Chemistry.
	40.0508	Chemical Physics.
	40.0601	Geology/Earth Science, General.
	40.0602	Geochemistry.
	40.0603	Geophysics and Seismology.
	40.0604	Paleontology.
	40.0605	Hydrology and Water Resources Science.
	40.0606	Geochemistry and Petrology.
	40.0607	Oceanography, Chemical and Physical.
	40.0801	Physics, General.
	40.0802	Atomic/Molecular Physics.
	40.0804	Elementary Particle Physics.
	40.0805	Plasma and High-Temperature Physics.
	40.0806	Nuclear Physics.
40.0807	Optics/Optical Sciences.	

See notes at end of table.

Table A-1. List of STEM fields and associated 2000 CIP codes—Continued

STEM field	CIP code	CIP title
Physical sciences —Continued	40.0808	Solid State and Low-Temperature Physics.
	40.0809	Acoustics.
	40.0810	Theoretical and Mathematical Physics.
Sciences technologies	29.0101	Military Technologies.
	41.0101	Biology Technician/Biotechnology Laboratory Technician.
	41.0204	Industrial Radiologic Technology/Technician.
	41.0205	Nuclear/Nuclear Power Technology/Technician.
	41.0301	Chemical Technology/Technician.
	51.1401	Medical Scientist (MS, PhD)

NOTE: The Classification of Instructional Programs (CIP) codes corresponding to science, technology, engineering, and mathematics (STEM) fields were selected based on a U.S. Immigration and Customs Enforcement list of designated STEM degree programs.

SOURCE: U.S. Department of Homeland Security, Immigration and Customs Enforcement, STEM Designated Degree Programs, retrieved April 30, 2010, from <http://www.ice.gov/sevis/stemlist.htm>.

National Center for Education Statistics

Table 1. Number of awards conferred and number, percentage, and percentage change of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by state: Academic years 2000–01 and 2008–09

State	2000–01			2008–09			% change between 2000–01 and 2008–09	
	All fields	All STEM fields		All fields	All STEM fields		All fields	All STEM fields
		Number	%		Number	%		
United States	2,994,677	385,842	12.9	4,057,501	433,742	10.7	35.5	12.4
Alabama	44,612	5,709	12.8	53,266	6,069	11.4	19.4	6.3
Alaska	4,465	653	14.6	4,462	525	11.8	-0.1	-19.6
Arizona	69,912	6,658	9.5	146,301	12,993	8.9	109.3	95.1
Arkansas	25,698	3,566	13.9	33,107	2,828	8.5	28.8	-20.7
California	356,817	41,312	11.6	469,055	47,128	10.0	31.5	14.1
Colorado	51,152	8,098	15.8	75,734	8,881	11.7	48.1	9.7
Connecticut	33,270	3,468	10.4	44,880	5,108	11.4	34.9	47.3
Delaware	8,667	996	11.5	11,652	1,079	9.3	34.4	8.3
District of Columbia	20,596	3,146	15.3	28,421	3,408	12.0	38.0	8.3
Florida	174,058	16,036	9.2	261,772	20,036	7.7	50.4	24.9
Georgia	78,266	8,942	11.4	118,482	12,156	10.3	51.4	35.9
Hawaii	11,648	1,173	10.1	12,350	1,259	10.2	6.0	7.3
Idaho	12,850	1,670	13.0	16,886	1,990	11.8	31.4	19.2
Illinois	140,898	18,439	13.1	195,990	18,504	9.4	39.1	0.4
Indiana	58,395	8,412	14.4	79,819	9,517	11.9	36.7	13.1
Iowa	39,011	4,710	12.1	55,545	5,373	9.7	42.4	14.1
Kansas	38,701	4,520	11.7	42,639	3,951	9.3	10.2	-12.6
Kentucky	34,251	3,748	10.9	59,182	5,980	10.1	72.8	59.6
Louisiana	48,795	6,561	13.4	62,210	5,863	9.4	27.5	-10.6
Maine	9,861	1,194	12.1	12,862	1,337	10.4	30.4	12.0
Maryland	49,291	8,544	17.3	68,310	10,045	14.7	38.6	17.6
Massachusetts	92,828	12,819	13.8	113,171	13,997	12.4	21.9	9.2
Michigan	103,012	15,343	14.9	133,475	17,896	13.4	29.6	16.6
Minnesota	57,545	7,654	13.3	87,847	8,029	9.1	52.7	4.9
Mississippi	25,249	2,835	11.2	30,950	2,989	9.7	22.6	5.4
Missouri	65,525	8,471	12.9	88,541	8,620	9.7	35.1	1.8
Montana	8,198	1,361	16.6	9,096	1,379	15.2	11.0	1.3
Nebraska	21,565	2,737	12.7	26,752	3,079	11.5	24.1	12.5
Nevada	10,155	903	8.9	17,917	1,572	8.8	76.4	74.1
New Hampshire	14,403	1,834	12.7	17,604	1,627	9.2	22.2	-11.3
New Jersey	67,066	12,775	19.0	86,533	10,045	11.6	29.0	-21.4
New Mexico	16,644	2,405	14.4	20,926	2,781	13.3	25.7	15.6
New York	235,316	27,935	11.9	291,880	29,805	10.2	24.0	6.7
North Carolina	74,512	11,262	15.1	104,412	12,559	12.0	40.1	11.5
North Dakota	8,500	1,171	13.8	10,656	1,398	13.1	25.4	19.4

See notes at end of table.

Table 1. Number of awards conferred and number, percentage, and percentage change of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by state: Academic years 2000–01 and 2008–09—Continued

State	2000–01			2008–09			% change between 2000–01 and 2008–09	
	All fields	All STEM fields		All fields	All STEM fields		All fields	All STEM fields
		Number	%		Number	%		
Ohio	115,387	15,103	13.1	145,777	16,674	11.4	26.3	10.4
Oklahoma	37,955	4,502	11.9	48,532	5,443	11.2	27.9	20.9
Oregon	32,538	3,351	10.3	42,724	4,141	9.7	31.3	23.6
Pennsylvania	148,281	22,386	15.1	181,505	22,874	12.6	22.4	2.2
Rhode Island	16,139	2,005	12.4	19,936	2,098	10.5	23.5	4.6
South Carolina	35,141	4,947	14.1	44,759	4,944	11.0	27.4	-0.1
South Dakota	8,177	1,313	16.1	9,638	1,379	14.3	17.9	5.0
Tennessee	51,316	5,219	10.2	68,444	6,097	8.9	33.4	16.8
Texas	177,352	26,019	14.7	260,853	31,399	12.0	47.1	20.7
Utah	35,428	4,370	12.3	45,790	5,221	11.4	29.2	19.5
Vermont	8,120	781	9.6	9,969	1,011	10.1	22.8	29.4
Virginia	68,861	10,262	14.9	96,816	12,350	12.8	40.6	20.3
Washington	66,846	7,463	11.2	83,900	8,916	10.6	25.5	19.5
West Virginia	17,298	2,368	13.7	22,879	2,092	9.1	32.3	-11.7
Wisconsin	58,142	8,067	13.9	76,510	8,626	11.3	31.6	6.9
Wyoming	5,964	626	10.5	6,784	671	9.9	13.7	7.2

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 2a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	385,842	115,552	158,504	67,700	15,935	26,715	1,436
Alabama	5,709	1,536	2,543	1,094	220	274	42
Alaska	653	222	263	110	17	41	0
Arizona	6,658	1,635	3,559	931	133	400	0
Arkansas	3,566	1,583	1,201	490	106	186	0
California	41,312	10,210	19,069	7,095	1,965	2,847	126
Colorado	8,098	2,791	2,914	1,464	321	580	28
Connecticut	3,468	902	1,223	708	269	358	8
Delaware	996	289	371	225	18	89	4
District of Columbia	3,146	1,796	594	559	64	133	0
Florida	16,036	6,035	6,872	2,057	332	734	6
Georgia	8,942	2,951	3,559	1,541	365	520	6
Hawaii	1,173	486	326	238	46	68	9
Idaho	1,670	440	701	348	54	127	0
Illinois	18,439	6,823	6,577	3,115	799	1,103	22
Indiana	8,412	1,606	4,348	1,324	400	699	35
Iowa	4,710	1,256	1,853	1,038	274	281	8
Kansas	4,520	1,237	1,856	965	163	283	16
Kentucky	3,748	796	1,665	780	197	281	29
Louisiana	6,561	2,018	2,591	1,292	201	427	32
Maine	1,194	178	472	335	60	144	5
Maryland	8,544	3,189	2,784	1,740	329	502	0
Massachusetts	12,819	2,575	5,643	2,404	673	1,471	53
Michigan	15,343	2,625	8,895	2,210	515	1,079	19
Minnesota	7,654	2,906	2,603	1,230	320	587	8
Mississippi	2,835	464	1,210	730	137	294	0
Missouri	8,471	3,124	3,254	1,306	271	502	14
Montana	1,361	175	625	333	70	156	2
Nebraska	2,737	1,094	898	427	109	196	13
Nevada	903	237	376	186	34	70	0
New Hampshire	1,834	794	426	406	82	120	6
New Jersey	12,775	6,251	3,613	1,885	410	604	12
New Mexico	2,405	561	1,191	345	88	211	9
New York	27,935	10,767	9,644	4,385	1,229	1,843	67
North Carolina	11,262	3,640	3,755	2,448	543	876	0
North Dakota	1,171	265	614	192	27	73	0

See notes at end of table.

Table 2a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	15,103	3,925	6,922	2,451	629	1,116	60
Oklahoma	4,502	1,099	1,971	896	182	341	13
Oregon	3,351	609	1,478	725	171	360	8
Pennsylvania	22,386	6,803	9,443	3,601	922	1,578	39
Rhode Island	2,005	702	687	353	103	149	11
South Carolina	4,947	1,367	1,791	1,216	219	341	13
South Dakota	1,313	308	668	230	41	66	0
Tennessee	5,219	979	2,365	1,148	273	437	17
Texas	26,019	7,157	11,251	4,471	1,081	1,428	631
Utah	4,370	1,134	1,667	1,029	172	349	19
Vermont	781	185	223	237	41	93	2
Virginia	10,262	2,988	3,885	1,954	449	985	1
Washington	7,463	2,028	3,403	1,186	291	546	9
West Virginia	2,368	689	1,053	370	76	176	4
Wisconsin	8,067	2,020	3,330	1,765	401	521	30
Wyoming	626	102	279	132	43	70	0

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 2b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	29.9	41.1	17.5	4.1	6.9	0.4
Alabama	100.0	26.9	44.5	19.2	3.9	4.8	0.7
Alaska	100.0	34.0	40.3	16.8	2.6	6.3	0.0
Arizona	100.0	24.6	53.5	14.0	2.0	6.0	0.0
Arkansas	100.0	44.4	33.7	13.7	3.0	5.2	0.0
California	100.0	24.7	46.2	17.2	4.8	6.9	0.3
Colorado	100.0	34.5	36.0	18.1	4.0	7.2	0.3
Connecticut	100.0	26.0	35.3	20.4	7.8	10.3	0.2
Delaware	100.0	29.0	37.2	22.6	1.8	8.9	0.4
District of Columbia	100.0	57.1	18.9	17.8	2.0	4.2	0.0
Florida	100.0	37.6	42.9	12.8	2.1	4.6	#
Georgia	100.0	33.0	39.8	17.2	4.1	5.8	0.1
Hawaii	100.0	41.4	27.8	20.3	3.9	5.8	0.8
Idaho	100.0	26.3	42.0	20.8	3.2	7.6	0.0
Illinois	100.0	37.0	35.7	16.9	4.3	6.0	0.1
Indiana	100.0	19.1	51.7	15.7	4.8	8.3	0.4
Iowa	100.0	26.7	39.3	22.0	5.8	6.0	0.2
Kansas	100.0	27.4	41.1	21.3	3.6	6.3	0.4
Kentucky	100.0	21.2	44.4	20.8	5.3	7.5	0.8
Louisiana	100.0	30.8	39.5	19.7	3.1	6.5	0.5
Maine	100.0	14.9	39.5	28.1	5.0	12.1	0.4
Maryland	100.0	37.3	32.6	20.4	3.9	5.9	0.0
Massachusetts	100.0	20.1	44.0	18.8	5.3	11.5	0.4
Michigan	100.0	17.1	58.0	14.4	3.4	7.0	0.1
Minnesota	100.0	38.0	34.0	16.1	4.2	7.7	0.1
Mississippi	100.0	16.4	42.7	25.7	4.8	10.4	0.0
Missouri	100.0	36.9	38.4	15.4	3.2	5.9	0.2
Montana	100.0	12.9	45.9	24.5	5.1	11.5	0.1
Nebraska	100.0	40.0	32.8	15.6	4.0	7.2	0.5
Nevada	100.0	26.2	41.6	20.6	3.8	7.8	0.0
New Hampshire	100.0	43.3	23.2	22.1	4.5	6.5	0.3
New Jersey	100.0	48.9	28.3	14.8	3.2	4.7	0.1
New Mexico	100.0	23.3	49.5	14.3	3.7	8.8	0.4
New York	100.0	38.5	34.5	15.7	4.4	6.6	0.2
North Carolina	100.0	32.3	33.3	21.7	4.8	7.8	0.0
North Dakota	100.0	22.6	52.4	16.4	2.3	6.2	0.0

See notes at end of table.

Table 2b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	26.0	45.8	16.2	4.2	7.4	0.4
Oklahoma	100.0	24.4	43.8	19.9	4.0	7.6	0.3
Oregon	100.0	18.2	44.1	21.6	5.1	10.7	0.2
Pennsylvania	100.0	30.4	42.2	16.1	4.1	7.0	0.2
Rhode Island	100.0	35.0	34.3	17.6	5.1	7.4	0.5
South Carolina	100.0	27.6	36.2	24.6	4.4	6.9	0.3
South Dakota	100.0	23.5	50.9	17.5	3.1	5.0	0.0
Tennessee	100.0	18.8	45.3	22.0	5.2	8.4	0.3
Texas	100.0	27.5	43.2	17.2	4.2	5.5	2.4
Utah	100.0	25.9	38.1	23.5	3.9	8.0	0.4
Vermont	100.0	23.7	28.6	30.3	5.2	11.9	0.3
Virginia	100.0	29.1	37.9	19.0	4.4	9.6	#
Washington	100.0	27.2	45.6	15.9	3.9	7.3	0.1
West Virginia	100.0	29.1	44.5	15.6	3.2	7.4	0.2
Wisconsin	100.0	25.0	41.3	21.9	5.0	6.5	0.4
Wyoming	100.0	16.3	44.6	21.1	6.9	11.2	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 2c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	433,742	98,561	178,843	96,968	23,421	33,190	2,759
Alabama	6,069	1,033	2,841	1,536	300	351	8
Alaska	525	58	259	120	26	62	0
Arizona	12,993	6,236	3,359	1,639	234	900	625
Arkansas	2,828	612	1,259	614	116	224	3
California	47,128	8,794	18,860	12,728	2,929	3,743	74
Colorado	8,881	2,001	3,910	1,795	471	682	22
Connecticut	5,108	490	2,356	1,276	486	463	37
Delaware	1,079	224	485	233	50	81	6
District of Columbia	3,408	1,171	1,199	748	135	155	0
Florida	20,036	4,341	10,098	3,820	555	1,068	154
Georgia	12,156	3,766	4,530	2,499	517	784	60
Hawaii	1,259	323	357	363	39	112	65
Idaho	1,990	375	857	502	92	164	0
Illinois	18,504	5,622	6,625	3,547	1,260	1,430	20
Indiana	9,517	1,560	4,798	1,806	593	749	11
Iowa	5,373	1,419	2,026	1,229	371	315	13
Kansas	3,951	670	1,974	809	152	325	21
Kentucky	5,980	1,260	3,057	1,043	248	354	18
Louisiana	5,863	1,290	2,518	1,443	227	364	21
Maine	1,337	85	558	477	76	134	7
Maryland	10,045	3,241	3,348	2,282	489	622	63
Massachusetts	13,997	2,603	5,664	3,315	920	1,425	70
Michigan	17,896	3,351	9,460	3,134	765	1,104	82
Minnesota	8,029	1,950	2,760	2,066	446	771	36
Mississippi	2,989	416	1,172	846	136	419	0
Missouri	8,620	2,027	3,571	2,003	389	593	37
Montana	1,379	146	603	358	96	176	0
Nebraska	3,079	906	1,043	766	163	193	8
Nevada	1,572	375	648	377	65	106	1
New Hampshire	1,627	318	673	370	101	161	4
New Jersey	10,045	2,360	3,686	2,463	794	707	35
New Mexico	2,781	697	1,221	454	116	271	22
New York	29,805	7,074	11,489	6,503	2,352	2,295	92
North Carolina	12,559	2,918	4,733	2,980	623	1,188	117
North Dakota	1,398	225	759	285	54	75	0

See notes at end of table.

Table 2c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	16,674	3,672	7,748	3,307	723	1,126	98
Oklahoma	5,443	1,242	2,391	1,212	227	369	2
Oregon	4,141	787	1,631	1,060	273	390	0
Pennsylvania	22,874	5,310	9,343	4,630	1,513	1,993	85
Rhode Island	2,098	528	751	466	164	183	6
South Carolina	4,944	976	1,674	1,573	272	427	22
South Dakota	1,379	272	679	277	57	93	1
Tennessee	6,097	1,108	2,707	1,328	320	607	27
Texas	31,399	5,847	13,920	7,424	1,658	1,844	706
Utah	5,221	1,313	1,957	1,253	238	434	26
Vermont	1,011	207	322	310	90	82	0
Virginia	12,350	3,256	4,972	2,519	529	1,072	2
Washington	8,916	2,147	3,458	1,825	397	1,070	19
West Virginia	2,092	284	968	537	80	208	15
Wisconsin	8,626	1,606	3,245	2,645	458	654	18
Wyoming	671	69	321	173	36	72	0

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 2d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	22.7	41.2	22.4	5.4	7.7	0.6
Alabama	100.0	17.0	46.8	25.3	4.9	5.8	0.1
Alaska	100.0	11.0	49.3	22.9	5.0	11.8	0.0
Arizona	100.0	48.0	25.9	12.6	1.8	6.9	4.8
Arkansas	100.0	21.6	44.5	21.7	4.1	7.9	0.1
California	100.0	18.7	40.0	27.0	6.2	7.9	0.2
Colorado	100.0	22.5	44.0	20.2	5.3	7.7	0.2
Connecticut	100.0	9.6	46.1	25.0	9.5	9.1	0.7
Delaware	100.0	20.8	44.9	21.6	4.6	7.5	0.6
District of Columbia	100.0	34.4	35.2	21.9	4.0	4.5	0.0
Florida	100.0	21.7	50.4	19.1	2.8	5.3	0.8
Georgia	100.0	31.0	37.3	20.6	4.3	6.4	0.5
Hawaii	100.0	25.7	28.4	28.8	3.1	8.9	5.2
Idaho	100.0	18.8	43.1	25.2	4.6	8.2	0.0
Illinois	100.0	30.4	35.8	19.2	6.8	7.7	0.1
Indiana	100.0	16.4	50.4	19.0	6.2	7.9	0.1
Iowa	100.0	26.4	37.7	22.9	6.9	5.9	0.2
Kansas	100.0	17.0	50.0	20.5	3.8	8.2	0.5
Kentucky	100.0	21.1	51.1	17.4	4.1	5.9	0.3
Louisiana	100.0	22.0	42.9	24.6	3.9	6.2	0.4
Maine	100.0	6.4	41.7	35.7	5.7	10.0	0.5
Maryland	100.0	32.3	33.3	22.7	4.9	6.2	0.6
Massachusetts	100.0	18.6	40.5	23.7	6.6	10.2	0.5
Michigan	100.0	18.7	52.9	17.5	4.3	6.2	0.5
Minnesota	100.0	24.3	34.4	25.7	5.6	9.6	0.4
Mississippi	100.0	13.9	39.2	28.3	4.6	14.0	0.0
Missouri	100.0	23.5	41.4	23.2	4.5	6.9	0.4
Montana	100.0	10.6	43.7	26.0	7.0	12.8	0.0
Nebraska	100.0	29.4	33.9	24.9	5.3	6.3	0.3
Nevada	100.0	23.9	41.2	24.0	4.1	6.7	0.1
New Hampshire	100.0	19.5	41.4	22.7	6.2	9.9	0.2
New Jersey	100.0	23.5	36.7	24.5	7.9	7.0	0.3
New Mexico	100.0	25.1	43.9	16.3	4.2	9.7	0.8
New York	100.0	23.7	38.5	21.8	7.9	7.7	0.3
North Carolina	100.0	23.2	37.7	23.7	5.0	9.5	0.9
North Dakota	100.0	16.1	54.3	20.4	3.9	5.4	0.0

See notes at end of table.

Table 2d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	22.0	46.5	19.8	4.3	6.8	0.6
Oklahoma	100.0	22.8	43.9	22.3	4.2	6.8	#
Oregon	100.0	19.0	39.4	25.6	6.6	9.4	0.0
Pennsylvania	100.0	23.2	40.8	20.2	6.6	8.7	0.4
Rhode Island	100.0	25.2	35.8	22.2	7.8	8.7	0.3
South Carolina	100.0	19.7	33.9	31.8	5.5	8.6	0.4
South Dakota	100.0	19.7	49.2	20.1	4.1	6.7	0.1
Tennessee	100.0	18.2	44.4	21.8	5.2	10.0	0.4
Texas	100.0	18.6	44.3	23.6	5.3	5.9	2.2
Utah	100.0	25.1	37.5	24.0	4.6	8.3	0.5
Vermont	100.0	20.5	31.8	30.7	8.9	8.1	0.0
Virginia	100.0	26.4	40.3	20.4	4.3	8.7	#
Washington	100.0	24.1	38.8	20.5	4.5	12.0	0.2
West Virginia	100.0	13.6	46.3	25.7	3.8	9.9	0.7
Wisconsin	100.0	18.6	37.6	30.7	5.3	7.6	0.2
Wyoming	100.0	10.3	47.8	25.8	5.4	10.7	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 2e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	12.4	-14.7	12.8	43.2	47.0	24.2	92.1
Alabama	6.3	-32.7	11.7	40.4	36.4	28.1	-81.0
Alaska	-19.6	-73.9	-1.5	9.1	52.9	51.2	†
Arizona	95.1	281.4	-5.6	76.0	75.9	125.0	†
Arkansas	-20.7	-61.3	4.8	25.3	9.4	20.4	†
California	14.1	-13.9	-1.1	79.4	49.1	31.5	-41.3
Colorado	9.7	-28.3	34.2	22.6	46.7	17.6	-21.4
Connecticut	47.3	-45.7	92.6	80.2	80.7	29.3	362.5
Delaware	8.3	-22.5	30.7	3.6	177.8	-9.0	50.0
District of Columbia	8.3	-34.8	101.9	33.8	110.9	16.5	†
Florida	24.9	-28.1	46.9	85.7	67.2	45.5	2,467.0
Georgia	35.9	27.6	27.3	62.2	41.6	50.8	900.0
Hawaii	7.3	-33.5	9.5	52.5	-15.2	64.7	622.2
Idaho	19.2	-14.8	22.3	44.3	70.4	29.1	†
Illinois	0.4	-17.6	0.7	13.9	57.7	29.6	-9.1
Indiana	13.1	-2.9	10.3	36.4	48.3	7.2	-68.6
Iowa	14.1	13.0	9.3	18.4	35.4	12.1	62.5
Kansas	-12.6	-45.8	6.4	-16.2	-6.7	14.8	31.3
Kentucky	59.6	58.3	83.6	33.7	25.9	26.0	-37.9
Louisiana	-10.6	-36.1	-2.8	11.7	12.9	-14.8	-34.4
Maine	12.0	-52.2	18.2	42.4	26.7	-6.9	40.0
Maryland	17.6	1.6	20.3	31.1	48.6	23.9	†
Massachusetts	9.2	1.1	0.4	37.9	36.7	-3.1	32.1
Michigan	16.6	27.7	6.4	41.8	48.5	2.3	331.6
Minnesota	4.9	-32.9	6.0	68.0	39.4	31.3	350.0
Mississippi	5.4	-10.3	-3.1	15.9	-0.7	42.5	†
Missouri	1.8	-35.1	9.7	53.4	43.5	18.1	164.3
Montana	1.3	-16.6	-3.5	7.5	37.1	12.8	-100.0
Nebraska	12.5	-17.2	16.1	79.4	49.5	-1.5	-38.5
Nevada	74.1	58.2	72.3	102.7	91.2	51.4	†
New Hampshire	-11.3	-59.9	58.0	-8.9	23.2	34.2	-33.3
New Jersey	-21.4	-62.2	2.0	30.7	93.7	17.1	191.7
New Mexico	15.6	24.2	2.5	31.6	31.8	28.4	144.4
New York	6.7	-34.3	19.1	48.3	91.4	24.5	37.3
North Carolina	11.5	-19.8	26.0	21.7	14.7	35.6	†
North Dakota	19.4	-15.1	23.6	48.4	100.0	2.7	†

See notes at end of table.

Table 2e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	10.4	-6.4	11.9	34.9	14.9	0.9	63.3
Oklahoma	20.9	13.0	21.3	35.3	24.7	8.2	-84.6
Oregon	23.6	29.2	10.4	46.2	59.6	8.3	-100.0
Pennsylvania	2.2	-21.9	-1.1	28.6	64.1	26.3	117.9
Rhode Island	4.6	-24.8	9.3	32.0	59.2	22.8	-45.5
South Carolina	-0.1	-28.6	-6.5	29.4	24.2	25.2	69.2
South Dakota	5.0	-11.7	1.6	20.4	39.0	40.9	†
Tennessee	16.8	13.2	14.5	15.7	17.2	38.9	58.8
Texas	20.7	-18.3	23.7	66.0	53.4	29.1	11.9
Utah	19.5	15.8	17.4	21.8	38.4	24.4	36.8
Vermont	29.4	11.9	44.4	30.8	119.5	-11.8	-100.0
Virginia	20.3	9.0	28.0	28.9	17.8	8.8	100.0
Washington	19.5	5.9	1.6	53.9	36.4	96.0	111.1
West Virginia	-11.7	-58.8	-8.1	45.1	5.3	18.2	275.0
Wisconsin	6.9	-20.5	-2.6	49.9	14.2	25.5	-40.0
Wyoming	7.2	-32.4	15.1	31.1	-16.3	2.9	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 3. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	65,360	64,256	-1.7	194,597	233,299	19.9	55,300	73,155	32.3	15,133	22,082	45.9
Alabama	1,183	729	-38.4	3,242	3,655	12.7	652	1,079	65.5	181	293	61.9
Alaska	130	71	-45.4	197	273	38.6	81	94	16.0	19	19	0.0
Arizona	1,473	4,861	230.0	3,075	4,994	62.4	760	1,159	52.5	250	443	77.2
Arkansas	372	416	11.8	1,372	1,501	9.4	194	255	31.4	38	77	102.6
California	4,962	5,318	7.2	19,184	25,236	31.5	5,951	8,748	47.0	1,879	2,943	56.6
Colorado	874	825	-5.6	4,279	5,579	30.4	1,442	1,481	2.7	327	392	19.9
Connecticut	286	289	1.0	1,637	2,509	53.3	784	1,584	102.0	187	273	46.0
Delaware	170	157	-7.6	524	611	16.6	130	186	43.1	69	99	43.5
District of Columbia	147	107	-27.2	1,305	1,347	3.2	1,285	1,358	5.7	148	164	10.8
Florida	3,769	2,477	-34.3	6,819	10,318	51.3	2,071	3,027	46.2	423	763	80.4
Georgia	410	1,161	183.2	5,187	6,196	19.5	1,424	1,949	36.9	377	766	103.2
Hawaii	272	283	4.0	586	709	21.0	248	159	-35.9	46	63	37.0
Idaho	550	306	-44.4	745	1,228	64.8	165	218	32.1	32	47	46.9
Illinois	2,282	1,689	-26.0	9,449	9,655	2.2	3,206	4,466	39.3	836	994	18.9
Indiana	1,745	1,658	-5.0	4,934	5,710	15.7	943	1,103	17.0	401	630	57.1
Iowa	874	978	11.9	2,765	3,199	15.7	500	673	34.6	235	313	33.2
Kansas	746	446	-40.2	2,289	2,250	-1.7	551	557	1.1	130	147	13.1
Kentucky	734	830	13.1	2,063	2,438	18.2	506	714	41.1	72	182	152.8
Louisiana	1,284	755	-41.2	3,477	3,111	-10.5	692	686	-0.9	197	214	8.6
Maine	214	181	-15.4	845	1,024	21.2	77	77	0.0	17	24	41.2
Maryland	530	761	43.6	4,540	5,174	14.0	1,964	2,501	27.3	420	636	51.4
Massachusetts	1,173	1,078	-8.1	6,981	7,771	11.3	2,879	3,083	7.1	951	1,357	42.7
Michigan	2,632	2,995	13.8	8,190	9,472	15.7	2,742	2,999	9.4	573	852	48.7
Minnesota	1,560	1,441	-7.6	3,679	4,770	29.7	499	1,080	116.4	237	233	-1.7
Mississippi	678	691	1.9	1,730	1,696	-2.0	352	492	39.8	57	97	70.2
Missouri	1,723	1,371	-20.4	4,667	4,976	6.6	970	1,326	36.7	235	312	32.8
Montana	163	104	-36.2	983	1,057	7.5	166	153	-7.8	25	43	72.0
Nebraska	887	597	-32.7	1,264	1,676	32.6	253	393	55.3	49	110	124.5
Nevada	198	336	69.7	480	860	79.2	146	220	50.7	29	90	210.3
New Hampshire	282	216	-23.4	1,005	966	-3.9	260	317	21.9	65	95	46.2
New Jersey	1,236	963	-22.1	4,889	5,262	7.6	1,709	2,064	20.8	447	483	8.1
New Mexico	653	494	-24.3	1,130	1,251	10.7	380	506	33.2	96	161	67.7
New York	6,143	3,991	-35.0	13,695	16,259	18.7	4,701	6,871	46.2	1,144	1,618	41.4
North Carolina	2,333	1,587	-32.0	5,778	6,896	19.3	1,308	1,839	40.6	506	750	48.2
North Dakota	299	296	-1.0	748	867	15.9	92	140	52.2	17	46	170.6

See notes at end of table.

Table 3. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	3,139	3,483	11.0	7,585	8,411	10.9	2,123	2,318	9.2	648	811	25.2
Oklahoma	752	927	23.3	2,302	2,606	13.2	698	696	-0.3	128	177	38.3
Oregon	623	570	-8.5	2,014	2,593	28.7	472	517	9.5	137	194	41.6
Pennsylvania	3,514	3,296	-6.2	11,188	13,550	21.1	2,426	3,806	56.9	774	1,208	56.1
Rhode Island	478	438	-8.4	1,069	1,211	13.3	222	267	20.3	101	131	29.7
South Carolina	763	662	-13.2	2,619	2,991	14.2	605	504	-16.7	135	217	60.7
South Dakota	268	251	-6.3	789	893	13.2	198	194	-2.0	17	25	47.1
Tennessee	738	1,071	45.1	3,056	3,567	16.7	694	723	4.2	233	322	38.2
Texas	5,546	5,517	-0.5	11,875	14,755	24.3	3,763	5,423	44.1	1,017	1,567	54.1
Utah	794	680	-14.4	2,678	3,509	31.0	487	620	27.3	155	246	58.7
Vermont	163	92	-43.6	493	693	40.6	92	191	107.6	31	30	-3.2
Virginia	1,574	2,906	84.6	5,596	6,345	13.4	1,433	2,369	65.3	358	493	37.7
Washington	1,615	1,820	12.7	3,276	4,474	36.6	785	840	7.0	289	368	27.3
West Virginia	435	244	-43.9	1,244	1,383	11.2	276	273	-1.1	39	53	35.9
Wisconsin	1,807	1,669	-7.6	4,790	5,472	14.2	833	780	-6.4	333	483	45.0
Wyoming	184	172	-6.5	290	350	20.7	110	77	-30.0	23	28	21.7

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 4. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by level of certificate and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	28,497	21,692	-23.9	23,849	15,183	-36.3	1,821	1,657	-9.0	1,285	2,418	88.2
Alabama	294	195	-33.7	151	111	-26.5	6	0	-100.0	0	7	†
Alaska	193	5	-97.4	33	63	90.9	0	0	†	0	0	†
Arizona	696	1,050	50.9	402	483	20.1	2	3	50.0	0	0	†
Arkansas	456	331	-27.4	1,133	248	-78.1	1	0	-100.0	0	0	†
California	5,656	3,133	-44.6	3,430	1,401	-59.2	92	3	-96.7	158	346	119.0
Colorado	314	434	38.2	514	109	-78.8	0	0	†	348	61	-82.5
Connecticut	138	176	27.5	384	142	-63.0	0	0	†	52	135	159.6
Delaware	79	7	-91.1	24	19	-20.8	0	0	†	0	0	†
District of Columbia	80	73	-8.8	163	6	-96.3	0	2	†	18	351	1,850.0
Florida	1,305	2,144	64.3	1,488	860	-42.2	160	441	175.6	1	6	500.0
Georgia	1,077	1,377	27.9	418	411	-1.7	49	289	489.8	0	7	†
Hawaii	6	25	316.7	15	12	-20.0	0	3	†	0	5	†
Idaho	15	16	6.7	80	46	-42.5	83	127	53.0	0	2	†
Illinois	1,454	1,043	-28.3	1,184	644	-45.6	0	0	†	28	13	-53.6
Indiana	119	166	39.5	267	178	-33.3	0	0	†	3	72	2,300.0
Iowa	191	86	-55.0	139	101	-27.3	0	0	†	6	23	283.3
Kansas	414	185	-55.3	330	354	7.3	60	0	-100.0	0	12	†
Kentucky	74	1,647	2,125.7	220	151	-31.4	79	1	-98.7	0	17	†
Louisiana	403	531	31.8	403	565	40.2	92	0	-100.0	13	1	-92.3
Maine	1	0	-100.0	34	29	-14.7	6	0	-100.0	0	2	†
Maryland	279	74	-73.5	580	478	-17.6	129	181	40.3	102	240	135.3
Massachusetts	527	351	-33.4	130	331	154.6	137	0	-100.0	41	26	-36.6
Michigan	532	786	47.7	599	729	21.7	58	7	-87.9	17	56	229.4
Minnesota	695	216	-68.9	859	125	-85.4	120	136	13.3	5	28	460.0
Mississippi	0	0	†	14	13	-7.1	4	0	-100.0	0	0	†
Missouri	167	124	-25.7	660	278	-57.9	23	15	-34.8	26	218	738.5
Montana	1	0	-100.0	23	22	-4.3	0	0	†	0	0	†
Nebraska	169	228	34.9	115	74	-35.7	0	0	†	0	1	†
Nevada	25	21	-16.0	25	33	32.0	0	12	†	0	0	†
New Hampshire	201	25	-87.6	13	1	-92.3	0	0	†	8	7	-12.5
New Jersey	1,514	176	-88.4	2,711	1,013	-62.6	202	42	-79.2	67	42	-37.3
New Mexico	35	68	94.3	95	235	147.4	16	58	262.5	0	8	†
New York	1,378	140	-89.8	608	562	-7.6	14	0	-100.0	252	364	44.4
North Carolina	1,146	1,287	12.3	185	200	8.1	0	0	†	6	0	-100.0
North Dakota	8	12	50.0	7	37	428.6	0	0	†	0	0	†

See notes at end of table.

Table 4. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by level of certificate and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	1,029	799	-22.4	579	837	44.6	0	2	†	0	13	†
Oklahoma	95	197	107.4	485	613	26.4	42	213	407.1	0	14	†
Oregon	29	110	279.3	70	117	67.1	6	3	-50.0	0	37	†
Pennsylvania	3,880	215	-94.5	574	709	23.5	22	6	-72.7	8	84	950.0
Rhode Island	0	0	†	134	51	-61.9	0	0	†	1	0	-100.0
South Carolina	794	552	-30.5	31	14	-54.8	0	0	†	0	4	†
South Dakota	0	16	†	13	0	-100.0	28	0	-100.0	0	0	†
Tennessee	55	140	154.5	416	199	-52.2	27	49	81.5	0	26	†
Texas	1,790	2,365	32.1	1,907	1,690	-11.4	120	16	-86.7	1	66	6,500.0
Utah	118	51	-56.8	138	113	-18.1	0	0	†	0	2	†
Vermont	0	5	†	2	0	-100.0	0	0	†	0	0	†
Virginia	236	10	-95.8	898	126	-86.0	52	0	-100.0	115	101	-12.2
Washington	608	907	49.2	690	444	-35.7	191	48	-74.9	9	15	66.7
West Virginia	121	45	-62.8	253	93	-63.2	0	0	†	0	1	†
Wisconsin	91	127	39.6	213	90	-57.7	0	0	†	0	5	†
Wyoming	9	21	133.3	10	23	130.0	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields include computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 5. Number of awards and number, percentage, and percentage change in the number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by state: Academic years 2000–01 and 2008–09

State	2000–01			2008–09			% change
	Total number	Number earned by women	% earned by women	Total number	Number earned by women	% earned by women	
United States	385,842	127,134	32.9	433,742	134,634	31.0	5.9
Alabama	5,709	2,113	37.0	6,069	2,044	33.7	-3.3
Alaska	653	279	42.7	525	189	36.0	-32.3
Arizona	6,658	1,772	26.6	12,993	3,814	29.4	115.2
Arkansas	3,566	1,337	37.5	2,828	828	29.3	-38.1
California	41,312	12,548	30.4	47,128	15,535	33.0	23.8
Colorado	8,098	2,632	32.5	8,881	2,794	31.5	6.2
Connecticut	3,468	1,180	34.0	5,108	1,706	33.4	44.6
Delaware	996	351	35.2	1,079	356	33.0	1.4
District of Columbia	3,146	1,375	43.7	3,408	1,279	37.5	-7.0
Florida	16,036	5,670	35.4	20,036	5,804	29.0	2.4
Georgia	8,942	3,255	36.4	12,156	4,039	33.2	24.1
Hawaii	1,173	393	33.5	1,259	448	35.6	14.0
Idaho	1,670	434	26.0	1,990	443	22.3	2.1
Illinois	18,439	6,201	33.6	18,504	5,518	29.8	-11.0
Indiana	8,412	2,467	29.3	9,517	2,557	26.9	3.6
Iowa	4,710	1,522	32.3	5,373	1,628	30.3	7.0
Kansas	4,520	1,464	32.4	3,951	1,121	28.4	-23.4
Kentucky	3,748	1,240	33.1	5,980	1,533	25.6	23.6
Louisiana	6,561	2,620	39.9	5,863	1,899	32.4	-27.5
Maine	1,194	369	30.9	1,337	454	34.0	23.0
Maryland	8,544	3,132	36.7	10,045	3,500	34.8	11.7
Massachusetts	12,819	4,476	34.9	13,997	4,800	34.3	7.2
Michigan	15,343	4,707	30.7	17,896	4,760	26.6	1.1
Minnesota	7,654	2,346	30.7	8,029	2,390	29.8	1.9
Mississippi	2,835	1,055	37.2	2,989	1,115	37.3	5.7
Missouri	8,471	2,667	31.5	8,620	2,490	28.9	-6.6
Montana	1,361	419	30.8	1,379	399	28.9	-4.8
Nebraska	2,737	775	28.3	3,079	896	29.1	15.6
Nevada	903	278	30.8	1,572	495	31.5	78.1
New Hampshire	1,834	688	37.5	1,627	519	31.9	-24.6
New Jersey	12,775	4,579	35.8	10,045	3,338	33.2	-27.1
New Mexico	2,405	843	35.1	2,781	845	30.4	0.2
New York	27,935	9,184	32.9	29,805	9,176	30.8	-0.1
North Carolina	11,262	4,425	39.3	12,559	4,525	36.0	2.3
North Dakota	1,171	260	22.2	1,398	326	23.3	25.4

See notes at end of table.

Table 5. Number of awards and number, percentage, and percentage change in the number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by state: Academic years 2000–01 and 2008–09—Continued

State	2000–01			2008–09			% change
	Total number	Number earned by women	% earned by women	Total number	Number earned by women	% earned by women	
Ohio	15,103	4,819	31.9	16,674	4,701	28.2	-2.4
Oklahoma	4,502	1,411	31.3	5,443	1,590	29.2	12.7
Oregon	3,351	1,057	31.5	4,141	1,240	29.9	17.3
Pennsylvania	22,386	6,790	30.3	22,874	7,128	31.2	5.0
Rhode Island	2,005	629	31.4	2,098	647	30.8	2.9
South Carolina	4,947	1,931	39.0	4,944	1,897	38.4	-1.8
South Dakota	1,313	394	30.0	1,379	385	27.9	-2.3
Tennessee	5,219	1,816	34.8	6,097	1,846	30.3	1.7
Texas	26,019	8,229	31.6	31,399	9,668	30.8	17.5
Utah	4,370	958	21.9	5,221	1,090	20.9	13.8
Vermont	781	292	37.4	1,011	297	29.4	1.7
Virginia	10,262	3,803	37.1	12,350	4,220	34.2	11.0
Washington	7,463	2,457	32.9	8,916	2,780	31.2	13.1
West Virginia	2,368	710	30.0	2,092	591	28.3	-16.8
Wisconsin	8,067	2,581	32.0	8,626	2,787	32.3	8.0
Wyoming	626	201	32.1	671	204	30.4	1.5

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields include computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 6a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	127,134	40,695	28,860	39,591	7,205	10,267	516
Alabama	2,113	648	578	667	117	100	3
Alaska	279	116	69	74	4	16	0
Arizona	1,772	463	549	559	52	149	0
Arkansas	1,337	776	185	250	51	75	0
California	12,548	2,996	3,497	4,165	795	1,039	56
Colorado	2,632	809	568	889	143	209	14
Connecticut	1,180	250	239	415	145	128	3
Delaware	351	105	72	126	9	36	3
District of Columbia	1,375	804	138	340	31	62	0
Florida	5,670	2,711	1,262	1,247	155	292	3
Georgia	3,255	1,093	837	936	167	218	4
Hawaii	393	157	70	122	20	22	2
Idaho	434	97	104	174	18	41	0
Illinois	6,201	2,523	1,113	1,745	367	443	10
Indiana	2,467	504	733	767	168	274	21
Iowa	1,522	391	325	592	112	96	6
Kansas	1,464	457	281	549	67	106	4
Kentucky	1,240	310	299	432	101	95	3
Louisiana	2,620	1,080	480	774	96	189	1
Maine	369	47	55	196	20	47	4
Maryland	3,132	1,140	621	1,043	151	177	0
Massachusetts	4,476	748	1,235	1,499	315	645	34
Michigan	4,707	994	1,713	1,313	252	427	8
Minnesota	2,346	807	456	731	141	208	3
Mississippi	1,055	179	215	451	78	132	0
Missouri	2,667	1,033	552	751	120	201	10
Montana	419	51	102	174	28	62	2
Nebraska	775	311	111	231	44	67	11
Nevada	278	73	73	97	12	23	0
New Hampshire	688	278	65	248	42	50	5
New Jersey	4,579	2,215	730	1,161	212	252	9
New Mexico	843	248	257	216	40	76	6
New York	9,184	3,689	1,774	2,494	536	646	45
North Carolina	4,425	1,601	747	1,468	243	366	0
North Dakota	260	69	69	91	9	22	0

See notes at end of table.

Table 6a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	4,819	1,485	1,110	1,443	287	453	41
Oklahoma	1,411	374	348	471	89	128	1
Oregon	1,057	137	271	443	79	123	4
Pennsylvania	6,790	2,166	1,500	2,078	429	601	16
Rhode Island	629	204	105	216	46	53	5
South Carolina	1,931	589	318	772	107	139	6
South Dakota	394	100	119	124	22	29	0
Tennessee	1,816	347	470	659	128	198	14
Texas	8,229	2,432	2,097	2,540	526	509	125
Utah	958	215	192	387	62	99	3
Vermont	292	54	34	152	20	30	2
Virginia	3,803	1,129	736	1,250	228	459	1
Washington	2,457	743	656	738	126	191	3
West Virginia	710	259	137	207	34	71	2
Wisconsin	2,581	645	538	1,057	144	174	23
Wyoming	201	43	55	67	17	19	0

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 6b. Percentage of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	32.9	35.2	18.2	58.5	45.2	38.4	35.9
Alabama	37.0	42.2	22.7	61.0	53.2	36.5	7.1
Alaska	42.7	52.3	26.2	67.3	23.5	39.0	†
Arizona	26.6	28.3	15.4	60.0	39.1	37.3	†
Arkansas	37.5	49.0	15.4	51.0	48.1	40.3	†
California	30.4	29.3	18.3	58.7	40.5	36.5	44.4
Colorado	32.5	29.0	19.5	60.7	44.5	36.0	50.0
Connecticut	34.0	27.7	19.5	58.6	53.9	35.8	37.5
Delaware	35.2	36.3	19.4	56.0	50.0	40.4	75.0
District of Columbia	43.7	44.8	23.2	60.8	48.4	46.6	†
Florida	35.4	44.9	18.4	60.6	46.7	39.8	50.0
Georgia	36.4	37.0	23.5	60.7	45.8	41.9	66.7
Hawaii	33.5	32.3	21.5	51.3	43.5	32.4	22.2
Idaho	26.0	22.0	14.8	50.0	33.3	32.3	†
Illinois	33.6	37.0	16.9	56.0	45.9	40.2	45.5
Indiana	29.3	31.4	16.9	57.9	42.0	39.2	60.0
Iowa	32.3	31.1	17.5	57.0	40.9	34.2	75.0
Kansas	32.4	36.9	15.1	56.9	41.1	37.5	25.0
Kentucky	33.1	38.9	18.0	55.4	51.3	33.8	10.3
Louisiana	39.9	53.5	18.5	59.9	47.8	44.3	3.1
Maine	30.9	26.4	11.7	58.5	33.3	32.6	80.0
Maryland	36.7	35.7	22.3	59.9	45.9	35.3	†
Massachusetts	34.9	29.0	21.9	62.4	46.8	43.8	64.2
Michigan	30.7	37.9	19.3	59.4	48.9	39.6	42.1
Minnesota	30.7	27.8	17.5	59.4	44.1	35.4	37.5
Mississippi	37.2	38.6	17.8	61.8	56.9	44.9	†
Missouri	31.5	33.1	17.0	57.5	44.3	40.0	71.4
Montana	30.8	29.1	16.3	52.3	40.0	39.7	100.0
Nebraska	28.3	28.4	12.4	54.1	40.4	34.2	84.6
Nevada	30.8	30.8	19.4	52.2	35.3	32.9	†
New Hampshire	37.5	35.0	15.3	61.1	51.2	41.7	83.3
New Jersey	35.8	35.4	20.2	61.6	51.7	41.7	75.0
New Mexico	35.1	44.2	21.6	62.6	45.5	36.0	66.7
New York	32.9	34.3	18.4	56.9	43.6	35.1	67.2
North Carolina	39.3	44.0	19.9	60.0	44.8	41.8	†
North Dakota	22.2	26.0	11.2	47.4	33.3	30.1	†

See notes at end of table.

Table 6b. Percentage of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	31.9	37.8	16.0	58.9	45.6	40.6	68.3
Oklahoma	31.3	34.0	17.7	52.6	48.9	37.5	7.7
Oregon	31.5	22.5	18.3	61.1	46.2	34.2	50.0
Pennsylvania	30.3	31.8	15.9	57.7	46.5	38.1	41.0
Rhode Island	31.4	29.1	15.3	61.2	44.7	35.6	45.5
South Carolina	39.0	43.1	17.8	63.5	48.9	40.8	46.2
South Dakota	30.0	32.5	17.8	53.9	53.7	43.9	†
Tennessee	34.8	35.4	19.9	57.4	46.9	45.3	82.4
Texas	31.6	34.0	18.6	56.8	48.7	35.6	19.8
Utah	21.9	19.0	11.5	37.6	36.0	28.4	15.8
Vermont	37.4	29.2	15.2	64.1	48.8	32.3	100.0
Virginia	37.1	37.8	18.9	64.0	50.8	46.6	100.0
Washington	32.9	36.6	19.3	62.2	43.3	35.0	33.3
West Virginia	30.0	37.6	13.0	55.9	44.7	40.3	50.0
Wisconsin	32.0	31.9	16.2	59.9	35.9	33.4	76.7
Wyoming	32.1	42.2	19.7	50.8	39.5	27.1	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 6c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	134,634	22,924	30,913	57,152	9,735	12,939	971
Alabama	2,044	275	516	954	145	153	1
Alaska	189	8	67	75	8	31	0
Arizona	3,814	1,789	518	937	95	333	142
Arkansas	828	135	193	348	62	89	1
California	15,535	1,666	3,681	7,558	1,162	1,428	40
Colorado	2,794	479	745	1,133	179	258	0
Connecticut	1,706	106	389	776	228	196	11
Delaware	356	50	115	137	22	29	3
District of Columbia	1,279	400	317	438	64	60	0
Florida	5,804	1,013	1,703	2,345	213	444	86
Georgia	4,039	1,016	877	1,532	231	339	44
Hawaii	448	75	70	218	18	51	16
Idaho	443	47	135	197	21	43	0
Illinois	5,518	1,307	1,125	2,029	522	522	13
Indiana	2,557	292	760	1,032	205	260	8
Iowa	1,628	361	305	679	173	106	4
Kansas	1,121	131	315	473	73	124	5
Kentucky	1,533	263	404	608	97	155	6
Louisiana	1,899	377	398	878	89	156	1
Maine	454	16	52	297	28	57	4
Maryland	3,500	871	757	1,419	207	215	31
Massachusetts	4,800	560	1,177	2,040	396	589	38
Michigan	4,760	765	1,430	1,834	289	425	17
Minnesota	2,390	358	376	1,198	159	280	19
Mississippi	1,115	110	209	526	78	192	0
Missouri	2,490	412	610	1,060	154	238	16
Montana	399	26	97	189	34	53	0
Nebraska	896	216	128	404	67	78	3
Nevada	495	88	132	211	22	41	1
New Hampshire	519	63	118	228	52	55	3
New Jersey	3,338	464	701	1,496	371	302	4
New Mexico	845	161	250	273	38	109	14
New York	9,176	1,559	1,991	3,770	981	839	36
North Carolina	4,525	810	922	1,900	287	529	77
North Dakota	326	55	79	145	26	21	0

See notes at end of table.

Table 6c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	4,701	917	1,125	1,869	284	453	53
Oklahoma	1,590	314	354	702	75	144	1
Oregon	1,240	123	251	615	95	156	0
Pennsylvania	7,128	1,250	1,595	2,823	633	779	48
Rhode Island	647	98	107	300	66	76	0
South Carolina	1,897	272	285	1,033	116	183	8
South Dakota	385	72	95	154	24	39	1
Tennessee	1,846	209	474	773	135	242	13
Texas	9,668	1,277	2,409	4,369	747	700	166
Utah	1,090	170	234	431	97	148	10
Vermont	297	30	41	160	44	22	0
Virginia	4,220	927	969	1,567	255	501	1
Washington	2,780	515	659	1,071	149	373	13
West Virginia	591	75	103	287	45	80	1
Wisconsin	2,787	338	488	1,562	165	222	12
Wyoming	204	13	62	99	9	21	0

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 6d. Percentage of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	31.0	23.3	17.3	58.9	41.6	39.0	35.2
Alabama	33.7	26.6	18.2	62.1	48.3	43.6	12.5
Alaska	36.0	13.8	25.9	62.5	30.8	50.0	†
Arizona	29.4	28.7	15.4	57.2	40.6	37.0	22.7
Arkansas	29.3	22.1	15.3	56.7	53.4	39.7	33.3
California	33.0	18.9	19.5	59.4	39.7	38.2	54.1
Colorado	31.5	23.9	19.1	63.1	38.0	37.8	0.0
Connecticut	33.4	21.6	16.5	60.8	46.9	42.3	29.7
Delaware	33.0	22.3	23.7	58.8	44.0	35.8	50.0
District of Columbia	37.5	34.2	26.4	58.6	47.4	38.7	†
Florida	29.0	23.3	16.9	61.4	38.4	41.6	55.8
Georgia	33.2	27.0	19.4	61.3	44.7	43.2	73.3
Hawaii	35.6	23.2	19.6	60.1	46.2	45.5	24.6
Idaho	22.3	12.5	15.8	39.2	22.8	26.2	†
Illinois	29.8	23.2	17.0	57.2	41.4	36.5	65.0
Indiana	26.9	18.7	15.8	57.1	34.6	34.7	72.7
Iowa	30.3	25.4	15.1	55.2	46.6	33.7	30.8
Kansas	28.4	19.6	16.0	58.5	48.0	38.2	23.8
Kentucky	25.6	20.9	13.2	58.3	39.1	43.8	33.3
Louisiana	32.4	29.2	15.8	60.8	39.2	42.9	4.8
Maine	34.0	18.8	9.3	62.3	36.8	42.5	57.1
Maryland	34.8	26.9	22.6	62.2	42.3	34.6	49.2
Massachusetts	34.3	21.5	20.8	61.5	43.0	41.3	54.3
Michigan	26.6	22.8	15.1	58.5	37.8	38.5	20.7
Minnesota	29.8	18.4	13.6	58.0	35.7	36.3	52.8
Mississippi	37.3	26.4	17.8	62.2	57.4	45.8	†
Missouri	28.9	20.3	17.1	52.9	39.6	40.1	43.2
Montana	28.9	17.8	16.1	52.8	35.4	30.1	†
Nebraska	29.1	23.8	12.3	52.7	41.1	40.4	37.5
Nevada	31.5	23.5	20.4	56.0	33.8	38.7	100.0
New Hampshire	31.9	19.8	17.5	61.6	51.5	34.2	75.0
New Jersey	33.2	19.7	19.0	60.7	46.7	42.7	11.4
New Mexico	30.4	23.1	20.5	60.1	32.8	40.2	63.6
New York	30.8	22.0	17.3	58.0	41.7	36.6	39.1
North Carolina	36.0	27.8	19.5	63.8	46.1	44.5	65.8
North Dakota	23.3	24.4	10.4	50.9	48.1	28.0	†

See notes at end of table.

Table 6d. Percentage of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	28.2	25.0	14.5	56.5	39.3	40.2	54.1
Oklahoma	29.2	25.3	14.8	57.9	33.0	39.0	50.0
Oregon	29.9	15.6	15.4	58.0	34.8	40.0	†
Pennsylvania	31.2	23.5	17.1	61.0	41.8	39.1	56.5
Rhode Island	30.8	18.6	14.2	64.4	40.2	41.5	0.0
South Carolina	38.4	27.9	17.0	65.7	42.6	42.9	36.4
South Dakota	27.9	26.5	14.0	55.6	42.1	41.9	100.0
Tennessee	30.3	18.9	17.5	58.2	42.2	39.9	48.1
Texas	30.8	21.8	17.3	58.8	45.1	38.0	23.5
Utah	20.9	12.9	12.0	34.4	40.8	34.1	38.5
Vermont	29.4	14.5	12.7	51.6	48.9	26.8	†
Virginia	34.2	28.5	19.5	62.2	48.2	46.7	50.0
Washington	31.2	24.0	19.1	58.7	37.5	34.9	68.4
West Virginia	28.3	26.4	10.6	53.4	56.3	38.5	6.7
Wisconsin	32.3	21.0	15.0	59.1	36.0	33.9	66.7
Wyoming	30.4	18.8	19.3	57.2	25.0	29.2	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 6e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	5.9	-43.7	7.1	44.4	35.1	26.0	88.2
Alabama	-3.3	-57.6	-10.7	43.0	23.9	53.0	-66.7
Alaska	-32.3	-93.1	-2.9	1.4	100.0	93.8	†
Arizona	115.2	286.4	-5.7	67.6	82.7	123.5	†
Arkansas	-38.1	-82.6	4.3	39.2	21.6	18.7	†
California	23.8	-44.4	5.3	81.5	46.2	37.4	-28.6
Colorado	6.2	-40.8	31.2	27.5	25.2	23.4	-100.0
Connecticut	44.6	-57.6	62.8	87.0	57.2	53.1	266.7
Delaware	1.4	-52.4	59.7	8.7	144.4	-19.4	0.0
District of Columbia	-7.0	-50.3	129.7	28.8	106.5	-3.2	†
Florida	2.4	-62.6	34.9	88.1	37.4	52.1	2,767.0
Georgia	24.1	-7.0	4.8	63.7	38.3	55.5	1,000.0
Hawaii	14.0	-52.2	0.0	78.7	-10.0	131.8	700.0
Idaho	2.1	-51.6	29.8	13.2	16.7	4.9	†
Illinois	-11.0	-48.2	1.1	16.3	42.2	17.8	30.0
Indiana	3.7	-42.1	3.7	34.6	22.0	-5.1	-61.9
Iowa	7.0	-7.7	-6.2	14.7	54.5	10.4	-33.3
Kansas	-23.4	-71.3	12.1	-13.8	9.0	17.0	25.0
Kentucky	23.6	-15.2	35.1	40.7	-4.0	63.2	100.0
Louisiana	-27.5	-65.1	-17.1	13.4	-7.3	-17.5	0.0
Maine	23.0	-66.0	-5.5	51.5	40.0	21.3	0.0
Maryland	11.8	-23.6	21.9	36.1	37.1	21.5	†
Massachusetts	7.2	-25.1	-4.7	36.1	25.7	-8.7	11.8
Michigan	1.1	-23.0	-16.5	39.7	14.7	-0.5	112.5
Minnesota	1.9	-55.6	-17.5	63.9	12.8	34.6	533.3
Mississippi	5.7	-38.6	-2.8	16.6	0.0	45.5	†
Missouri	-6.6	-60.1	10.5	41.2	28.3	18.4	60.0
Montana	-4.8	-49.0	-4.9	8.6	21.4	-14.5	-100.0
Nebraska	15.6	-30.6	15.3	74.9	52.3	16.4	-72.7
Nevada	78.1	20.6	80.8	117.5	83.3	78.3	†
New Hampshire	-24.6	-77.3	81.5	-8.1	23.8	10.0	-40.0
New Jersey	-27.1	-79.1	-4.0	28.9	75.0	19.8	-55.6
New Mexico	0.2	-35.1	-2.7	26.4	-5.0	43.4	133.3
New York	-0.1	-57.7	12.2	51.2	83.0	29.9	-20.0
North Carolina	2.3	-49.4	23.4	29.4	18.1	44.5	†
North Dakota	25.4	-20.3	14.5	59.3	188.9	-4.6	†

See notes at end of table.

Table 6e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	-2.5	-38.3	1.4	29.5	-1.1	0.0	29.3
Oklahoma	12.7	-16.0	1.7	49.0	-15.7	12.5	0.0
Oregon	17.3	-10.2	-7.4	38.8	20.3	26.8	-100.0
Pennsylvania	5.0	-42.3	6.3	35.9	47.6	29.6	200.0
Rhode Island	2.9	-52.0	1.9	38.9	43.5	43.4	-100.0
South Carolina	-1.8	-53.8	-10.4	33.8	8.4	31.7	33.3
South Dakota	-2.3	-28.0	-20.2	24.2	9.1	34.5	†
Tennessee	1.7	-39.8	0.9	17.3	5.5	22.2	-7.1
Texas	17.5	-47.5	14.9	72.0	42.0	37.5	32.8
Utah	13.8	-20.9	21.9	11.4	56.5	49.5	233.3
Vermont	1.7	-44.4	20.6	5.3	120.0	-26.7	-100.0
Virginia	11.0	-17.9	31.7	25.4	11.8	9.2	0.0
Washington	13.2	-30.7	0.5	45.1	18.3	95.3	333.3
West Virginia	-16.8	-71.0	-24.8	38.7	32.4	12.7	-50.0
Wisconsin	8.0	-47.6	-9.3	47.8	14.6	27.6	-47.8
Wyoming	1.5	-69.8	12.7	47.8	-47.1	10.5	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 7. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
United States	19,027	14,131	-25.7	69,900	81,876	17.1	17,133	22,335	30.4	4,146	7,417	78.9
Alabama	443	169	-61.9	1,272	1,405	10.5	213	297	39.4	60	106	76.7
Alaska	37	21	-43.2	93	105	12.9	28	32	14.3	12	8	-33.3
Arizona	283	1,397	393.6	1,012	1,563	54.4	210	369	75.7	59	135	128.8
Arkansas	127	93	-26.8	484	529	9.3	64	89	39.1	11	32	190.9
California	1,280	1,539	20.2	6,859	9,252	34.9	1,822	2,626	44.1	500	935	87.0
Colorado	226	195	-13.7	1,548	1,809	16.9	446	452	1.3	97	131	35.1
Connecticut	80	41	-48.8	617	1,018	65.0	263	433	64.6	63	118	87.3
Delaware	58	42	-27.6	214	210	-1.9	37	67	81.1	15	30	100.0
District of Columbia	86	47	-45.3	605	567	-6.3	517	491	-5.0	48	70	45.8
Florida	1,374	545	-60.3	2,397	3,550	48.1	577	857	48.5	96	228	137.5
Georgia	128	308	140.6	2,024	2,315	14.4	480	551	14.8	101	272	169.3
Hawaii	77	52	-32.5	207	287	38.6	89	65	-27.0	13	19	46.2
Idaho	126	52	-58.7	241	289	19.9	39	58	48.7	3	13	333.3
Illinois	699	339	-51.5	3,299	3,157	-4.3	953	1,364	43.1	236	324	37.3
Indiana	457	293	-35.9	1,525	1,648	8.1	262	333	27.1	91	183	101.1
Iowa	262	190	-27.5	958	1,103	15.1	140	186	32.9	68	104	52.9
Kansas	328	127	-61.3	739	689	-6.8	145	161	11.0	34	49	44.1
Kentucky	230	149	-35.2	726	845	16.4	155	231	49.0	20	82	310.0
Louisiana	480	159	-66.9	1,356	1,225	-9.7	243	202	-16.9	51	69	35.3
Maine	45	32	-28.9	288	381	32.3	22	26	18.2	6	13	116.7
Maryland	180	236	31.1	1,827	1,855	1.5	684	893	30.6	126	225	78.6
Massachusetts	326	194	-40.5	2,661	3,052	14.7	917	1,010	10.1	248	457	84.3
Michigan	861	576	-33.1	2,680	2,817	5.1	747	901	20.6	156	259	66.0
Minnesota	390	220	-43.6	1,296	1,715	32.3	157	284	80.9	68	75	10.3
Mississippi	180	176	-2.2	698	717	2.7	153	195	27.5	14	21	50.0
Missouri	485	201	-58.6	1,605	1,652	2.9	238	381	60.1	74	119	60.8
Montana	38	22	-42.1	315	309	-1.9	56	46	-17.9	5	15	200.0
Nebraska	211	85	-59.7	391	531	35.8	78	142	82.1	12	38	216.7
Nevada	35	74	111.4	163	295	81.0	55	85	54.5	6	27	350.0
New Hampshire	74	30	-59.5	404	337	-16.6	105	110	4.8	21	34	61.9
New Jersey	343	199	-42.0	1,971	2,075	5.3	560	660	17.9	155	163	5.2
New Mexico	259	146	-43.6	408	425	4.2	107	144	34.6	26	48	84.6
New York	1,769	689	-61.1	4,892	5,598	14.4	1,458	2,113	44.9	299	569	90.3
North Carolina	839	410	-51.1	2,439	2,840	16.4	458	619	35.2	181	308	70.2
North Dakota	65	34	-47.7	166	240	44.6	20	36	80.0	5	9	80.0

See notes at end of table.

Table 7. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	851	569	-33.1	2,630	2,726	3.7	646	699	8.2	162	271	67.3
Oklahoma	217	200	-7.8	748	885	18.3	213	183	-14.1	32	58	81.3
Oregon	138	102	-26.1	706	848	20.1	133	146	9.8	46	58	26.1
Pennsylvania	725	632	-12.8	3,884	4,650	19.7	782	1,199	53.3	205	393	91.7
Rhode Island	108	51	-52.8	383	440	14.9	71	92	29.6	34	52	52.9
South Carolina	286	147	-48.6	1,155	1,363	18.0	164	179	9.1	30	70	133.3
South Dakota	82	44	-46.3	239	263	10.0	62	60	-3.2	4	14	250.0
Tennessee	207	174	-15.9	1,137	1,241	9.1	220	231	5.0	71	114	60.6
Texas	1,577	1,358	-13.9	4,336	5,460	25.9	1,100	1,624	47.6	259	524	102.3
Utah	188	101	-46.3	584	738	26.4	110	142	29.1	33	71	115.2
Vermont	35	14	-60.0	209	234	12.0	32	31	-3.1	14	15	7.1
Virginia	602	882	46.5	2,198	2,488	13.2	477	615	28.9	98	163	66.3
Washington	449	400	-10.9	1,194	1,565	31.1	261	282	8.0	79	151	91.1
West Virginia	102	41	-59.8	376	410	9.0	84	91	8.3	11	12	9.1
Wisconsin	506	290	-42.7	1,655	2,049	23.8	253	226	-10.7	84	149	77.4
Wyoming	73	44	-39.7	86	111	29.1	27	26	-3.7	4	14	250.0

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 8. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by level of certificate and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	9,345	4,675	-50.0	6,803	3,142	-53.8	328	286	-12.8	452	772	70.8
Alabama	64	42	-34.4	56	23	-58.9	5	0	-100.0	0	2	†
Alaska	102	3	-97.1	7	20	185.7	0	0	†	0	0	†
Arizona	144	311	116.0	64	36	-43.8	0	3	†	0	0	†
Arkansas	57	47	-17.5	593	38	-93.6	1	0	-100.0	0	0	†
California	1,389	706	-49.2	644	385	-40.2	21	2	-90.5	33	90	172.7
Colorado	67	164	144.8	128	24	-81.3	0	0	†	120	19	-84.2
Connecticut	37	15	-59.5	96	23	-76.0	0	0	†	24	58	141.7
Delaware	20	4	-80.0	7	3	-57.1	0	0	†	0	0	†
District of Columbia	40	20	-50.0	71	2	-97.2	0	1	†	8	81	912.5
Florida	797	401	-49.7	393	176	-55.2	36	43	19.4	0	4	†
Georgia	377	438	16.2	131	64	-51.1	14	89	535.7	0	2	†
Hawaii	5	20	300.0	2	5	150.0	0	0	†	0	0	†
Idaho	2	5	150.0	12	6	-50.0	11	19	72.7	0	1	†
Illinois	652	245	-62.4	355	79	-77.7	0	0	†	7	10	42.9
Indiana	30	43	43.3	100	49	-51.0	0	0	†	2	8	300.0
Iowa	52	28	-46.2	40	7	-82.5	0	0	†	2	10	400.0
Kansas	79	41	-48.1	134	51	-61.9	5	0	-100.0	0	3	†
Kentucky	42	205	388.1	46	18	-60.9	21	0	-100.0	0	3	†
Louisiana	305	129	-57.7	155	114	-26.5	26	0	-100.0	4	1	-75.0
Maine	0	0	†	7	1	-85.7	1	0	-100.0	0	1	†
Maryland	94	14	-85.1	143	139	-2.8	45	57	26.7	33	81	145.5
Massachusetts	229	56	-75.5	65	21	-67.7	8	0	-100.0	22	10	-54.5
Michigan	58	82	41.4	188	109	-42.0	9	1	-88.9	8	15	87.5
Minnesota	195	46	-76.4	224	23	-89.7	15	16	6.7	1	11	1,000.0
Mississippi	0	0	†	8	6	-25.0	2	0	-100.0	0	0	†
Missouri	35	11	-68.6	218	72	-67.0	1	1	0.0	11	53	381.8
Montana	1	0	-100.0	4	7	75.0	0	0	†	0	0	†
Nebraska	38	79	107.9	45	21	-53.3	0	0	†	0	0	†
Nevada	14	6	-57.1	5	8	60.0	0	0	†	0	0	†
New Hampshire	75	5	-93.3	7	1	-85.7	0	0	†	2	2	0.0
New Jersey	799	52	-93.5	721	177	-75.5	11	0	-100.0	19	12	-36.8
New Mexico	10	4	-60.0	31	58	87.1	2	17	750.0	0	3	†
New York	469	23	-95.1	192	51	-73.4	10	0	-100.0	95	133	40.0
North Carolina	443	297	-33.0	62	51	-17.7	0	0	†	3	0	-100.0
North Dakota	4	1	-75.0	0	6	†	0	0	†	0	0	†

See notes at end of table.

Table 8. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by level of certificate and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	357	155	-56.6	173	273	57.8	0	0	†	0	8	†
Oklahoma	39	53	35.9	159	199	25.2	3	11	266.7	0	1	†
Oregon	17	32	88.2	17	33	94.1	0	0	†	0	21	†
Pennsylvania	1,068	54	-94.9	123	167	35.8	0	0	†	3	33	1,000.0
Rhode Island	0	0	†	32	12	-62.5	0	0	†	1	0	-100.0
South Carolina	281	136	-51.6	15	0	-100.0	0	0	†	0	2	†
South Dakota	0	4	†	2	0	-100.0	5	0	-100.0	0	0	†
Tennessee	16	27	68.8	158	34	-78.5	7	16	128.6	0	9	†
Texas	390	357	-8.5	542	294	-45.8	25	9	-64.0	0	42	†
Utah	11	10	-9.1	32	28	-12.5	0	0	†	0	0	†
Vermont	0	3	†	2	0	-100.0	0	0	†	0	0	†
Virginia	126	3	-97.6	242	33	-86.4	8	0	-100.0	52	36	-30.8
Washington	229	263	14.8	207	113	-45.4	36	1	-97.2	2	5	150.0
West Virginia	71	16	-77.5	66	21	-68.2	0	0	†	0	0	†
Wisconsin	14	17	21.4	69	54	-21.7	0	0	†	0	2	†
Wyoming	1	2	100.0	10	7	-30.0	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields include computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 9a. Number of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	19,027	11,560	5,448	932	244	508	335
Alabama	443	328	113	0	0	0	2
Alaska	37	6	31	0	0	0	0
Arizona	283	97	169	7	2	8	0
Arkansas	127	67	60	0	0	0	0
California	1,280	301	482	246	111	112	28
Colorado	226	164	62	0	0	0	0
Connecticut	80	20	54	0	0	3	3
Delaware	58	37	18	0	0	0	3
District of Columbia	86	83	3	0	0	0	0
Florida	1,374	1,079	292	0	0	0	3
Georgia	128	96	26	3	0	0	3
Hawaii	77	35	38	0	4	0	0
Idaho	126	46	42	22	9	7	0
Illinois	699	546	150	0	0	0	3
Indiana	457	263	163	2	2	6	21
Iowa	262	182	74	0	0	0	6
Kansas	328	104	43	157	6	14	4
Kentucky	230	172	55	0	0	0	3
Louisiana	480	387	88	4	0	1	0
Maine	45	22	15	0	0	4	4
Maryland	180	107	71	0	2	0	0
Massachusetts	326	175	125	12	0	0	14
Michigan	861	380	276	59	6	134	6
Minnesota	390	242	148	0	0	0	0
Mississippi	180	80	66	30	4	0	0
Missouri	485	359	118	1	1	0	6
Montana	38	22	14	0	0	0	2
Nebraska	211	158	42	3	0	0	8
Nevada	35	18	13	2	2	0	0
New Hampshire	74	58	12	0	0	0	4
New Jersey	343	258	38	19	3	16	9
New Mexico	259	152	91	9	1	6	0
New York	1,769	1,287	397	36	3	5	41
North Carolina	839	706	122	1	1	9	0
North Dakota	65	31	34	0	0	0	0

See notes at end of table.

Table 9a. Number of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	851	560	245	12	7	2	25
Oklahoma	217	99	57	31	15	15	0
Oregon	138	38	93	3	1	1	2
Pennsylvania	725	420	242	35	12	7	9
Rhode Island	108	77	27	0	0	0	4
South Carolina	286	224	59	0	0	0	3
South Dakota	82	42	40	0	0	0	0
Tennessee	207	114	72	7	0	0	14
Texas	1,577	795	472	150	42	33	85
Utah	188	56	58	55	5	12	2
Vermont	35	27	6	0	0	0	2
Virginia	602	323	172	0	0	107	0
Washington	449	267	179	0	0	0	3
West Virginia	102	70	30	0	0	0	2
Wisconsin	506	358	137	0	0	0	11
Wyoming	73	22	14	26	5	6	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 9b. Percentage of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	29.1	41.8	16.2	67.9	35.3	46.8	37.4
Alabama	37.4	53.8	21.2	†	†	†	5.0
Alaska	28.5	50.0	26.3	†	†	†	†
Arizona	19.2	38.5	14.2	87.5	28.6	44.4	†
Arkansas	34.1	43.8	27.5	†	0.0	†	†
California	25.8	29.6	16.8	70.7	32.0	35.8	45.2
Colorado	25.9	31.8	17.3	†	†	†	†
Connecticut	28.0	24.7	28.0	†	†	75.0	37.5
Delaware	34.1	50.0	19.6	†	†	†	75.0
District of Columbia	58.5	59.7	37.5	†	†	†	†
Florida	36.5	44.6	21.7	†	†	0.0	50.0
Georgia	31.2	41.4	15.4	50.0	†	†	100.0
Hawaii	28.3	35.0	23.2	†	50.0	†	†
Idaho	22.9	24.1	14.1	71.0	60.0	43.8	†
Illinois	30.6	45.3	14.0	†	†	†	75.0
Indiana	26.2	42.8	15.2	100.0	28.6	40.0	60.0
Iowa	30.0	43.0	16.7	†	†	†	85.7
Kansas	44.0	43.5	17.4	72.4	75.0	73.7	25.0
Kentucky	31.3	50.6	15.4	0.0	0.0	0.0	10.3
Louisiana	37.4	55.1	15.3	80.0	†	100.0	†
Maine	21.0	31.9	11.1	†	†	80.0	80.0
Maryland	34.0	40.4	27.3	†	40.0	†	†
Massachusetts	27.8	40.8	17.8	85.7	0.0	0.0	60.9
Michigan	32.7	53.9	17.8	69.4	50.0	49.8	42.9
Minnesota	25.0	33.3	17.8	†	†	†	0.0
Mississippi	26.5	47.6	14.2	75.0	100.0	0.0	†
Missouri	28.1	42.8	13.5	100.0	100.0	†	75.0
Montana	23.3	51.2	11.9	†	†	†	100.0
Nebraska	23.8	31.2	11.4	100.0	†	0.0	88.9
Nevada	17.7	20.0	13.8	66.7	20.0	0.0	†
New Hampshire	26.2	37.9	9.7	†	†	†	80.0
New Jersey	27.8	33.3	10.4	47.5	60.0	42.1	75.0
New Mexico	39.7	57.6	24.7	100.0	50.0	66.7	†
New York	28.8	39.8	14.3	72.0	42.9	50.0	66.1
North Carolina	36.0	50.1	13.7	9.1	50.0	39.1	†
North Dakota	21.7	39.7	15.4	†	†	†	†

See notes at end of table.

Table 9b. Percentage of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	27.1	46.4	13.2	75.0	50.0	33.3	75.8
Oklahoma	28.9	36.3	16.9	48.4	34.9	44.1	†
Oregon	22.2	25.2	20.2	60.0	100.0	50.0	50.0
Pennsylvania	20.6	37.1	10.7	67.3	34.3	46.7	37.5
Rhode Island	22.6	33.5	11.2	†	†	†	57.1
South Carolina	37.5	56.3	16.4	†	†	†	50.0
South Dakota	30.6	34.7	27.2	†	†	†	†
Tennessee	28.0	44.2	15.9	70.0	†	†	82.4
Texas	28.4	41.5	16.7	71.4	32.6	52.4	20.7
Utah	23.7	19.3	16.1	52.4	50.0	54.5	33.3
Vermont	21.5	31.8	7.9	†	†	†	100.0
Virginia	38.2	44.7	25.3	†	†	62.2	†
Washington	27.8	40.0	19.1	†	†	†	33.3
West Virginia	23.4	32.4	14.0	†	†	†	50.0
Wisconsin	28.0	40.0	15.3	†	0.0	†	64.7
Wyoming	39.7	47.8	20.3	72.2	41.7	28.6	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 9c. Number of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	14,131	6,804	4,141	1,556	291	812	527
Alabama	169	96	72	0	0	0	1
Alaska	21	2	19	0	0	0	0
Arizona	1,397	1,018	71	7	6	155	140
Arkansas	93	54	38	0	0	0	1
California	1,539	323	231	646	137	196	6
Colorado	195	120	75	0	0	0	0
Connecticut	41	4	36	1	0	0	0
Delaware	42	13	24	2	0	0	3
District of Columbia	47	42	5	0	0	0	0
Florida	545	326	194	0	1	0	24
Georgia	308	228	69	0	0	1	10
Hawaii	52	17	18	0	1	0	16
Idaho	52	10	35	4	0	3	0
Illinois	339	225	110	4	0	0	0
Indiana	293	113	136	40	1	2	1
Iowa	190	152	32	3	0	0	3
Kansas	127	33	23	64	1	5	1
Kentucky	149	88	51	1	0	3	6
Louisiana	159	87	62	4	0	6	0
Maine	32	5	19	4	0	0	4
Maryland	236	91	140	0	3	0	2
Massachusetts	194	74	65	32	1	1	21
Michigan	576	285	181	54	11	34	11
Minnesota	220	99	103	9	1	3	5
Mississippi	176	57	81	35	2	1	0
Missouri	201	114	76	3	0	0	8
Montana	22	11	11	0	0	0	0
Nebraska	85	46	32	4	0	0	3
Nevada	74	19	46	1	4	3	1
New Hampshire	30	15	14	0	0	0	1
New Jersey	199	49	40	39	6	63	2
New Mexico	146	55	51	12	0	27	1
New York	689	380	202	74	12	0	21
North Carolina	410	228	89	7	0	14	72
North Dakota	34	15	19	0	0	0	0

See notes at end of table.

Table 9c. Number of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	569	333	194	13	2	4	23
Oklahoma	200	56	56	64	8	16	0
Oregon	102	37	58	5	2	0	0
Pennsylvania	632	324	198	39	12	41	18
Rhode Island	51	34	17	0	0	0	0
South Carolina	147	93	54	0	0	0	0
South Dakota	44	17	24	0	0	3	0
Tennessee	174	98	72	4	0	0	0
Texas	1,358	339	444	349	74	61	91
Utah	101	24	42	10	5	10	10
Vermont	14	4	10	0	0	0	0
Virginia	882	608	180	0	0	93	1
Washington	400	158	169	0	0	65	8
West Virginia	41	26	14	1	0	0	0
Wisconsin	290	149	124	5	0	0	12
Wyoming	44	10	15	16	1	2	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 9d. Percentage of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	22.0	24.7	13.9	67.9	31.5	40.3	30.4
Alabama	23.2	27.7	19.2	†	†	†	12.5
Alaska	29.6	18.2	31.7	†	†	†	†
Arizona	28.7	31.4	12.7	53.8	25.0	38.3	22.6
Arkansas	22.4	30.5	16.2	†	†	0.0	33.3
California	28.9	17.7	14.1	71.9	29.2	41.4	50.0
Colorado	23.6	24.6	22.3	†	†	†	†
Connecticut	14.2	6.2	16.8	100.0	†	†	0.0
Delaware	26.8	24.5	25.5	50.0	†	†	50.0
District of Columbia	43.9	44.7	38.5	†	†	†	†
Florida	22.0	30.7	14.2	†	100.0	†	53.3
Georgia	26.5	27.1	22.9	†	†	33.3	58.8
Hawaii	18.4	15.9	15.9	†	50.0	†	26.2
Idaho	17.0	10.8	19.2	30.8	0.0	25.0	†
Illinois	20.1	27.6	12.6	100.0	†	†	†
Indiana	17.7	19.8	13.4	62.5	50.0	50.0	100.0
Iowa	19.4	27.1	8.0	50.0	†	†	30.0
Kansas	28.5	20.2	13.7	73.6	33.3	50.0	6.7
Kentucky	18.0	21.9	12.8	50.0	0.0	42.9	33.3
Louisiana	21.1	32.6	13.0	100.0	†	100.0	†
Maine	17.7	26.3	12.7	80.0	†	†	57.1
Maryland	31.0	25.3	36.5	†	50.0	†	18.2
Massachusetts	18.0	19.3	11.0	54.2	33.3	12.5	61.8
Michigan	19.2	23.3	11.7	70.1	32.4	47.9	22.9
Minnesota	15.3	18.4	11.9	60.0	33.3	75.0	35.7
Mississippi	25.5	28.1	19.1	66.0	22.2	50.0	†
Missouri	14.7	17.3	11.1	75.0	0.0	†	33.3
Montana	21.2	25.6	18.0	†	†	†	†
Nebraska	14.2	20.5	8.9	80.0	0.0	†	42.9
Nevada	22.0	15.6	24.0	20.0	36.4	60.0	100.0
New Hampshire	13.9	16.9	11.3	0.0	†	†	50.0
New Jersey	20.7	13.9	10.6	52.7	75.0	51.2	6.7
New Mexico	29.6	28.2	20.8	80.0	†	71.1	100.0
New York	17.3	20.4	10.4	69.8	41.4	0.0	42.9
North Carolina	25.8	30.8	12.8	50.0	†	43.8	70.6
North Dakota	11.5	31.9	7.7	0.0	†	†	†

See notes at end of table.

Table 9d. Percentage of associate's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	16.3	23.9	9.7	52.0	33.3	30.8	50.0
Oklahoma	21.6	22.6	11.0	68.1	18.6	50.0	0.0
Oregon	17.9	15.6	18.4	71.4	33.3	0.0	†
Pennsylvania	19.2	27.0	10.6	62.9	34.3	43.2	52.9
Rhode Island	11.6	15.1	8.0	†	†	†	0.0
South Carolina	22.2	27.8	16.5	0.0	†	†	†
South Dakota	17.5	21.8	14.4	0.0	†	60.0	†
Tennessee	16.2	19.7	12.7	57.1	†	†	†
Texas	24.6	21.2	16.7	68.8	37.9	49.6	20.8
Utah	14.9	12.6	10.7	37.0	45.5	29.4	38.5
Vermont	15.2	20.0	13.9	†	†	†	†
Virginia	30.4	35.0	17.7	†	†	61.6	100.0
Washington	22.0	23.4	21.0	†	†	19.6	66.7
West Virginia	16.8	31.3	8.8	100.0	†	0.0	†
Wisconsin	17.4	20.3	13.6	100.0	†	†	66.7
Wyoming	25.6	21.7	21.4	64.0	7.7	11.1	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 10a. Number of bachelor's degrees awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	69,900	11,480	12,880	33,229	5,362	6,913	36
Alabama	1,272	201	311	580	100	80	0
Alaska	93	11	18	51	4	9	0
Arizona	1,012	189	212	489	29	93	0
Arkansas	484	107	46	231	36	64	0
California	6,859	1,065	1,208	3,424	536	626	0
Colorado	1,548	219	305	768	120	136	0
Connecticut	617	54	76	279	125	83	0
Delaware	214	29	36	120	4	25	0
District of Columbia	605	316	39	192	20	38	0
Florida	2,397	485	480	1,138	96	198	0
Georgia	2,024	540	405	788	124	167	0
Hawaii	207	68	16	95	15	11	2
Idaho	241	31	35	140	6	29	0
Illinois	3,299	674	566	1,492	257	310	0
Indiana	1,525	118	407	662	131	207	0
Iowa	958	120	163	517	80	78	0
Kansas	739	160	142	328	45	64	0
Kentucky	726	49	138	388	74	77	0
Louisiana	1,356	218	262	666	69	141	0
Maine	288	24	24	185	17	38	0
Maryland	1,827	464	260	851	122	130	0
Massachusetts	2,661	329	518	1,235	248	325	6
Michigan	2,680	318	921	1,063	173	205	0
Minnesota	1,296	175	152	668	116	185	0
Mississippi	698	81	101	374	53	89	0
Missouri	1,605	406	279	664	100	156	0
Montana	315	22	64	164	17	48	0
Nebraska	391	58	38	202	36	57	0
Nevada	163	24	34	86	5	14	0
New Hampshire	404	81	35	229	32	27	0
New Jersey	1,971	403	278	969	173	148	0
New Mexico	408	58	97	185	27	41	0
New York	4,892	1,271	781	1,991	417	432	0
North Carolina	2,439	343	396	1,232	184	284	0
North Dakota	166	32	31	80	6	17	0

See notes at end of table.

Table 10a. Number of bachelor's degrees awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000-01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	2,630	389	511	1,253	175	292	10
Oklahoma	748	82	150	375	58	83	0
Oregon	706	51	106	397	60	90	2
Pennsylvania	3,884	519	781	1,758	359	460	7
Rhode Island	383	84	54	193	33	19	0
South Carolina	1,155	106	133	712	90	114	0
South Dakota	239	40	41	115	20	23	0
Tennessee	1,137	86	243	547	96	165	0
Texas	4,336	575	984	2,068	384	325	0
Utah	584	103	83	289	42	66	1
Vermont	209	23	16	129	16	25	0
Virginia	2,198	347	296	1,073	184	298	0
Washington	1,194	111	222	630	104	127	0
West Virginia	376	43	66	190	21	56	0
Wisconsin	1,655	173	285	944	113	132	8
Wyoming	86	5	35	30	10	6	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 10b. Percentage of bachelor's degrees awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	35.9	27.2	18.8	59.6	48.3	41.0	45.0
Alabama	39.2	31.7	24.0	61.2	58.1	41.2	†
Alaska	47.2	39.3	32.7	66.2	23.5	45.0	†
Arizona	32.9	27.6	16.0	61.4	38.7	47.4	†
Arkansas	35.3	29.7	13.7	52.0	48.6	40.5	†
California	35.8	25.2	18.7	59.0	45.3	41.8	†
Colorado	36.2	27.3	19.1	61.5	47.8	36.7	0.0
Connecticut	37.7	21.4	15.1	58.4	60.7	41.7	†
Delaware	40.8	24.8	26.3	56.6	50.0	50.0	†
District of Columbia	46.4	42.5	24.4	65.1	58.8	52.8	†
Florida	35.2	28.7	18.2	61.5	46.6	45.1	†
Georgia	39.0	34.6	23.9	61.4	45.6	44.4	†
Hawaii	35.3	28.6	18.6	51.4	41.7	34.4	22.2
Idaho	32.3	22.1	15.8	50.4	20.7	37.7	†
Illinois	34.9	28.4	17.1	57.9	50.8	45.9	†
Indiana	30.9	19.7	16.5	59.5	45.5	44.1	†
Iowa	34.6	23.1	16.8	58.7	43.2	37.5	†
Kansas	32.3	30.0	17.0	52.8	42.5	33.3	†
Kentucky	35.2	20.9	17.3	58.2	50.3	35.3	†
Louisiana	39.0	38.2	18.8	60.8	54.8	48.5	†
Maine	34.1	24.7	9.1	60.1	34.0	30.4	†
Maryland	40.2	32.6	22.4	62.8	49.8	36.7	†
Massachusetts	38.1	23.3	21.2	64.9	50.3	45.3	75.0
Michigan	32.7	26.7	21.2	59.8	52.3	37.1	†
Minnesota	35.2	20.8	16.1	60.1	42.5	36.6	†
Mississippi	40.3	33.5	17.1	62.5	52.5	44.9	†
Missouri	34.4	27.1	18.9	59.6	46.1	43.6	†
Montana	32.0	21.4	15.3	53.4	38.6	42.9	†
Nebraska	30.9	18.5	11.2	55.2	38.3	37.3	†
Nevada	34.0	28.9	19.0	51.5	33.3	38.9	†
New Hampshire	40.2	27.8	16.1	62.7	54.2	37.5	†
New Jersey	40.3	28.3	21.9	62.5	55.6	44.8	†
New Mexico	36.1	29.1	20.3	63.4	45.8	40.6	†
New York	35.7	28.7	20.3	58.4	46.6	38.7	†
North Carolina	42.2	33.8	23.0	62.0	46.0	43.4	†
North Dakota	22.2	20.5	8.8	47.6	33.3	32.1	†

See notes at end of table.

Table 10b. Percentage of bachelor's degrees awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	34.7	25.3	17.7	60.4	45.1	42.9	66.7
Oklahoma	32.5	23.8	16.0	53.2	57.4	38.2	†
Oregon	35.1	15.8	15.5	62.1	47.2	38.1	50.0
Pennsylvania	34.7	23.8	18.8	59.6	49.7	39.2	50.0
Rhode Island	35.8	26.8	16.9	61.3	56.9	30.2	†
South Carolina	44.1	27.7	19.4	64.1	52.3	42.4	†
South Dakota	30.3	29.0	11.2	56.7	60.6	46.0	†
Tennessee	37.2	22.8	19.7	58.6	52.2	50.0	†
Texas	36.5	26.8	21.7	56.7	53.0	39.9	†
Utah	21.8	17.5	8.9	35.9	37.5	28.3	7.7
Vermont	42.4	25.6	16.7	63.9	55.2	32.9	†
Virginia	39.3	27.6	17.5	64.7	54.6	46.1	†
Washington	36.4	21.6	18.5	65.1	45.6	34.7	†
West Virginia	30.2	20.9	13.1	56.4	36.8	39.7	†
Wisconsin	34.6	21.9	16.0	61.0	37.9	36.2	88.9
Wyoming	29.7	21.7	21.5	46.9	58.8	26.1	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 10c. Number of bachelor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	81,876	6,399	13,585	46,651	6,780	8,442	19
Alabama	1,405	97	236	842	116	114	0
Alaska	105	2	19	62	7	15	0
Arizona	1,563	401	210	790	63	99	0
Arkansas	529	45	64	309	40	71	0
California	9,252	456	1,423	5,861	744	768	0
Colorado	1,809	175	341	993	136	164	0
Connecticut	1,018	26	146	566	161	118	1
Delaware	210	19	55	111	4	21	0
District of Columbia	567	200	70	219	35	43	0
Florida	3,550	353	678	2,107	133	279	0
Georgia	2,315	212	413	1,274	157	259	0
Hawaii	287	29	31	184	15	28	0
Idaho	289	24	58	164	14	29	0
Illinois	3,157	376	436	1,635	362	348	0
Indiana	1,648	87	434	813	142	172	0
Iowa	1,103	145	175	591	118	74	0
Kansas	689	52	141	356	54	86	0
Kentucky	845	32	136	480	76	121	0
Louisiana	1,225	91	186	781	47	120	0
Maine	381	7	27	275	24	48	0
Maryland	1,855	336	253	953	155	158	0
Massachusetts	3,052	174	619	1,562	307	390	0
Michigan	2,817	169	756	1,457	199	236	0
Minnesota	1,715	122	137	1,097	125	234	0
Mississippi	717	30	84	424	60	119	0
Missouri	1,652	147	325	897	106	177	0
Montana	309	11	71	171	19	37	0
Nebraska	531	49	55	318	47	62	0
Nevada	295	43	46	173	13	20	0
New Hampshire	337	24	51	197	34	31	0
New Jersey	2,075	108	290	1,254	270	153	0
New Mexico	425	41	86	228	24	46	0
New York	5,598	506	948	2,877	676	591	0
North Carolina	2,840	183	442	1,612	212	391	0
North Dakota	240	31	46	127	18	18	0

See notes at end of table.

Table 10c. Number of bachelor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	2,726	185	498	1,579	161	292	11
Oklahoma	885	30	157	566	52	80	0
Oregon	848	39	106	525	70	108	0
Pennsylvania	4,650	424	860	2,310	471	580	5
Rhode Island	440	44	55	259	49	33	0
South Carolina	1,363	74	131	926	86	146	0
South Dakota	263	42	45	126	20	29	1
Tennessee	1,241	64	228	668	94	187	0
Texas	5,460	200	967	3,380	492	421	0
Utah	738	97	112	369	69	91	0
Vermont	234	8	26	141	41	18	0
Virginia	2,488	175	403	1,368	195	347	0
Washington	1,565	92	208	935	109	221	0
West Virginia	410	14	40	262	24	69	1
Wisconsin	2,049	108	236	1,405	131	169	0
Wyoming	111	0	25	72	3	11	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 10d. Percentage of bachelor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	35.1	17.8	16.6	59.2	43.1	40.4	22.4
Alabama	38.4	21.7	16.4	64.6	52.0	47.3	†
Alaska	38.5	6.7	19.6	69.7	36.8	39.5	†
Arizona	31.3	21.4	15.2	57.8	42.6	43.6	†
Arkansas	35.2	18.3	13.7	58.2	52.6	39.4	†
California	36.7	14.0	17.0	58.5	43.9	40.8	†
Colorado	32.4	18.7	14.9	63.9	40.1	36.5	0.0
Connecticut	40.6	16.0	17.5	61.8	48.9	44.0	100.0
Delaware	34.4	17.6	22.1	59.4	36.4	37.5	†
District of Columbia	42.1	32.3	34.0	63.3	48.6	41.3	†
Florida	34.4	17.6	17.4	61.8	38.4	41.9	†
Georgia	37.4	19.6	19.6	61.1	43.0	47.0	†
Hawaii	40.5	19.3	18.2	62.0	46.9	46.7	†
Idaho	23.5	12.1	13.6	38.3	22.6	25.7	†
Illinois	32.7	19.2	14.3	56.6	43.1	38.4	†
Indiana	28.9	13.6	15.6	58.0	36.0	34.7	†
Iowa	34.5	27.5	15.4	56.9	44.5	31.8	†
Kansas	30.6	16.2	14.4	56.4	52.9	39.6	†
Kentucky	34.7	13.3	15.1	57.6	41.1	43.8	†
Louisiana	39.4	27.2	16.2	62.0	40.5	46.9	†
Maine	37.2	12.3	7.8	62.4	39.3	40.7	†
Maryland	35.9	25.0	17.0	61.8	43.9	35.2	†
Massachusetts	39.3	16.9	22.7	62.9	44.2	46.6	†
Michigan	29.7	13.9	16.6	57.6	38.3	36.2	0.0
Minnesota	36.0	15.7	12.5	58.0	34.7	36.3	†
Mississippi	42.3	20.3	15.5	63.2	64.5	49.4	†
Missouri	33.2	17.6	18.3	54.1	36.8	41.9	†
Montana	29.2	13.3	15.4	53.1	31.1	28.7	†
Nebraska	31.7	13.6	12.2	53.7	39.5	40.3	†
Nevada	34.3	25.3	15.8	56.2	35.1	37.7	†
New Hampshire	34.9	16.9	14.9	62.7	50.7	30.7	†
New Jersey	39.4	15.2	18.3	61.8	47.5	41.9	†
New Mexico	34.0	18.5	18.5	61.1	32.9	39.3	†
New York	34.4	18.0	17.3	58.5	45.0	38.8	0.0
North Carolina	41.2	21.8	19.7	64.5	48.3	44.7	†
North Dakota	27.7	22.6	11.4	53.4	47.4	36.7	†

See notes at end of table.

Table 10d. Percentage of bachelor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	32.4	15.8	14.9	57.2	38.2	41.5	64.7
Oklahoma	34.0	11.8	15.4	58.2	36.6	37.0	†
Oregon	32.7	10.1	12.3	58.7	37.4	41.4	†
Pennsylvania	34.3	17.3	17.7	62.2	43.3	40.2	62.5
Rhode Island	36.3	21.5	13.8	63.2	43.0	39.8	†
South Carolina	45.6	24.0	17.0	66.5	43.4	45.2	†
South Dakota	29.5	28.6	11.2	54.3	44.4	43.3	100.0
Tennessee	34.8	15.5	16.9	58.6	43.9	41.4	†
Texas	37.0	14.9	17.6	58.4	46.6	39.7	0.0
Utah	21.0	10.7	10.7	33.3	40.4	33.2	†
Vermont	33.8	12.3	13.2	50.7	50.0	25.4	†
Virginia	39.2	18.1	19.5	63.3	48.6	46.4	†
Washington	35.0	15.1	14.2	59.7	38.4	40.6	†
West Virginia	29.6	12.1	7.3	53.5	50.0	40.6	7.7
Wisconsin	37.4	17.2	14.0	60.5	36.7	35.5	†
Wyoming	31.7	0.0	14.6	56.7	21.4	35.5	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 11a. Number of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	17,133	5,164	5,538	3,451	1,319	1,637	24
Alabama	213	48	84	56	13	12	0
Alaska	28	2	8	16	0	2	0
Arizona	210	30	89	40	18	33	0
Arkansas	64	13	16	11	15	9	0
California	1,822	505	749	292	116	160	0
Colorado	446	153	138	81	17	49	8
Connecticut	263	84	55	87	16	21	0
Delaware	37	11	12	5	4	5	0
District of Columbia	517	291	86	122	5	13	0
Florida	577	135	245	83	54	60	0
Georgia	480	151	151	116	31	30	1
Hawaii	89	49	13	19	1	7	0
Idaho	39	6	15	11	2	5	0
Illinois	953	408	217	153	92	82	1
Indiana	262	29	107	69	26	31	0
Iowa	140	26	42	39	24	9	0
Kansas	145	19	49	47	13	17	0
Kentucky	155	24	60	35	22	14	0
Louisiana	243	45	59	85	26	28	0
Maine	22	0	5	10	3	4	0
Maryland	684	370	143	122	20	29	0
Massachusetts	917	187	448	137	55	83	7
Michigan	747	183	323	131	60	50	0
Minnesota	157	16	77	36	15	11	2
Mississippi	153	10	43	40	20	40	0
Missouri	238	74	78	41	17	28	0
Montana	56	4	22	9	10	11	0
Nebraska	78	30	13	19	8	8	0
Nevada	55	13	21	8	5	8	0
New Hampshire	105	58	15	9	9	14	0
New Jersey	560	220	143	109	33	55	0
New Mexico	107	14	43	17	10	20	3
New York	1,458	628	335	281	92	122	0
North Carolina	458	112	129	131	46	40	0
North Dakota	20	2	4	7	3	4	0

See notes at end of table.

Table 11a. Number of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	646	103	218	124	98	102	1
Oklahoma	213	65	61	48	13	26	0
Oregon	133	20	60	19	14	20	0
Pennsylvania	782	278	227	152	50	75	0
Rhode Island	71	19	12	12	8	20	0
South Carolina	164	22	62	46	15	19	0
South Dakota	62	16	33	6	2	5	0
Tennessee	220	23	88	58	28	23	0
Texas	1,100	373	351	207	78	91	0
Utah	110	27	32	26	11	14	0
Vermont	32	2	10	11	4	5	0
Virginia	477	157	136	111	41	32	0
Washington	261	41	86	73	17	44	0
West Virginia	84	21	24	12	13	14	0
Wisconsin	253	41	96	64	24	27	1
Wyoming	27	6	5	8	2	6	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 11b. Percentage of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	31.0	33.4	21.3	57.1	42.6	35.5	51.1
Alabama	32.7	33.6	23.9	74.7	37.1	25.5	†
Alaska	34.6	28.6	20.5	66.7	†	18.2	†
Arizona	27.6	24.8	21.4	55.6	45.0	29.5	†
Arkansas	33.0	38.2	18.6	45.8	51.7	42.9	†
California	30.6	32.6	23.7	58.6	40.1	34.6	†
Colorado	30.9	31.6	21.7	60.9	34.7	38.6	61.5
Connecticut	33.5	32.2	21.1	64.4	37.2	25.0	†
Delaware	28.5	35.5	19.0	55.6	57.1	25.0	†
District of Columbia	40.2	44.2	23.2	56.5	50.0	41.9	†
Florida	27.9	30.3	20.3	57.2	56.3	33.9	†
Georgia	33.7	39.0	20.9	67.1	47.0	42.3	33.3
Hawaii	35.9	34.5	24.1	63.3	100.0	33.3	†
Idaho	23.6	31.6	18.3	44.0	25.0	16.1	†
Illinois	29.7	32.0	18.8	47.8	39.8	37.3	25.0
Indiana	27.8	18.7	22.0	56.6	32.1	31.3	†
Iowa	28.0	26.5	18.7	52.7	33.3	30.0	0.0
Kansas	26.3	18.3	17.3	54.7	36.1	41.5	†
Kentucky	30.6	28.9	22.8	43.8	61.1	31.8	†
Louisiana	35.1	29.0	22.3	60.3	40.6	41.8	†
Maine	28.6	0.0	17.9	40.0	30.0	66.7	†
Maryland	34.8	38.9	22.2	50.8	42.6	35.4	†
Massachusetts	31.9	31.9	26.3	60.9	44.0	36.4	53.8
Michigan	27.2	34.1	18.8	60.4	45.8	36.0	†
Minnesota	31.5	20.8	26.6	61.0	50.0	27.5	50.0
Mississippi	43.5	25.0	32.8	54.8	66.7	51.3	†
Missouri	24.5	28.2	16.0	46.6	39.5	31.5	†
Montana	33.7	21.1	29.7	42.9	55.6	32.4	†
Nebraska	30.8	27.5	19.7	47.5	53.3	34.8	†
Nevada	37.7	43.3	28.4	66.7	55.6	38.1	†
New Hampshire	40.4	41.4	24.6	69.2	47.4	51.9	†
New Jersey	32.8	30.4	23.1	63.0	51.6	42.3	†
New Mexico	28.2	29.2	20.5	51.5	47.6	31.3	75.0
New York	31.0	33.2	19.5	57.7	39.5	32.4	†
North Carolina	35.0	34.7	24.0	56.5	44.7	35.7	†
North Dakota	21.7	9.1	12.5	41.2	42.9	28.6	†

See notes at end of table.

Table 11b. Percentage of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	30.4	34.1	18.8	58.8	49.7	41.0	50.0
Oklahoma	30.5	31.4	19.6	56.5	41.9	41.3	†
Oregon	28.2	29.9	22.7	55.9	42.4	27.0	†
Pennsylvania	32.2	40.1	20.0	56.7	39.4	37.3	†
Rhode Island	32.0	29.7	19.7	60.0	26.7	42.6	†
South Carolina	27.1	21.2	17.3	68.7	44.1	46.3	†
South Dakota	31.3	44.4	26.4	35.3	25.0	41.7	†
Tennessee	31.7	29.9	22.8	59.8	37.8	38.3	†
Texas	29.2	33.7	19.3	57.0	45.1	31.0	0.0
Utah	22.6	29.3	13.5	37.7	28.9	27.5	†
Vermont	34.8	25.0	22.2	64.7	33.3	50.0	†
Virginia	33.3	37.1	21.1	64.9	42.3	33.0	†
Washington	33.2	29.9	23.1	57.9	39.5	41.5	†
West Virginia	30.4	25.0	18.8	57.1	72.2	56.0	†
Wisconsin	30.4	31.1	22.6	53.3	33.3	32.1	100.0
Wyoming	24.5	26.1	13.9	38.1	18.2	31.6	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 11c. Number of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	22,335	4,591	8,281	5,110	2,128	2,053	172
Alabama	297	42	150	59	20	26	0
Alaska	32	1	8	11	1	11	0
Arizona	369	86	136	89	14	44	0
Arkansas	89	20	14	21	22	12	0
California	2,626	410	1,273	468	223	229	23
Colorado	452	92	176	86	35	63	0
Connecticut	433	66	153	111	49	45	9
Delaware	67	15	20	14	16	2	0
District of Columbia	491	134	159	173	18	7	0
Florida	857	105	423	175	68	86	0
Georgia	551	118	190	137	64	30	12
Hawaii	65	8	16	23	2	16	0
Idaho	58	3	22	18	7	8	0
Illinois	1,364	485	382	253	136	95	13
Indiana	333	17	112	104	50	46	4
Iowa	186	33	59	41	38	14	1
Kansas	161	15	83	26	16	21	0
Kentucky	231	33	87	72	18	21	0
Louisiana	202	36	51	64	38	13	0
Maine	26	2	4	11	4	5	0
Maryland	893	266	222	340	35	26	4
Massachusetts	1,010	252	375	227	60	91	5
Michigan	901	198	347	212	59	84	1
Minnesota	284	88	79	57	25	27	8
Mississippi	195	18	38	61	12	66	0
Missouri	381	74	131	101	35	33	7
Montana	46	1	11	11	12	11	0
Nebraska	142	34	23	58	17	10	0
Nevada	85	14	33	18	5	15	0
New Hampshire	110	22	45	12	16	15	0
New Jersey	660	140	277	105	85	52	1
New Mexico	144	10	78	19	7	29	1
New York	2,113	587	685	465	242	121	13
North Carolina	619	137	230	129	41	81	1
North Dakota	36	4	12	12	6	2	0

See notes at end of table.

Table 11c. Number of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	699	85	260	140	107	92	15
Oklahoma	183	29	83	34	11	26	0
Oregon	146	14	56	33	18	25	0
Pennsylvania	1,199	277	391	286	131	96	18
Rhode Island	92	11	27	22	11	21	0
South Carolina	179	6	47	72	28	19	7
South Dakota	60	10	25	17	3	5	0
Tennessee	231	15	91	46	34	33	12
Texas	1,624	356	596	385	142	128	17
Utah	142	26	50	24	20	22	0
Vermont	31	15	3	6	3	4	0
Virginia	615	114	315	110	45	31	0
Washington	282	49	87	63	29	54	0
West Virginia	91	5	40	20	20	6	0
Wisconsin	226	13	94	63	27	29	0
Wyoming	26	0	12	6	3	5	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 11d. Percentage of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	30.5	27.0	22.6	58.3	41.7	38.9	55.8
Alabama	27.5	29.4	21.7	48.8	36.4	38.2	†
Alaska	34.0	50.0	17.4	50.0	14.3	64.7	†
Arizona	31.8	34.7	23.7	57.8	35.9	30.6	†
Arkansas	34.9	25.0	22.2	43.8	56.4	48.0	†
California	30.0	24.6	24.8	61.0	43.6	36.2	60.5
Colorado	30.5	26.8	22.9	62.3	34.7	47.7	†
Connecticut	27.3	30.0	16.3	59.7	45.4	40.5	39.1
Delaware	36.0	28.3	27.0	60.9	57.1	25.0	†
District of Columbia	36.2	34.9	27.7	51.6	40.9	33.3	†
Florida	28.3	24.8	21.6	63.6	39.5	43.2	†
Georgia	28.3	24.5	18.6	62.0	52.9	33.7	92.3
Hawaii	40.9	23.5	30.8	65.7	40.0	48.5	†
Idaho	26.6	33.3	17.3	56.3	31.8	28.6	†
Illinois	30.5	26.0	24.6	59.7	40.7	34.9	65.0
Indiana	30.2	18.7	19.9	49.5	39.7	42.6	66.7
Iowa	27.6	15.8	21.1	54.7	52.1	41.2	33.3
Kansas	28.9	21.4	23.9	56.5	44.4	36.8	†
Kentucky	32.4	30.3	22.4	59.5	40.9	40.4	†
Louisiana	29.4	27.5	17.2	55.7	38.0	30.2	†
Maine	33.8	33.3	15.4	55.0	26.7	50.0	†
Maryland	35.7	27.1	26.5	64.8	42.2	40.0	40.0
Massachusetts	32.8	29.3	25.6	63.9	41.1	36.8	45.5
Michigan	30.0	35.9	19.5	64.8	39.6	44.2	100.0
Minnesota	26.3	20.1	19.8	60.0	40.3	36.5	66.7
Mississippi	39.6	36.0	23.2	61.6	44.4	43.4	†
Missouri	28.7	25.7	20.6	46.5	47.3	33.3	63.6
Montana	30.1	7.7	17.7	64.7	41.4	34.4	†
Nebraska	36.1	27.9	22.3	53.7	47.2	41.7	†
Nevada	38.6	38.9	29.2	62.1	33.3	55.6	†
New Hampshire	34.7	32.8	26.8	63.2	59.3	41.7	†
New Jersey	32.0	29.8	25.3	53.0	48.9	42.3	33.3
New Mexico	28.5	16.1	26.0	44.2	26.9	39.7	50.0
New York	30.8	29.2	22.7	57.4	36.0	35.6	76.5
North Carolina	33.7	28.9	25.9	62.0	41.4	47.9	100.0
North Dakota	25.7	18.2	18.8	44.4	54.5	12.5	†

See notes at end of table.

Table 11d. Percentage of master's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	30.2	25.8	21.5	51.1	44.0	39.5	53.6
Oklahoma	26.3	19.6	21.5	53.1	34.4	39.4	†
Oregon	28.2	20.6	20.4	68.8	30.0	37.9	†
Pennsylvania	31.5	27.1	22.8	58.1	41.7	41.4	66.7
Rhode Island	34.5	19.0	28.1	73.3	33.3	45.7	0.0
South Carolina	35.5	19.4	19.7	63.2	50.9	43.2	33.3
South Dakota	30.9	25.6	25.3	58.6	27.3	31.3	†
Tennessee	32.0	16.9	24.7	58.2	39.5	40.2	63.2
Texas	29.9	29.6	20.7	59.0	46.0	37.2	45.9
Utah	22.9	18.8	15.9	43.6	40.0	35.5	†
Vermont	16.2	12.8	6.1	50.0	42.9	66.7	†
Virginia	26.0	25.1	20.4	62.1	45.0	33.0	0.0
Washington	33.6	26.3	26.2	52.9	31.9	48.2	†
West Virginia	33.3	18.5	25.5	54.1	64.5	28.6	†
Wisconsin	29.0	26.5	20.8	48.1	44.3	33.0	†
Wyoming	33.8	0.0	30.0	46.2	50.0	33.3	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 12a. Number of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	4,146	119	911	1,831	268	998	19
Alabama	60	0	17	31	4	8	0
Alaska	12	0	0	7	0	5	0
Arizona	59	2	16	23	3	15	0
Arkansas	11	0	1	8	0	2	0
California	500	23	131	197	26	123	0
Colorado	97	4	22	40	6	24	1
Connecticut	63	1	9	29	4	20	0
Delaware	15	1	6	1	1	6	0
District of Columbia	48	2	8	25	2	11	0
Florida	96	6	25	26	5	34	0
Georgia	101	2	37	29	12	21	0
Hawaii	13	0	1	8	0	4	0
Idaho	3	0	1	1	1	0	0
Illinois	236	4	62	100	18	51	1
Indiana	91	0	19	34	9	29	0
Iowa	68	3	12	36	8	9	0
Kansas	34	0	3	17	3	11	0
Kentucky	20	0	2	9	5	4	0
Louisiana	51	4	8	19	1	19	0
Maine	6	0	4	1	0	1	0
Maryland	126	1	30	70	7	18	0
Massachusetts	248	4	51	113	12	68	0
Michigan	156	6	39	60	13	38	0
Minnesota	68	1	18	27	10	12	0
Mississippi	14	0	3	7	1	3	0
Missouri	74	3	8	41	2	17	3
Montana	5	0	0	1	1	3	0
Nebraska	12	0	0	7	0	2	3
Nevada	6	0	4	1	0	1	0
New Hampshire	21	1	0	10	1	9	0
New Jersey	155	4	52	63	3	33	0
New Mexico	26	0	7	5	2	9	3
New York	299	11	53	142	22	71	0
North Carolina	181	3	32	101	12	33	0
North Dakota	5	0	0	4	0	1	0

See notes at end of table.

Table 12a. Number of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	162	0	39	54	7	57	5
Oklahoma	32	0	8	17	3	4	0
Oregon	46	0	6	24	4	12	0
Pennsylvania	205	10	54	80	8	53	0
Rhode Island	34	1	3	11	5	14	0
South Carolina	30	0	8	14	2	6	0
South Dakota	4	0	0	3	0	1	0
Tennessee	71	2	8	47	4	10	0
Texas	259	12	50	115	22	60	0
Utah	33	1	4	17	4	7	0
Vermont	14	0	2	12	0	0	0
Virginia	98	3	18	52	3	22	0
Washington	79	2	17	35	5	20	0
West Virginia	11	1	4	5	0	1	0
Wisconsin	84	1	9	49	7	15	3
Wyoming	4	0	0	3	0	1	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 12b. Percentage of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	27.4	16.3	16.7	43.8	27.5	26.6	61.3
Alabama	33.1	0.0	28.8	43.1	30.8	24.2	†
Alaska	63.2	†	†	77.8	†	50.0	†
Arizona	23.6	50.0	15.0	42.6	27.3	20.3	†
Arkansas	28.9	†	14.3	36.4	0.0	28.6	†
California	26.6	18.5	18.7	46.2	21.8	24.2	†
Colorado	29.7	25.0	17.7	48.2	28.6	29.3	100.0
Connecticut	33.7	33.3	23.7	45.3	22.2	31.3	†
Delaware	21.7	20.0	15.8	25.0	33.3	31.6	†
District of Columbia	32.4	20.0	16.7	53.2	15.4	36.7	†
Florida	22.7	21.4	13.5	41.3	16.7	29.1	†
Georgia	26.8	11.8	20.3	37.2	44.4	28.8	†
Hawaii	28.3	†	14.3	34.8	0.0	26.7	†
Idaho	9.4	0.0	8.3	7.1	50.0	0.0	†
Illinois	28.2	10.0	20.1	46.1	29.0	24.8	50.0
Indiana	22.7	0.0	11.6	39.1	37.5	25.2	†
Iowa	28.9	37.5	14.3	43.4	47.1	20.9	†
Kansas	26.2	0.0	6.8	41.5	23.1	35.5	†
Kentucky	27.8	†	15.4	28.1	41.7	26.7	†
Louisiana	25.9	18.2	17.4	38.0	9.1	27.9	†
Maine	35.3	0.0	66.7	50.0	†	12.5	†
Maryland	30.0	3.8	19.7	48.6	21.9	27.3	†
Massachusetts	26.1	13.8	14.7	43.5	23.5	25.7	†
Michigan	27.2	31.6	14.7	46.5	31.7	31.9	†
Minnesota	28.7	9.1	16.8	45.8	58.8	29.3	0.0
Mississippi	24.6	0.0	15.8	36.8	50.0	18.8	†
Missouri	31.5	42.9	12.1	44.1	20.0	30.9	75.0
Montana	20.0	†	0.0	20.0	12.5	30.0	†
Nebraska	24.5	0.0	†	38.9	†	11.1	75.0
Nevada	20.7	†	30.8	25.0	†	8.3	†
New Hampshire	32.3	50.0	0.0	35.7	25.0	42.9	†
New Jersey	34.7	25.0	29.7	52.5	10.0	31.1	†
New Mexico	27.1	0.0	21.9	45.5	33.3	24.3	60.0
New York	26.1	12.2	15.5	39.6	28.6	25.7	†
North Carolina	35.8	15.8	21.3	47.6	31.6	37.9	†
North Dakota	29.4	0.0	0.0	57.1	0.0	16.7	†

See notes at end of table.

Table 12b. Percentage of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	25.0	0.0	14.6	36.5	23.3	31.5	50.0
Oklahoma	25.0	0.0	16.3	42.5	42.9	14.8	†
Oregon	33.6	0.0	19.4	51.1	40.0	25.0	†
Pennsylvania	26.5	18.9	17.5	40.8	21.6	29.4	†
Rhode Island	33.7	50.0	11.1	61.1	33.3	35.9	†
South Carolina	22.2	0.0	16.7	36.8	15.4	19.4	†
South Dakota	23.5	†	0.0	30.0	†	25.0	†
Tennessee	30.5	33.3	14.0	43.5	26.7	21.3	†
Texas	25.5	19.0	12.8	45.8	40.0	23.3	†
Utah	21.3	33.3	8.5	34.0	33.3	16.3	†
Vermont	45.2	†	33.3	66.7	†	0.0	†
Virginia	27.4	13.6	11.7	51.0	30.0	31.4	†
Washington	27.3	14.3	19.3	37.6	25.0	27.0	†
West Virginia	28.2	100.0	26.7	41.7	0.0	10.0	†
Wisconsin	25.2	9.1	7.6	50.0	23.3	20.8	100.0
Wyoming	17.4	†	0.0	27.3	0.0	14.3	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 12c. Number of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	7,417	335	1,705	3,326	467	1,554	30
Alabama	106	7	24	53	9	13	0
Alaska	8	0	1	2	0	5	0
Arizona	135	6	31	51	12	35	0
Arkansas	32	1	7	18	0	6	0
California	935	43	263	381	43	205	0
Colorado	131	9	29	54	8	31	0
Connecticut	118	1	17	62	7	30	1
Delaware	30	1	11	10	2	6	0
District of Columbia	70	6	10	41	3	10	0
Florida	228	10	69	63	11	75	0
Georgia	272	10	82	121	10	49	0
Hawaii	19	0	4	8	0	7	0
Idaho	13	2	2	6	0	3	0
Illinois	324	18	82	121	24	79	0
Indiana	183	5	49	75	11	40	3
Iowa	104	3	31	35	17	18	0
Kansas	49	3	5	27	2	12	0
Kentucky	82	3	12	54	3	10	0
Louisiana	69	0	19	29	4	17	0
Maine	13	1	1	7	0	4	0
Maryland	225	9	50	114	14	31	7
Massachusetts	457	17	97	214	21	107	1
Michigan	259	4	61	108	20	66	0
Minnesota	75	3	14	35	7	16	0
Mississippi	21	0	5	6	4	6	0
Missouri	119	7	15	57	12	28	0
Montana	15	0	0	7	3	5	0
Nebraska	38	2	3	24	3	6	0
Nevada	27	0	5	19	0	3	0
New Hampshire	34	0	5	19	2	8	0
New Jersey	163	7	54	58	10	34	0
New Mexico	48	0	8	14	7	7	12
New York	569	31	113	292	33	100	0
North Carolina	308	13	67	151	34	43	0
North Dakota	9	0	0	6	2	1	0

See notes at end of table.

Table 12c. Number of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	271	5	57	128	14	65	2
Oklahoma	58	2	13	17	4	22	0
Oregon	58	2	8	23	4	21	0
Pennsylvania	393	46	104	166	18	59	0
Rhode Island	52	1	6	17	6	22	0
South Carolina	70	0	16	35	1	18	0
South Dakota	14	0	0	11	1	2	0
Tennessee	114	4	30	53	5	22	0
Texas	524	28	111	255	39	87	4
Utah	71	4	11	28	3	25	0
Vermont	15	0	2	13	0	0	0
Virginia	163	8	44	68	13	30	0
Washington	151	10	25	72	11	33	0
West Virginia	12	1	1	4	1	5	0
Wisconsin	149	2	27	89	7	24	0
Wyoming	14	0	4	5	2	3	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 12d. Percentage of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	33.6	21.9	21.7	52.5	31.0	32.4	57.7
Alabama	36.2	53.8	22.9	47.7	40.9	31.0	†
Alaska	42.1	†	33.3	22.2	†	71.4	†
Arizona	30.5	24.0	18.7	48.6	52.2	28.2	†
Arkansas	41.6	50.0	33.3	51.4	0.0	33.3	†
California	31.8	16.5	24.4	49.8	22.9	31.4	†
Colorado	33.4	28.1	23.2	52.9	25.8	30.7	0.0
Connecticut	43.2	10.0	32.1	55.4	25.0	45.5	25.0
Delaware	30.3	14.3	24.4	52.6	18.2	35.3	†
District of Columbia	42.7	33.3	19.2	68.3	60.0	34.5	†
Florida	29.9	20.0	20.0	47.0	30.6	37.9	†
Georgia	35.5	20.8	23.2	62.7	32.3	34.8	†
Hawaii	30.2	0.0	25.0	29.6	†	36.8	†
Idaho	27.7	33.3	25.0	30.0	0.0	27.3	†
Illinois	32.6	23.4	22.3	56.8	28.2	31.5	†
Indiana	29.0	19.2	18.4	57.7	17.7	28.4	75.0
Iowa	33.2	37.5	24.0	36.8	51.5	37.5	†
Kansas	33.3	30.0	12.5	60.0	18.2	29.3	†
Kentucky	45.1	42.9	21.8	63.5	18.8	52.6	†
Louisiana	32.2	0.0	26.8	44.6	36.4	28.8	†
Maine	54.2	100.0	16.7	63.6	†	66.7	†
Maryland	35.4	18.0	22.3	58.2	29.8	28.7	63.6
Massachusetts	33.7	18.1	21.5	52.3	30.4	32.1	100.0
Michigan	30.4	14.8	15.9	54.8	33.3	35.9	†
Minnesota	32.2	17.6	17.3	53.8	35.0	33.3	0.0
Mississippi	21.6	0.0	12.8	26.1	57.1	25.0	†
Missouri	38.1	33.3	19.5	48.7	48.0	38.9	†
Montana	34.9	†	0.0	36.8	50.0	33.3	†
Nebraska	34.5	22.2	16.7	39.3	42.9	40.0	†
Nevada	30.0	†	15.6	54.3	0.0	14.3	†
New Hampshire	35.8	0.0	22.7	52.8	28.6	34.8	†
New Jersey	33.7	26.9	24.7	57.4	24.4	35.4	†
New Mexico	29.8	0.0	17.0	60.9	41.2	16.3	63.2
New York	35.2	21.8	24.9	52.8	28.9	28.2	†
North Carolina	41.1	24.5	27.6	58.8	40.0	38.4	†
North Dakota	19.6	0.0	0.0	31.6	40.0	10.0	†

See notes at end of table.

Table 12d. Percentage of doctor's degree awards conferred in science, technology, engineering, and mathematics (STEM) fields to women at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	33.4	13.2	18.8	54.5	26.9	36.7	40.0
Oklahoma	32.8	33.3	23.2	34.0	40.0	40.0	†
Oregon	29.9	15.4	14.8	43.4	21.1	38.2	†
Pennsylvania	32.5	27.7	24.2	51.6	24.0	27.3	†
Rhode Island	39.7	14.3	19.4	77.3	35.3	40.7	†
South Carolina	32.3	0.0	21.9	53.0	6.3	30.0	†
South Dakota	56.0	0.0	0.0	73.3	100.0	40.0	†
Tennessee	35.4	21.1	25.0	53.5	41.7	30.6	†
Texas	33.4	27.5	19.4	53.2	39.4	28.2	80.0
Utah	28.9	22.2	11.6	44.4	50.0	39.1	†
Vermont	50.0	†	50.0	65.0	0.0	0.0	†
Virginia	33.1	22.9	19.4	53.1	54.2	38.0	†
Washington	41.0	40.0	23.6	54.1	50.0	40.2	†
West Virginia	22.6	25.0	4.3	44.4	100.0	31.3	†
Wisconsin	30.8	10.0	18.2	48.1	17.5	26.7	†
Wyoming	50.0	0.0	50.0	62.5	66.7	37.5	†

† Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 13a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2000–01

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	
United States	385,842	2,457	35,753	31,341	23,891	236,169	†	15,460	40,771
Alabama	5,709	41	142	1,315	56	3,578	†	50	527
Alaska	653	39	10	13	15	458	†	92	26
Arizona	6,658	184	355	231	838	3,973	†	382	695
Arkansas	3,566	23	86	242	33	2,982	†	6	194
California	41,312	261	10,491	1,815	5,725	15,683	†	2,879	4,458
Colorado	8,098	71	437	208	494	5,889	†	469	530
Connecticut	3,468	9	240	194	153	2,157	†	197	518
Delaware	996	3	42	101	31	655	†	42	122
District of Columbia	3,146	5	373	817	84	1,051	†	174	642
Florida	16,036	56	817	2,018	2,985	8,179	†	314	1,667
Georgia	8,942	20	718	2,008	200	4,886	†	119	991
Hawaii	1,173	4	553	21	19	305	†	101	170
Idaho	1,670	10	56	10	36	1,447	†	42	69
Illinois	18,439	172	2,108	1,475	1,278	10,992	†	350	2,064
Indiana	8,412	10	265	315	181	6,427	†	178	1,036
Iowa	4,710	15	150	61	61	3,720	†	99	604
Kansas	4,520	34	195	148	166	3,258	†	180	539
Kentucky	3,748	11	86	161	35	3,146	†	21	288
Louisiana	6,561	30	331	1,547	138	3,863	†	94	558
Maine	1,194	6	47	6	14	1,035	†	36	50
Maryland	8,544	19	957	1,430	231	4,671	†	170	1,066
Massachusetts	12,819	54	1,437	533	462	6,988	†	1,299	2,046
Michigan	15,343	49	1,263	799	244	10,497	†	539	1,952
Minnesota	7,654	46	488	242	95	5,828	†	373	582
Mississippi	2,835	9	48	802	11	1,738	†	12	215
Missouri	8,471	23	350	613	162	6,400	†	281	642
Montana	1,361	49	6	5	13	1,107	†	80	101
Nebraska	2,737	17	117	62	38	2,235	†	42	226
Nevada	903	15	89	27	56	539	†	79	98
New Hampshire	1,834	8	76	18	18	1,296	†	247	171
New Jersey	12,775	52	1,716	1,486	1,174	6,061	†	655	1,631
New Mexico	2,405	113	73	34	779	908	†	286	212
New York	27,935	61	3,507	2,348	1,745	14,267	†	2,368	3,639
North Carolina	11,262	99	692	1,858	222	7,555	†	121	715
North Dakota	1,171	20	13	3	4	1,082	†	0	49

See notes at end of table.

Table 13a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2000–01—Continued

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	
Ohio	15,103	30	536	793	175	11,340	†	305	1,924
Oklahoma	4,502	339	222	215	127	2,852	†	10	737
Oregon	3,351	30	284	36	75	2,345	†	233	348
Pennsylvania	22,386	43	1,183	1,090	354	17,001	†	1,051	1,664
Rhode Island	2,005	8	104	81	73	1,462	†	65	212
South Carolina	4,947	18	126	984	60	3,216	†	59	484
South Dakota	1,313	18	27	9	12	1,117	†	17	113
Tennessee	5,219	11	245	866	75	3,557	†	49	416
Texas	26,019	92	2,401	2,250	4,484	13,445	†	230	3,117
Utah	4,370	23	115	13	75	3,660	†	176	308
Vermont	781	8	28	14	9	626	†	58	38
Virginia	10,262	35	855	1,639	212	6,552	†	181	788
Washington	7,463	109	953	185	210	5,003	†	508	495
West Virginia	2,368	11	36	54	19	2,025	†	5	218
Wisconsin	8,067	43	288	146	118	6,600	†	107	765
Wyoming	626	1	16	0	17	512	†	29	51

† Not applicable. The Two or more races category was not available for the 2000–01 academic year.

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 13b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2000–01

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	
United States	100.0	0.6	9.3	8.1	6.2	61.2	†	4.0	10.6
Alabama	100.0	0.7	2.5	23.0	1.0	62.7	†	0.9	9.2
Alaska	100.0	6.0	1.5	2.0	2.3	70.1	†	14.1	4.0
Arizona	100.0	2.8	5.3	3.5	12.6	59.7	†	5.7	10.4
Arkansas	100.0	0.6	2.4	6.8	0.9	83.6	†	0.2	5.4
California	100.0	0.6	25.4	4.4	13.9	38.0	†	7.0	10.8
Colorado	100.0	0.9	5.4	2.6	6.1	72.7	†	5.8	6.5
Connecticut	100.0	0.3	6.9	5.6	4.4	62.2	†	5.7	14.9
Delaware	100.0	0.3	4.2	10.1	3.1	65.8	†	4.2	12.2
District of Columbia	100.0	0.2	11.9	26.0	2.7	33.4	†	5.5	20.4
Florida	100.0	0.3	5.1	12.6	18.6	51.0	†	2.0	10.4
Georgia	100.0	0.2	8.0	22.5	2.2	54.6	†	1.3	11.1
Hawaii	100.0	0.3	47.1	1.8	1.6	26.0	†	8.6	14.5
Idaho	100.0	0.6	3.4	0.6	2.2	86.6	†	2.5	4.1
Illinois	100.0	0.9	11.4	8.0	6.9	59.6	†	1.9	11.2
Indiana	100.0	0.1	3.2	3.7	2.2	76.4	†	2.1	12.3
Iowa	100.0	0.3	3.2	1.3	1.3	79.0	†	2.1	12.8
Kansas	100.0	0.8	4.3	3.3	3.7	72.1	†	4.0	11.9
Kentucky	100.0	0.3	2.3	4.3	0.9	83.9	†	0.6	7.7
Louisiana	100.0	0.5	5.0	23.6	2.1	58.9	†	1.4	8.5
Maine	100.0	0.5	3.9	0.5	1.2	86.7	†	3.0	4.2
Maryland	100.0	0.2	11.2	16.7	2.7	54.7	†	2.0	12.5
Massachusetts	100.0	0.4	11.2	4.2	3.6	54.5	†	10.1	16.0
Michigan	100.0	0.3	8.2	5.2	1.6	68.4	†	3.5	12.7
Minnesota	100.0	0.6	6.4	3.2	1.2	76.1	†	4.9	7.6
Mississippi	100.0	0.3	1.7	28.3	0.4	61.3	†	0.4	7.6
Missouri	100.0	0.3	4.1	7.2	1.9	75.6	†	3.3	7.6
Montana	100.0	3.6	0.4	0.4	1.0	81.3	†	5.9	7.4
Nebraska	100.0	0.6	4.3	2.3	1.4	81.7	†	1.5	8.3
Nevada	100.0	1.7	9.9	3.0	6.2	59.7	†	8.7	10.9
New Hampshire	100.0	0.4	4.1	1.0	1.0	70.7	†	13.5	9.3
New Jersey	100.0	0.4	13.4	11.6	9.2	47.4	†	5.1	12.8
New Mexico	100.0	4.7	3.0	1.4	32.4	37.8	†	11.9	8.8
New York	100.0	0.2	12.6	8.4	6.2	51.1	†	8.5	13.0
North Carolina	100.0	0.9	6.1	16.5	2.0	67.1	†	1.1	6.3
North Dakota	100.0	1.7	1.1	0.3	0.3	92.4	†	0.0	4.2

See notes at end of table.

Table 13b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2000–01—Continued

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	
Ohio	100.0	0.2	3.5	5.3	1.2	75.1	†	2.0	12.7
Oklahoma	100.0	7.5	4.9	4.8	2.8	63.3	†	0.2	16.4
Oregon	100.0	0.9	8.5	1.1	2.2	70.0	†	7.0	10.4
Pennsylvania	100.0	0.2	5.3	4.9	1.6	75.9	†	4.7	7.4
Rhode Island	100.0	0.4	5.2	4.0	3.6	72.9	†	3.2	10.6
South Carolina	100.0	0.4	2.5	19.9	1.2	65.0	†	1.2	9.8
South Dakota	100.0	1.4	2.1	0.7	0.9	85.1	†	1.3	8.6
Tennessee	100.0	0.2	4.7	16.6	1.4	68.2	†	0.9	8.0
Texas	100.0	0.4	9.2	8.6	17.2	51.7	†	0.9	12.0
Utah	100.0	0.5	2.6	0.3	1.7	83.8	†	4.0	7.0
Vermont	100.0	1.0	3.6	1.8	1.2	80.2	†	7.4	4.9
Virginia	100.0	0.3	8.3	16.0	2.1	63.8	†	1.8	7.7
Washington	100.0	1.5	12.8	2.5	2.8	67.0	†	6.8	6.6
West Virginia	100.0	0.5	1.5	2.3	0.8	85.5	†	0.2	9.2
Wisconsin	100.0	0.5	3.6	1.8	1.5	81.8	†	1.3	9.5
Wyoming	100.0	0.2	2.6	0.0	2.7	81.8	†	4.6	8.1

† Not applicable. The Two or more races category was not available for the 2000–01 academic year.

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 13c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2008–09

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races ¹	Race/ethnicity unknown	
United States	433,742	2,795	41,317	32,488	30,516	248,595	495	26,228	51,308
Alabama	6,069	40	164	1,213	112	3,533	1	269	737
Alaska	525	29	34	12	10	388	0	11	41
Arizona	12,993	257	633	757	1,379	7,268	43	1,614	1,042
Arkansas	2,828	43	106	310	68	2,054	0	29	218
California	47,128	260	12,600	1,468	6,446	16,048	50	4,482	5,774
Colorado	8,881	99	499	273	609	6,209	23	667	502
Connecticut	5,108	19	356	212	238	2,651	0	420	1,212
Delaware	1,079	3	66	76	25	716	1	49	143
District of Columbia	3,408	14	397	726	130	1,390	0	369	382
Florida	20,036	71	1,206	2,502	3,952	9,427	11	784	2,083
Georgia	12,156	31	1,032	2,532	420	6,279	53	262	1,547
Hawaii	1,259	3	673	31	35	341	0	17	159
Idaho	1,990	9	48	12	67	1,634	0	68	152
Illinois	18,504	40	1,889	1,256	1,121	9,968	34	889	3,307
Indiana	9,517	22	372	363	230	6,965	1	382	1,182
Iowa	5,373	16	132	95	89	3,595	4	748	694
Kansas	3,951	27	155	136	190	2,780	1	183	479
Kentucky	5,980	26	132	263	76	4,839	2	221	421
Louisiana	5,863	32	196	1,199	145	3,450	0	158	683
Maine	1,337	4	32	9	20	1,187	0	36	49
Maryland	10,045	34	1,199	1,635	373	4,811	22	985	986
Massachusetts	13,997	41	1,551	606	626	7,290	11	1,650	2,222
Michigan	17,896	73	1,170	1,244	379	12,168	13	853	1,996
Minnesota	8,029	39	517	274	127	6,044	15	351	662
Mississippi	2,989	10	60	765	32	1,867	0	46	209
Missouri	8,620	29	362	568	174	6,146	5	391	945
Montana	1,379	60	14	4	12	1,106	0	95	88
Nebraska	3,079	10	183	94	87	2,408	8	153	136
Nevada	1,572	12	218	62	156	849	30	113	132
New Hampshire	1,627	11	83	28	33	1,162	0	147	163
New Jersey	10,045	35	1,467	786	992	4,378	23	766	1,598
New Mexico	2,781	169	87	53	789	1,209	0	152	322
New York	29,805	95	3,134	2,128	1,835	14,303	33	2,609	5,668
North Carolina	12,559	92	911	1,802	331	8,091	0	373	959
North Dakota	1,398	24	22	13	9	1,140	2	19	169

See notes at end of table.

Table 13c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2008–09—Continued

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races ¹	Race/ethnicity unknown	
Ohio	16,674	59	647	1,060	258	11,949	6	859	1,836
Oklahoma	5,443	444	213	305	204	3,489	23	95	670
Oregon	4,141	31	367	43	149	2,906	4	336	305
Pennsylvania	22,874	41	1,508	1,051	492	15,697	18	1,304	2,763
Rhode Island	2,098	8	123	77	65	1,328	5	273	219
South Carolina	4,944	23	129	850	86	3,320	5	215	316
South Dakota	1,379	31	15	9	11	1,165	2	61	85
Tennessee	6,097	15	232	837	134	4,166	0	202	511
Texas	31,399	132	2,566	2,482	6,639	14,351	15	412	4,802
Utah	5,221	30	209	42	139	4,065	0	391	345
Vermont	1,011	5	38	14	18	822	0	76	38
Virginia	12,350	34	1,954	1,761	373	6,572	9	700	947
Washington	8,916	79	1,202	197	381	5,715	12	746	584
West Virginia	2,092	10	48	60	25	1,720	0	31	198
Wisconsin	8,626	70	358	190	207	7,087	10	125	579
Wyoming	671	4	8	3	18	549	0	41	48

¹Two or more races was an optional reporting category for the IPEDS 2009-10 collection year, during which the 2008-09 Completions data were collected, and 771 institutions reported awarding degrees or certificates using this option. The figures reported here should not be considered representative of all completions awarded to individuals who could be classified into Two or more races.

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 13d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2008–09

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races ¹	Race/ethnicity unknown	
United States	100.0	0.6	9.5	7.5	7.0	57.3	0.1	6.0	11.8
Alabama	100.0	0.7	2.7	20.0	1.8	58.2	#	4.4	12.1
Alaska	100.0	5.5	6.5	2.3	1.9	73.9	0.0	2.1	7.8
Arizona	100.0	2.0	4.9	5.8	10.6	55.9	0.3	12.4	8.0
Arkansas	100.0	1.5	3.7	11.0	2.4	72.6	0.0	1.0	7.7
California	100.0	0.6	26.7	3.1	13.7	34.1	0.1	9.5	12.3
Colorado	100.0	1.1	5.6	3.1	6.9	69.9	0.3	7.5	5.7
Connecticut	100.0	0.4	7.0	4.2	4.7	51.9	0.0	8.2	23.7
Delaware	100.0	0.3	6.1	7.0	2.3	66.4	0.1	4.5	13.3
District of Columbia	100.0	0.4	11.6	21.3	3.8	40.8	0.0	10.8	11.2
Florida	100.0	0.4	6.0	12.5	19.7	47.1	0.1	3.9	10.4
Georgia	100.0	0.3	8.5	20.8	3.5	51.7	0.4	2.2	12.7
Hawaii	100.0	0.2	53.5	2.5	2.8	27.1	0.0	1.4	12.6
Idaho	100.0	0.5	2.4	0.6	3.4	82.1	0.0	3.4	7.6
Illinois	100.0	0.2	10.2	6.8	6.1	53.9	0.2	4.8	17.9
Indiana	100.0	0.2	3.9	3.8	2.4	73.2	#	4.0	12.4
Iowa	100.0	0.3	2.5	1.8	1.7	66.9	0.1	13.9	12.9
Kansas	100.0	0.7	3.9	3.4	4.8	70.4	#	4.6	12.1
Kentucky	100.0	0.4	2.2	4.4	1.3	80.9	#	3.7	7.0
Louisiana	100.0	0.5	3.3	20.5	2.5	58.8	0.0	2.7	11.6
Maine	100.0	0.3	2.4	0.7	1.5	88.8	0.0	2.7	3.7
Maryland	100.0	0.3	11.9	16.3	3.7	47.9	0.2	9.8	9.8
Massachusetts	100.0	0.3	11.1	4.3	4.5	52.1	0.1	11.8	15.9
Michigan	100.0	0.4	6.5	7.0	2.1	68.0	0.1	4.8	11.2
Minnesota	100.0	0.5	6.4	3.4	1.6	75.3	0.2	4.4	8.2
Mississippi	100.0	0.3	2.0	25.6	1.1	62.5	0.0	1.5	7.0
Missouri	100.0	0.3	4.2	6.6	2.0	71.3	0.1	4.5	11.0
Montana	100.0	4.4	1.0	0.3	0.9	80.2	0.0	6.9	6.4
Nebraska	100.0	0.3	5.9	3.1	2.8	78.2	0.3	5.0	4.4
Nevada	100.0	0.8	13.9	3.9	9.9	54.0	1.9	7.2	8.4
New Hampshire	100.0	0.7	5.1	1.7	2.0	71.4	0.0	9.0	10.0
New Jersey	100.0	0.3	14.6	7.8	9.9	43.6	0.2	7.6	15.9
New Mexico	100.0	6.1	3.1	1.9	28.4	43.5	0.0	5.5	11.6
New York	100.0	0.3	10.5	7.1	6.2	48.0	0.1	8.8	19.0
North Carolina	100.0	0.7	7.3	14.3	2.6	64.4	0.0	3.0	7.6
North Dakota	100.0	1.7	1.6	0.9	0.6	81.5	0.1	1.4	12.1

See notes at end of table.

Table 13d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic year 2008–09—Continued

State	Total	Race/ethnicity							Non-resident alien
		American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races ¹	Race/ethnicity unknown	
Ohio	100.0	0.4	3.9	6.4	1.5	71.7	#	5.2	11.0
Oklahoma	100.0	8.2	3.9	5.6	3.7	64.1	0.4	1.7	12.3
Oregon	100.0	0.7	8.9	1.0	3.6	70.2	0.1	8.1	7.4
Pennsylvania	100.0	0.2	6.6	4.6	2.2	68.6	0.1	5.7	12.1
Rhode Island	100.0	0.4	5.9	3.7	3.1	63.3	0.2	13.0	10.4
South Carolina	100.0	0.5	2.6	17.2	1.7	67.2	0.1	4.3	6.4
South Dakota	100.0	2.2	1.1	0.7	0.8	84.5	0.1	4.4	6.2
Tennessee	100.0	0.2	3.8	13.7	2.2	68.3	0.0	3.3	8.4
Texas	100.0	0.4	8.2	7.9	21.1	45.7	#	1.3	15.3
Utah	100.0	0.6	4.0	0.8	2.7	77.9	0.0	7.5	6.6
Vermont	100.0	0.5	3.8	1.4	1.8	81.3	0.0	7.5	3.8
Virginia	100.0	0.3	15.8	14.3	3.0	53.2	0.1	5.7	7.7
Washington	100.0	0.9	13.5	2.2	4.3	64.1	0.1	8.4	6.6
West Virginia	100.0	0.5	2.3	2.9	1.2	82.2	0.0	1.5	9.5
Wisconsin	100.0	0.8	4.2	2.2	2.4	82.2	0.1	1.4	6.7
Wyoming	100.0	0.6	1.2	0.4	2.7	81.8	0.0	6.1	7.2

Rounds to zero.

¹Two or more races was an optional reporting category for the IPEDS 2009-10 collection year, during which the 2008-09 Completions data were collected, and 771 institutions reported awarding degrees or certificates using this option. The figures reported here should not be considered representative of all completions awarded to individuals who could be classified into Two or more races.

NOTE: Awards conferred include both degrees and certificates. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 13e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic years 2000–01 and 2008–09

State	Race/ethnicity								
	Total	American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	Non-resident alien
United States	12.4	13.8	15.6	3.7	27.7	5.3	†	69.7	25.8
Alabama	6.3	-2.4	15.5	-7.8	100.0	-1.3	†	438.0	39.8
Alaska	-19.6	-25.6	240.0	-7.7	-33.3	-15.3	†	-88.0	57.7
Arizona	95.1	39.7	78.3	227.7	64.6	82.9	†	322.5	49.9
Arkansas	-20.7	87.0	23.3	28.1	106.1	-31.1	†	383.3	12.4
California	14.1	-0.4	20.1	-19.1	12.6	2.3	†	55.7	29.5
Colorado	9.7	39.4	14.2	31.3	23.3	5.4	†	42.2	-5.3
Connecticut	47.3	111.1	48.3	9.3	55.6	22.9	†	113.2	134.0
Delaware	8.3	0.0	57.1	-24.8	-19.4	9.3	†	16.7	17.2
District of Columbia	8.3	180.0	6.4	-11.1	54.8	32.3	†	112.1	-40.5
Florida	24.9	26.8	47.6	24.0	32.4	15.3	†	149.7	25.0
Georgia	35.9	55.0	43.7	26.1	110.0	28.5	†	120.2	56.1
Hawaii	7.3	-25.0	21.7	47.6	84.2	11.8	†	-83.2	-6.5
Idaho	19.2	-10.0	-14.3	20.0	86.1	12.9	†	61.9	120.3
Illinois	0.4	-76.7	-10.4	-14.8	-12.3	-9.3	†	154.0	60.2
Indiana	13.1	120.0	40.4	15.2	27.1	8.4	†	114.6	14.1
Iowa	14.1	6.7	-12.0	55.7	45.9	-3.4	†	655.6	14.9
Kansas	-12.6	-20.6	-20.5	-8.1	14.5	-14.7	†	1.7	-11.1
Kentucky	59.6	136.4	53.5	63.4	117.1	53.8	†	952.4	46.2
Louisiana	-10.6	6.7	-40.8	-22.5	5.1	-10.7	†	68.1	22.4
Maine	12.0	-33.3	-31.9	50.0	42.9	14.7	†	0.0	-2.0
Maryland	17.6	78.9	25.3	14.3	61.5	3.0	†	479.4	-7.5
Massachusetts	9.2	-24.1	7.9	13.7	35.5	4.3	†	27.0	8.6
Michigan	16.6	49.0	-7.4	55.7	55.3	15.9	†	58.3	2.3
Minnesota	4.9	-15.2	5.9	13.2	33.7	3.7	†	-5.9	13.7
Mississippi	5.4	11.1	25.0	-4.6	190.9	7.4	†	283.3	-2.8
Missouri	1.8	26.1	3.4	-7.3	7.4	-4.0	†	39.1	47.2
Montana	1.3	22.4	133.3	-20.0	-7.7	-0.1	†	18.8	-12.9
Nebraska	12.5	-41.2	56.4	51.6	128.9	7.7	†	264.3	-39.8
Nevada	74.1	-20.0	144.9	129.6	178.6	57.5	†	43.0	34.7
New Hampshire	-11.3	37.5	9.2	55.6	83.3	-10.3	†	-40.5	-4.7
New Jersey	-21.4	-32.7	-14.5	-47.1	-15.5	-27.8	†	16.9	-2.0
New Mexico	15.6	49.6	19.2	55.9	1.3	33.1	†	-46.9	51.9
New York	6.7	55.7	-10.6	-9.4	5.2	0.3	†	10.2	55.8
North Carolina	11.5	-7.1	31.6	-3.0	49.1	7.1	†	208.3	34.1
North Dakota	19.4	20.0	69.2	333.3	125.0	5.4	†	†	244.9

See notes at end of table.

Table 13e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions, by race/ethnicity and state: Academic years 2000–01 and 2008–09—Continued

State	Race/ethnicity								
	Total	American Indian or Alaska Native	Asian, Native Hawaiian, or Other Pacific Islander	Black or African American	Hispanic or Latino	White	Two or more races	Race/ethnicity unknown	Non-resident alien
Ohio	10.4	96.7	20.7	33.7	47.4	5.4	†	181.6	-4.6
Oklahoma	20.9	31.0	-4.1	41.9	60.6	22.3	†	850.0	-9.1
Oregon	23.6	3.3	29.2	19.4	98.7	23.9	†	44.2	-12.4
Pennsylvania	2.2	-4.7	27.5	-3.6	39.0	-7.7	†	24.1	66.0
Rhode Island	4.6	0.0	18.3	-4.9	-11.0	-9.2	†	320.0	3.3
South Carolina	-0.1	27.8	2.4	-13.6	43.3	3.2	†	264.4	-34.7
South Dakota	5.0	72.2	-44.4	0.0	-8.3	4.3	†	258.8	-24.8
Tennessee	16.8	36.4	-5.3	-3.3	78.7	17.1	†	312.2	22.8
Texas	20.7	43.5	6.9	10.3	48.1	6.7	†	79.1	54.1
Utah	19.5	30.4	81.7	223.1	85.3	11.1	†	122.2	12.0
Vermont	29.4	-37.5	35.7	0.0	100.0	31.3	†	31.0	0.0
Virginia	20.3	-2.9	128.5	7.4	75.9	0.3	†	286.7	20.2
Washington	19.5	-27.5	26.1	6.5	81.4	14.2	†	46.9	18.0
West Virginia	-11.7	-9.1	33.3	11.1	31.6	-15.1	†	520.0	-9.2
Wisconsin	6.9	62.8	24.3	30.1	75.4	7.4	†	16.8	-24.3
Wyoming	7.2	300.0	-50.0	†	5.9	7.2	†	41.4	-5.9

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. The Two or more races category was not available for the 2000–01 academic year. Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 14a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	2,457	846	928	457	71	146	9
Alabama	41	10	18	8	1	4	0
Alaska	39	30	5	2	1	1	0
Arizona	184	52	108	18	2	4	0
Arkansas	23	8	7	7	0	1	0
California	261	60	110	61	11	19	0
Colorado	71	24	19	16	3	9	0
Connecticut	9	1	4	1	1	2	0
Delaware	3	1	1	0	0	1	0
District of Columbia	5	4	1	0	0	0	0
Florida	56	22	24	7	0	3	0
Georgia	20	6	12	1	0	1	0
Hawaii	4	4	0	0	0	0	0
Idaho	10	6	2	1	1	0	0
Illinois	172	134	14	14	5	5	0
Indiana	10	2	4	4	0	0	0
Iowa	15	6	6	2	0	1	0
Kansas	34	4	24	5	0	1	0
Kentucky	11	2	1	6	2	0	0
Louisiana	30	9	17	3	0	1	0
Maine	6	2	2	2	0	0	0
Maryland	19	6	5	4	1	3	0
Massachusetts	54	12	17	16	3	6	0
Michigan	49	13	25	6	3	2	0
Minnesota	46	22	15	5	2	2	0
Mississippi	9	0	3	3	2	1	0
Missouri	23	8	7	7	1	0	0
Montana	49	12	27	9	0	1	0
Nebraska	17	10	1	5	0	1	0
Nevada	15	4	5	4	1	1	0
New Hampshire	8	3	1	3	1	0	0
New Jersey	52	28	19	1	2	2	0
New Mexico	113	42	51	13	0	7	0
New York	61	22	21	9	2	7	0
North Carolina	99	36	23	30	3	7	0
North Dakota	20	14	3	1	0	2	0

See notes at end of table.

Table 14a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	30	7	16	6	0	1	0
Oklahoma	339	74	133	86	14	27	5
Oregon	30	6	20	2	1	0	1
Pennsylvania	43	14	16	8	3	2	0
Rhode Island	8	4	2	1	0	1	0
South Carolina	18	3	8	5	0	2	0
South Dakota	18	5	9	4	0	0	0
Tennessee	11	2	6	2	0	1	0
Texas	92	26	37	20	0	6	3
Utah	23	4	11	4	1	3	0
Vermont	8	5	1	2	0	0	0
Virginia	35	14	11	9	0	1	0
Washington	109	33	46	21	3	6	0
West Virginia	11	5	3	3	0	0	0
Wisconsin	43	24	7	10	1	1	0
Wyoming	1	1	0	0	0	0	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 14b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	34.4	37.8	18.6	2.9	5.9	0.4
Alabama	100.0	24.4	43.9	19.5	2.4	9.8	0.0
Alaska	100.0	76.9	12.8	5.1	2.6	2.6	0.0
Arizona	100.0	28.3	58.7	9.8	1.1	2.2	0.0
Arkansas	100.0	34.8	30.4	30.4	0.0	4.3	0.0
California	100.0	23.0	42.1	23.4	4.2	7.3	0.0
Colorado	100.0	33.8	26.8	22.5	4.2	12.7	0.0
Connecticut	100.0	11.1	44.4	11.1	11.1	22.2	0.0
Delaware	100.0	33.3	33.3	0.0	0.0	33.3	0.0
District of Columbia	100.0	80.0	20.0	0.0	0.0	0.0	0.0
Florida	100.0	39.3	42.9	12.5	0.0	5.4	0.0
Georgia	100.0	30.0	60.0	5.0	0.0	5.0	0.0
Hawaii	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Idaho	100.0	60.0	20.0	10.0	10.0	0.0	0.0
Illinois	100.0	77.9	8.1	8.1	2.9	2.9	0.0
Indiana	100.0	20.0	40.0	40.0	0.0	0.0	0.0
Iowa	100.0	40.0	40.0	13.3	0.0	6.7	0.0
Kansas	100.0	11.8	70.6	14.7	0.0	2.9	0.0
Kentucky	100.0	18.2	9.1	54.5	18.2	0.0	0.0
Louisiana	100.0	30.0	56.7	10.0	0.0	3.3	0.0
Maine	100.0	33.3	33.3	33.3	0.0	0.0	0.0
Maryland	100.0	31.6	26.3	21.1	5.3	15.8	0.0
Massachusetts	100.0	22.2	31.5	29.6	5.6	11.1	0.0
Michigan	100.0	26.5	51.0	12.2	6.1	4.1	0.0
Minnesota	100.0	47.8	32.6	10.9	4.3	4.3	0.0
Mississippi	100.0	0.0	33.3	33.3	22.2	11.1	0.0
Missouri	100.0	34.8	30.4	30.4	4.3	0.0	0.0
Montana	100.0	24.5	55.1	18.4	0.0	2.0	0.0
Nebraska	100.0	58.8	5.9	29.4	0.0	5.9	0.0
Nevada	100.0	26.7	33.3	26.7	6.7	6.7	0.0
New Hampshire	100.0	37.5	12.5	37.5	12.5	0.0	0.0
New Jersey	100.0	53.8	36.5	1.9	3.8	3.8	0.0
New Mexico	100.0	37.2	45.1	11.5	0.0	6.2	0.0
New York	100.0	36.1	34.4	14.8	3.3	11.5	0.0
North Carolina	100.0	36.4	23.2	30.3	3.0	7.1	0.0
North Dakota	100.0	70.0	15.0	5.0	0.0	10.0	0.0

See notes at end of table.

Table 14b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	23.3	53.3	20.0	0.0	3.3	0.0
Oklahoma	100.0	21.8	39.2	25.4	4.1	8.0	1.5
Oregon	100.0	20.0	66.7	6.7	3.3	0.0	3.3
Pennsylvania	100.0	32.6	37.2	18.6	7.0	4.7	0.0
Rhode Island	100.0	50.0	25.0	12.5	0.0	12.5	0.0
South Carolina	100.0	16.7	44.4	27.8	0.0	11.1	0.0
South Dakota	100.0	27.8	50.0	22.2	0.0	0.0	0.0
Tennessee	100.0	18.2	54.5	18.2	0.0	9.1	0.0
Texas	100.0	28.3	40.2	21.7	0.0	6.5	3.3
Utah	100.0	17.4	47.8	17.4	4.3	13.0	0.0
Vermont	100.0	62.5	12.5	25.0	0.0	0.0	0.0
Virginia	100.0	40.0	31.4	25.7	0.0	2.9	0.0
Washington	100.0	30.3	42.2	19.3	2.8	5.5	0.0
West Virginia	100.0	45.5	27.3	27.3	0.0	0.0	0.0
Wisconsin	100.0	55.8	16.3	23.3	2.3	2.3	0.0
Wyoming	100.0	100.0	0.0	0.0	0.0	0.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 14c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	2,795	712	1,112	643	90	218	20
Alabama	40	4	27	5	1	3	0
Alaska	29	4	16	5	0	4	0
Arizona	257	102	102	21	2	23	7
Arkansas	43	2	19	17	3	1	1
California	260	49	98	81	11	21	0
Colorado	99	27	33	25	3	10	1
Connecticut	19	0	6	6	2	5	0
Delaware	3	2	0	1	0	0	0
District of Columbia	14	6	7	1	0	0	0
Florida	71	24	27	12	2	5	1
Georgia	31	12	12	5	0	2	0
Hawaii	3	1	0	2	0	0	0
Idaho	9	2	3	3	1	0	0
Illinois	40	13	13	10	1	3	0
Indiana	22	6	8	3	1	4	0
Iowa	16	3	5	6	0	1	1
Kansas	27	5	12	4	2	4	0
Kentucky	26	1	20	5	0	0	0
Louisiana	32	5	18	7	1	1	0
Maine	4	1	1	1	0	1	0
Maryland	34	13	12	5	0	3	1
Massachusetts	41	1	23	12	3	1	1
Michigan	73	10	35	21	2	5	0
Minnesota	39	14	12	8	1	4	0
Mississippi	10	3	3	1	0	3	0
Missouri	29	6	6	14	0	3	0
Montana	60	20	29	6	1	4	0
Nebraska	10	5	1	4	0	0	0
Nevada	12	3	6	3	0	0	0
New Hampshire	11	2	7	0	1	1	0
New Jersey	35	10	10	8	3	4	0
New Mexico	169	65	80	14	1	9	0
New York	95	18	41	21	6	9	0
North Carolina	92	28	15	32	2	15	0
North Dakota	24	7	8	8	0	1	0

See notes at end of table.

Table 14c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	59	18	15	19	0	7	0
Oklahoma	444	112	181	113	18	20	0
Oregon	31	7	9	10	1	4	0
Pennsylvania	41	15	16	5	4	1	0
Rhode Island	8	3	3	0	1	1	0
South Carolina	23	6	9	7	1	0	0
South Dakota	31	13	12	3	0	3	0
Tennessee	15	2	6	5	1	1	0
Texas	132	16	57	40	3	10	6
Utah	30	3	14	8	3	2	0
Vermont	5	1	2	1	0	1	0
Virginia	34	9	11	11	2	1	0
Washington	79	25	20	24	3	7	0
West Virginia	10	1	4	2	1	1	1
Wisconsin	70	7	37	17	2	7	0
Wyoming	4	0	1	1	0	2	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 14d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	25.5	39.8	23.0	3.2	7.8	0.7
Alabama	100.0	10.0	67.5	12.5	2.5	7.5	0.0
Alaska	100.0	13.8	55.2	17.2	0.0	13.8	0.0
Arizona	100.0	39.7	39.7	8.2	0.8	8.9	2.7
Arkansas	100.0	4.7	44.2	39.5	7.0	2.3	2.3
California	100.0	18.8	37.7	31.2	4.2	8.1	0.0
Colorado	100.0	27.3	33.3	25.3	3.0	10.1	1.0
Connecticut	100.0	0.0	31.6	31.6	10.5	26.3	0.0
Delaware	100.0	66.7	0.0	33.3	0.0	0.0	0.0
District of Columbia	100.0	42.9	50.0	7.1	0.0	0.0	0.0
Florida	100.0	33.8	38.0	16.9	2.8	7.0	1.4
Georgia	100.0	38.7	38.7	16.1	0.0	6.5	0.0
Hawaii	100.0	33.3	0.0	66.7	0.0	0.0	0.0
Idaho	100.0	22.2	33.3	33.3	11.1	0.0	0.0
Illinois	100.0	32.5	32.5	25.0	2.5	7.5	0.0
Indiana	100.0	27.3	36.4	13.6	4.5	18.2	0.0
Iowa	100.0	18.8	31.3	37.5	0.0	6.3	6.3
Kansas	100.0	18.5	44.4	14.8	7.4	14.8	0.0
Kentucky	100.0	3.8	76.9	19.2	0.0	0.0	0.0
Louisiana	100.0	15.6	56.3	21.9	3.1	3.1	0.0
Maine	100.0	25.0	25.0	25.0	0.0	25.0	0.0
Maryland	100.0	38.2	35.3	14.7	0.0	8.8	2.9
Massachusetts	100.0	2.4	56.1	29.3	7.3	2.4	2.4
Michigan	100.0	13.7	47.9	28.8	2.7	6.8	0.0
Minnesota	100.0	35.9	30.8	20.5	2.6	10.3	0.0
Mississippi	100.0	30.0	30.0	10.0	0.0	30.0	0.0
Missouri	100.0	20.7	20.7	48.3	0.0	10.3	0.0
Montana	100.0	33.3	48.3	10.0	1.7	6.7	0.0
Nebraska	100.0	50.0	10.0	40.0	0.0	0.0	0.0
Nevada	100.0	25.0	50.0	25.0	0.0	0.0	0.0
New Hampshire	100.0	18.2	63.6	0.0	9.1	9.1	0.0
New Jersey	100.0	28.6	28.6	22.9	8.6	11.4	0.0
New Mexico	100.0	38.5	47.3	8.3	0.6	5.3	0.0
New York	100.0	18.9	43.2	22.1	6.3	9.5	0.0
North Carolina	100.0	30.4	16.3	34.8	2.2	16.3	0.0
North Dakota	100.0	29.2	33.3	33.3	0.0	4.2	0.0

See notes at end of table.

Table 14d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	30.5	25.4	32.2	0.0	11.9	0.0
Oklahoma	100.0	25.2	40.8	25.5	4.1	4.5	0.0
Oregon	100.0	22.6	29.0	32.3	3.2	12.9	0.0
Pennsylvania	100.0	36.6	39.0	12.2	9.8	2.4	0.0
Rhode Island	100.0	37.5	37.5	0.0	12.5	12.5	0.0
South Carolina	100.0	26.1	39.1	30.4	4.3	0.0	0.0
South Dakota	100.0	41.9	38.7	9.7	0.0	9.7	0.0
Tennessee	100.0	13.3	40.0	33.3	6.7	6.7	0.0
Texas	100.0	12.1	43.2	30.3	2.3	7.6	4.5
Utah	100.0	10.0	46.7	26.7	10.0	6.7	0.0
Vermont	100.0	20.0	40.0	20.0	0.0	20.0	0.0
Virginia	100.0	26.5	32.4	32.4	5.9	2.9	0.0
Washington	100.0	31.6	25.3	30.4	3.8	8.9	0.0
West Virginia	100.0	10.0	40.0	20.0	10.0	10.0	10.0
Wisconsin	100.0	10.0	52.9	24.3	2.9	10.0	0.0
Wyoming	100.0	0.0	25.0	25.0	0.0	50.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 14e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	13.8	-15.8	19.8	40.7	26.8	49.3	122.2
Alabama	-2.4	-60.0	50.0	-37.5	0.0	-25.0	†
Alaska	-25.6	-86.7	220.0	150.0	-100.0	300.0	†
Arizona	39.7	96.2	-5.6	16.7	0.0	475.0	†
Arkansas	87.0	-75.0	171.4	142.9	†	0.0	†
California	-0.4	-18.3	-10.9	32.8	0.0	10.5	†
Colorado	39.4	12.5	73.7	56.3	0.0	11.1	†
Connecticut	111.1	-100.0	50.0	500.0	100.0	150.0	†
Delaware	0.0	100.0	-100.0	†	†	-100.0	†
District of Columbia	180.0	50.0	600.0	†	†	†	†
Florida	26.8	9.1	12.5	71.4	†	66.7	†
Georgia	55.0	100.0	0.0	400.0	†	100.0	†
Hawaii	-25.0	-75.0	†	†	†	†	†
Idaho	-10.0	-66.7	50.0	200.0	0.0	†	†
Illinois	-76.7	-90.3	-7.1	-28.6	-80.0	-40.0	†
Indiana	120.0	200.0	100.0	-25.0	†	†	†
Iowa	6.7	-50.0	-16.7	200.0	†	0.0	†
Kansas	-20.6	25.0	-50.0	-20.0	†	300.0	†
Kentucky	136.4	-50.0	1,900.0	-16.7	-100.0	†	†
Louisiana	6.7	-44.4	5.9	133.3	†	0.0	†
Maine	-33.3	-50.0	-50.0	-50.0	†	†	†
Maryland	78.9	116.7	140.0	25.0	-100.0	0.0	†
Massachusetts	-24.1	-91.7	35.3	-25.0	0.0	-83.3	†
Michigan	49.0	-23.1	40.0	250.0	-33.3	150.0	†
Minnesota	-15.2	-36.4	-20.0	60.0	-50.0	100.0	†
Mississippi	11.1	†	0.0	-66.7	-100.0	200.0	†
Missouri	26.1	-25.0	-14.3	100.0	-100.0	†	†
Montana	22.4	66.7	7.4	-33.3	†	300.0	†
Nebraska	-41.2	-50.0	0.0	-20.0	†	-100.0	†
Nevada	-20.0	-25.0	20.0	-25.0	-100.0	-100.0	†
New Hampshire	37.5	-33.3	600.0	-100.0	0.0	†	†
New Jersey	-32.7	-64.3	-47.4	700.0	50.0	100.0	†
New Mexico	49.6	54.8	56.9	7.7	†	28.6	†
New York	55.7	-18.2	95.2	133.3	200.0	28.6	†
North Carolina	-7.1	-22.2	-34.8	6.7	-33.3	114.3	†
North Dakota	20.0	-50.0	166.7	700.0	†	-50.0	†

See notes at end of table.

Table 14e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	96.7	157.1	-6.3	216.7	†	600.0	†
Oklahoma	31.0	51.4	36.1	31.4	28.6	-25.9	-100.0
Oregon	3.3	16.7	-55.0	400.0	0.0	†	-100.0
Pennsylvania	-4.7	7.1	0.0	-37.5	33.3	-50.0	†
Rhode Island	0.0	-25.0	50.0	-100.0	†	0.0	†
South Carolina	27.8	100.0	12.5	40.0	†	-100.0	†
South Dakota	72.2	160.0	33.3	-25.0	†	†	†
Tennessee	36.4	0.0	0.0	150.0	†	0.0	†
Texas	43.5	-38.5	54.1	100.0	†	66.7	100.0
Utah	30.4	-25.0	27.3	100.0	200.0	-33.3	†
Vermont	-37.5	-80.0	100.0	-50.0	†	†	†
Virginia	-2.9	-35.7	0.0	22.2	†	0.0	†
Washington	-27.5	-24.2	-56.5	14.3	0.0	16.7	†
West Virginia	-9.1	-80.0	33.3	-33.3	†	†	†
Wisconsin	62.8	-70.8	428.6	70.0	100.0	600.0	†
Wyoming	300.0	-100.0	†	†	†	†	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 15a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2000–01

	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	35,753	11,894	13,487	7,193	1,238	1,880	61
Alabama	142	51	43	34	2	12	0
Alaska	10	2	4	3	0	1	0
Arizona	355	73	185	73	7	17	0
Arkansas	86	24	28	22	4	8	0
California	10,491	2,643	4,636	2,213	446	538	15
Colorado	437	166	132	95	25	18	1
Connecticut	240	72	67	72	8	21	0
Delaware	42	17	8	8	2	7	0
District of Columbia	373	244	45	73	3	8	0
Florida	817	267	333	155	13	48	1
Georgia	718	267	269	111	16	54	1
Hawaii	553	166	240	108	16	21	2
Idaho	56	15	21	15	3	2	0
Illinois	2,108	868	656	444	57	82	1
Indiana	265	45	130	52	10	28	0
Iowa	150	50	59	31	6	4	0
Kansas	195	61	79	37	6	12	0
Kentucky	86	25	29	26	1	5	0
Louisiana	331	118	113	74	13	13	0
Maine	47	8	7	21	7	4	0
Maryland	957	434	261	214	21	27	0
Massachusetts	1,437	328	598	327	71	105	8
Michigan	1,263	241	773	166	32	49	2
Minnesota	488	250	141	56	11	29	1
Mississippi	48	12	13	15	2	6	0
Missouri	350	117	87	109	6	31	0
Montana	6	0	3	3	0	0	0
Nebraska	117	51	20	25	5	15	1
Nevada	89	19	32	33	4	1	0
New Hampshire	76	29	12	24	4	7	0
New Jersey	1,716	919	414	286	38	59	0
New Mexico	73	21	35	10	4	2	1
New York	3,507	1,743	929	563	114	154	4
North Carolina	692	216	216	165	34	61	0
North Dakota	13	5	3	3	1	1	0

See notes at end of table.

Table 15a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	536	148	200	124	20	40	4
Oklahoma	222	60	94	41	6	21	0
Oregon	284	59	120	69	11	25	0
Pennsylvania	1,183	378	431	244	47	82	1
Rhode Island	104	35	28	33	2	5	1
South Carolina	126	37	45	33	3	8	0
South Dakota	27	17	1	4	0	5	0
Tennessee	245	39	121	58	8	19	0
Texas	2,401	812	924	502	65	84	14
Utah	115	33	42	24	5	10	1
Vermont	28	5	10	10	1	2	0
Virginia	855	340	260	157	23	75	0
Washington	953	258	476	137	39	43	0
West Virginia	36	9	13	10	3	1	0
Wisconsin	288	92	99	77	10	8	2
Wyoming	16	5	2	4	3	2	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 15b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2000–01

	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	33.3	37.7	20.1	3.5	5.3	0.2
Alabama	100.0	35.9	30.3	23.9	1.4	8.5	0.0
Alaska	100.0	20.0	40.0	30.0	0.0	10.0	0.0
Arizona	100.0	20.6	52.1	20.6	2.0	4.8	0.0
Arkansas	100.0	27.9	32.6	25.6	4.7	9.3	0.0
California	100.0	25.2	44.2	21.1	4.3	5.1	0.1
Colorado	100.0	38.0	30.2	21.7	5.7	4.1	0.2
Connecticut	100.0	30.0	27.9	30.0	3.3	8.8	0.0
Delaware	100.0	40.5	19.0	19.0	4.8	16.7	0.0
District of Columbia	100.0	65.4	12.1	19.6	0.8	2.1	0.0
Florida	100.0	32.7	40.8	19.0	1.6	5.9	0.1
Georgia	100.0	37.2	37.5	15.5	2.2	7.5	0.1
Hawaii	100.0	30.0	43.4	19.5	2.9	3.8	0.4
Idaho	100.0	26.8	37.5	26.8	5.4	3.6	0.0
Illinois	100.0	41.2	31.1	21.1	2.7	3.9	#
Indiana	100.0	17.0	49.1	19.6	3.8	10.6	0.0
Iowa	100.0	33.3	39.3	20.7	4.0	2.7	0.0
Kansas	100.0	31.3	40.5	19.0	3.1	6.2	0.0
Kentucky	100.0	29.1	33.7	30.2	1.2	5.8	0.0
Louisiana	100.0	35.6	34.1	22.4	3.9	3.9	0.0
Maine	100.0	17.0	14.9	44.7	14.9	8.5	0.0
Maryland	100.0	45.4	27.3	22.4	2.2	2.8	0.0
Massachusetts	100.0	22.8	41.6	22.8	4.9	7.3	0.6
Michigan	100.0	19.1	61.2	13.1	2.5	3.9	0.2
Minnesota	100.0	51.2	28.9	11.5	2.3	5.9	0.2
Mississippi	100.0	25.0	27.1	31.3	4.2	12.5	0.0
Missouri	100.0	33.4	24.9	31.1	1.7	8.9	0.0
Montana	100.0	0.0	50.0	50.0	0.0	0.0	0.0
Nebraska	100.0	43.6	17.1	21.4	4.3	12.8	0.9
Nevada	100.0	21.3	36.0	37.1	4.5	1.1	0.0
New Hampshire	100.0	38.2	15.8	31.6	5.3	9.2	0.0
New Jersey	100.0	53.6	24.1	16.7	2.2	3.4	0.0
New Mexico	100.0	28.8	47.9	13.7	5.5	2.7	1.4
New York	100.0	49.7	26.5	16.1	3.3	4.4	0.1
North Carolina	100.0	31.2	31.2	23.8	4.9	8.8	0.0
North Dakota	100.0	38.5	23.1	23.1	7.7	7.7	0.0

See notes at end of table.

Table 15b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	27.6	37.3	23.1	3.7	7.5	0.7
Oklahoma	100.0	27.0	42.3	18.5	2.7	9.5	0.0
Oregon	100.0	20.8	42.3	24.3	3.9	8.8	0.0
Pennsylvania	100.0	32.0	36.4	20.6	4.0	6.9	0.1
Rhode Island	100.0	33.7	26.9	31.7	1.9	4.8	1.0
South Carolina	100.0	29.4	35.7	26.2	2.4	6.3	0.0
South Dakota	100.0	63.0	3.7	14.8	0.0	18.5	0.0
Tennessee	100.0	15.9	49.4	23.7	3.3	7.8	0.0
Texas	100.0	33.8	38.5	20.9	2.7	3.5	0.6
Utah	100.0	28.7	36.5	20.9	4.3	8.7	0.9
Vermont	100.0	17.9	35.7	35.7	3.6	7.1	0.0
Virginia	100.0	39.8	30.4	18.4	2.7	8.8	0.0
Washington	100.0	27.1	49.9	14.4	4.1	4.5	0.0
West Virginia	100.0	25.0	36.1	27.8	8.3	2.8	0.0
Wisconsin	100.0	31.9	34.4	26.7	3.5	2.8	0.7
Wyoming	100.0	31.3	12.5	25.0	18.8	12.5	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 15c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2008–09

	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	41,317	6,480	15,302	14,479	2,103	2,773	180
Alabama	164	18	76	50	9	10	1
Alaska	34	8	16	8	1	1	0
Arizona	633	185	198	167	9	48	26
Arkansas	106	19	44	39	2	2	0
California	12,600	1,585	4,567	5,030	642	756	20
Colorado	499	93	198	153	26	28	1
Connecticut	356	27	109	143	41	30	6
Delaware	66	14	29	20	2	1	0
District of Columbia	397	125	124	126	10	12	0
Florida	1,206	175	453	448	43	73	14
Georgia	1,032	167	435	309	34	83	4
Hawaii	673	170	263	182	18	32	8
Idaho	48	11	20	11	2	4	0
Illinois	1,889	341	661	642	113	127	5
Indiana	372	27	190	119	15	20	1
Iowa	132	15	55	43	7	12	0
Kansas	155	17	68	44	4	20	2
Kentucky	132	14	53	51	5	9	0
Louisiana	196	42	40	97	4	13	0
Maine	32	2	7	16	5	2	0
Maryland	1,199	300	404	386	48	55	6
Massachusetts	1,551	260	546	484	102	145	14
Michigan	1,170	152	580	323	55	58	2
Minnesota	517	128	169	157	25	36	2
Mississippi	60	4	17	29	1	9	0
Missouri	362	66	121	130	14	26	5
Montana	14	0	5	4	2	3	0
Nebraska	183	31	63	62	15	12	0
Nevada	218	51	72	78	12	5	0
New Hampshire	83	14	22	26	9	12	0
New Jersey	1,467	206	504	574	71	112	0
New Mexico	87	15	25	34	5	7	1
New York	3,134	597	1,068	967	281	219	2
North Carolina	911	104	380	286	40	95	6
North Dakota	22	4	11	7	0	0	0

See notes at end of table.

Table 15c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	647	88	196	292	22	44	5
Oklahoma	213	37	69	89	7	11	0
Oregon	367	56	129	135	22	25	0
Pennsylvania	1,508	261	545	448	100	148	6
Rhode Island	123	22	25	54	12	8	2
South Carolina	129	17	46	50	3	13	0
South Dakota	15	3	7	1	3	1	0
Tennessee	232	25	79	77	8	42	1
Texas	2,566	302	851	1,120	128	128	37
Utah	209	49	66	66	13	15	0
Vermont	38	10	12	10	5	1	0
Virginia	1,954	297	1,173	347	31	106	0
Washington	1,202	234	388	383	56	138	3
West Virginia	48	8	15	18	1	6	0
Wisconsin	358	83	106	141	18	10	0
Wyoming	8	1	2	3	2	0	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 15d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2008–09

	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	15.7	37.0	35.0	5.1	6.7	0.4
Alabama	100.0	11.0	46.3	30.5	5.5	6.1	0.6
Alaska	100.0	23.5	47.1	23.5	2.9	2.9	0.0
Arizona	100.0	29.2	31.3	26.4	1.4	7.6	4.1
Arkansas	100.0	17.9	41.5	36.8	1.9	1.9	0.0
California	100.0	12.6	36.2	39.9	5.1	6.0	0.2
Colorado	100.0	18.6	39.7	30.7	5.2	5.6	0.2
Connecticut	100.0	7.6	30.6	40.2	11.5	8.4	1.7
Delaware	100.0	21.2	43.9	30.3	3.0	1.5	0.0
District of Columbia	100.0	31.5	31.2	31.7	2.5	3.0	0.0
Florida	100.0	14.5	37.6	37.1	3.6	6.1	1.2
Georgia	100.0	16.2	42.2	29.9	3.3	8.0	0.4
Hawaii	100.0	25.3	39.1	27.0	2.7	4.8	1.2
Idaho	100.0	22.9	41.7	22.9	4.2	8.3	0.0
Illinois	100.0	18.1	35.0	34.0	6.0	6.7	0.3
Indiana	100.0	7.3	51.1	32.0	4.0	5.4	0.3
Iowa	100.0	11.4	41.7	32.6	5.3	9.1	0.0
Kansas	100.0	11.0	43.9	28.4	2.6	12.9	1.3
Kentucky	100.0	10.6	40.2	38.6	3.8	6.8	0.0
Louisiana	100.0	21.4	20.4	49.5	2.0	6.6	0.0
Maine	100.0	6.3	21.9	50.0	15.6	6.3	0.0
Maryland	100.0	25.0	33.7	32.2	4.0	4.6	0.5
Massachusetts	100.0	16.8	35.2	31.2	6.6	9.3	0.9
Michigan	100.0	13.0	49.6	27.6	4.7	5.0	0.2
Minnesota	100.0	24.8	32.7	30.4	4.8	7.0	0.4
Mississippi	100.0	6.7	28.3	48.3	1.7	15.0	0.0
Missouri	100.0	18.2	33.4	35.9	3.9	7.2	1.4
Montana	100.0	0.0	35.7	28.6	14.3	21.4	0.0
Nebraska	100.0	16.9	34.4	33.9	8.2	6.6	0.0
Nevada	100.0	23.4	33.0	35.8	5.5	2.3	0.0
New Hampshire	100.0	16.9	26.5	31.3	10.8	14.5	0.0
New Jersey	100.0	14.0	34.4	39.1	4.8	7.6	0.0
New Mexico	100.0	17.2	28.7	39.1	5.7	8.0	1.1
New York	100.0	19.0	34.1	30.9	9.0	7.0	0.1
North Carolina	100.0	11.4	41.7	31.4	4.4	10.4	0.7
North Dakota	100.0	18.2	50.0	31.8	0.0	0.0	0.0

See notes at end of table.

Table 15d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	13.6	30.3	45.1	3.4	6.8	0.8
Oklahoma	100.0	17.4	32.4	41.8	3.3	5.2	0.0
Oregon	100.0	15.3	35.1	36.8	6.0	6.8	0.0
Pennsylvania	100.0	17.3	36.1	29.7	6.6	9.8	0.4
Rhode Island	100.0	17.9	20.3	43.9	9.8	6.5	1.6
South Carolina	100.0	13.2	35.7	38.8	2.3	10.1	0.0
South Dakota	100.0	20.0	46.7	6.7	20.0	6.7	0.0
Tennessee	100.0	10.8	34.1	33.2	3.4	18.1	0.4
Texas	100.0	11.8	33.2	43.6	5.0	5.0	1.4
Utah	100.0	23.4	31.6	31.6	6.2	7.2	0.0
Vermont	100.0	26.3	31.6	26.3	13.2	2.6	0.0
Virginia	100.0	15.2	60.0	17.8	1.6	5.4	0.0
Washington	100.0	19.5	32.3	31.9	4.7	11.5	0.2
West Virginia	100.0	16.7	31.3	37.5	2.1	12.5	0.0
Wisconsin	100.0	23.2	29.6	39.4	5.0	2.8	0.0
Wyoming	100.0	12.5	25.0	37.5	25.0	0.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 15e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	15.6	-45.5	13.5	101.3	69.9	47.5	195.1
Alabama	15.5	-64.7	76.7	47.1	350.0	-16.7	†
Alaska	240.0	300.0	300.0	166.7	†	0.0	†
Arizona	78.3	153.4	7.0	128.8	28.6	182.4	†
Arkansas	23.3	-20.8	57.1	77.3	-50.0	-75.0	†
California	20.1	-40.0	-1.5	127.3	43.9	40.5	33.3
Colorado	14.2	-44.0	50.0	61.1	4.0	55.6	0.0
Connecticut	48.3	-62.5	62.7	98.6	412.5	42.9	†
Delaware	57.1	-17.6	262.5	150.0	0.0	-85.7	†
District of Columbia	6.4	-48.8	175.6	72.6	233.3	50.0	†
Florida	47.6	-34.5	36.0	189.0	230.8	52.1	1,300.0
Georgia	43.7	-37.5	61.7	178.4	112.5	53.7	300.0
Hawaii	21.7	2.4	9.6	68.5	12.5	52.4	300.0
Idaho	-14.3	-26.7	-4.8	-26.7	-33.3	100.0	†
Illinois	-10.4	-60.7	0.8	44.6	98.2	54.9	400.0
Indiana	40.4	-40.0	46.2	128.8	50.0	-28.6	†
Iowa	-12.0	-70.0	-6.8	38.7	16.7	200.0	†
Kansas	-20.5	-72.1	-13.9	18.9	-33.3	66.7	†
Kentucky	53.5	-44.0	82.8	96.2	400.0	80.0	†
Louisiana	-40.8	-64.4	-64.6	31.1	-69.2	0.0	†
Maine	-31.9	-75.0	0.0	-23.8	-28.6	-50.0	†
Maryland	25.3	-30.9	54.8	80.4	128.6	103.7	†
Massachusetts	7.9	-20.7	-8.7	48.0	43.7	38.1	75.0
Michigan	-7.4	-36.9	-25.0	94.6	71.9	18.4	0.0
Minnesota	5.9	-48.8	19.9	180.4	127.3	24.1	100.0
Mississippi	25.0	-66.7	30.8	93.3	-50.0	50.0	†
Missouri	3.4	-43.6	39.1	19.3	133.3	-16.1	†
Montana	133.3	†	66.7	33.3	†	†	†
Nebraska	56.4	-39.2	215.0	148.0	200.0	-20.0	-100.0
Nevada	144.9	168.4	125.0	136.4	200.0	400.0	†
New Hampshire	9.2	-51.7	83.3	8.3	125.0	71.4	†
New Jersey	-14.5	-77.6	21.7	100.7	86.8	89.8	†
New Mexico	19.2	-28.6	-28.6	240.0	25.0	250.0	0.0
New York	-10.6	-65.7	15.0	71.8	146.5	42.2	-50.0
North Carolina	31.6	-51.9	75.9	73.3	17.6	55.7	†
North Dakota	69.2	-20.0	266.7	133.3	-100.0	-100.0	†

See notes at end of table.

Table 15e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	20.7	-40.5	-2.0	135.5	10.0	10.0	25.0
Oklahoma	-4.1	-38.3	-26.6	117.1	16.7	-47.6	†
Oregon	29.2	-5.1	7.5	95.7	100.0	0.0	†
Pennsylvania	27.5	-31.0	26.5	83.6	112.8	80.5	500.0
Rhode Island	18.3	-37.1	-10.7	63.6	500.0	60.0	100.0
South Carolina	2.4	-54.1	2.2	51.5	0.0	62.5	†
South Dakota	-44.4	-82.4	600.0	-75.0	†	-80.0	†
Tennessee	-5.3	-35.9	-34.7	32.8	0.0	121.1	†
Texas	6.9	-62.8	-7.9	123.1	96.9	52.4	164.3
Utah	81.7	48.5	57.1	175.0	160.0	50.0	-100.0
Vermont	35.7	100.0	20.0	0.0	400.0	-50.0	†
Virginia	128.5	-12.6	351.2	121.0	34.8	41.3	†
Washington	26.1	-9.3	-18.5	179.6	43.6	220.9	†
West Virginia	33.3	-11.1	15.4	80.0	-66.7	500.0	†
Wisconsin	24.3	-9.8	7.1	83.1	80.0	25.0	-100.0
Wyoming	-50.0	-80.0	0.0	-25.0	-33.3	-100.0	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 16a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	31,341	12,542	11,242	5,052	961	1,290	254
Alabama	1,315	412	460	324	62	39	18
Alaska	13	1	10	1	0	1	0
Arizona	231	72	137	15	4	3	0
Arkansas	242	106	67	49	11	9	0
California	1,815	489	992	190	64	55	25
Colorado	208	134	45	21	4	3	1
Connecticut	194	90	62	27	8	7	0
Delaware	101	42	26	22	2	9	0
District of Columbia	817	546	92	133	18	28	0
Florida	2,018	889	835	208	36	50	0
Georgia	2,008	797	633	342	117	118	1
Hawaii	21	15	2	3	1	0	0
Idaho	10	4	3	3	0	0	0
Illinois	1,475	822	450	132	35	33	3
Indiana	315	101	147	37	6	22	2
Iowa	61	27	19	13	1	1	0
Kansas	148	71	38	31	4	4	0
Kentucky	161	33	71	41	10	4	2
Louisiana	1,547	557	392	415	33	149	1
Maine	6	1	2	2	1	0	0
Maryland	1,430	645	466	247	26	46	0
Massachusetts	533	108	287	95	13	26	4
Michigan	799	202	406	100	28	60	3
Minnesota	242	144	55	28	3	11	1
Mississippi	802	154	262	305	26	55	0
Missouri	613	321	206	51	10	22	3
Montana	5	2	0	2	0	1	0
Nebraska	62	46	9	5	2	0	0
Nevada	27	8	17	1	0	1	0
New Hampshire	18	9	1	7	0	1	0
New Jersey	1,486	731	525	178	25	24	3
New Mexico	34	11	16	5	1	1	0
New York	2,348	945	896	328	90	71	18
North Carolina	1,858	830	524	346	68	90	0
North Dakota	3	1	2	0	0	0	0

See notes at end of table.

Table 16a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	793	331	311	106	15	22	8
Oklahoma	215	55	106	43	3	8	0
Oregon	36	11	13	9	0	3	0
Pennsylvania	1,090	453	413	137	28	49	10
Rhode Island	81	41	26	11	2	1	0
South Carolina	984	350	285	261	50	35	3
South Dakota	9	7	1	0	1	0	0
Tennessee	866	333	291	150	27	61	4
Texas	2,250	869	844	294	61	42	140
Utah	13	6	1	4	0	2	0
Vermont	14	1	5	6	0	2	0
Virginia	1,639	568	615	292	55	109	0
Washington	185	56	107	12	4	5	1
West Virginia	54	19	24	3	2	4	2
Wisconsin	146	76	45	17	4	3	1
Wyoming	0	0	0	0	0	0	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 16b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	40.0	35.9	16.1	3.1	4.1	0.8
Alabama	100.0	31.3	35.0	24.6	4.7	3.0	1.4
Alaska	100.0	7.7	76.9	7.7	0.0	7.7	0.0
Arizona	100.0	31.2	59.3	6.5	1.7	1.3	0.0
Arkansas	100.0	43.8	27.7	20.2	4.5	3.7	0.0
California	100.0	26.9	54.7	10.5	3.5	3.0	1.4
Colorado	100.0	64.4	21.6	10.1	1.9	1.4	0.5
Connecticut	100.0	46.4	32.0	13.9	4.1	3.6	0.0
Delaware	100.0	41.6	25.7	21.8	2.0	8.9	0.0
District of Columbia	100.0	66.8	11.3	16.3	2.2	3.4	0.0
Florida	100.0	44.1	41.4	10.3	1.8	2.5	0.0
Georgia	100.0	39.7	31.5	17.0	5.8	5.9	#
Hawaii	100.0	71.4	9.5	14.3	4.8	0.0	0.0
Idaho	100.0	40.0	30.0	30.0	0.0	0.0	0.0
Illinois	100.0	55.7	30.5	8.9	2.4	2.2	0.2
Indiana	100.0	32.1	46.7	11.7	1.9	7.0	0.6
Iowa	100.0	44.3	31.1	21.3	1.6	1.6	0.0
Kansas	100.0	48.0	25.7	20.9	2.7	2.7	0.0
Kentucky	100.0	20.5	44.1	25.5	6.2	2.5	1.2
Louisiana	100.0	36.0	25.3	26.8	2.1	9.6	0.1
Maine	100.0	16.7	33.3	33.3	16.7	0.0	0.0
Maryland	100.0	45.1	32.6	17.3	1.8	3.2	0.0
Massachusetts	100.0	20.3	53.8	17.8	2.4	4.9	0.8
Michigan	100.0	25.3	50.8	12.5	3.5	7.5	0.4
Minnesota	100.0	59.5	22.7	11.6	1.2	4.5	0.4
Mississippi	100.0	19.2	32.7	38.0	3.2	6.9	0.0
Missouri	100.0	52.4	33.6	8.3	1.6	3.6	0.5
Montana	100.0	40.0	0.0	40.0	0.0	20.0	0.0
Nebraska	100.0	74.2	14.5	8.1	3.2	0.0	0.0
Nevada	100.0	29.6	63.0	3.7	0.0	3.7	0.0
New Hampshire	100.0	50.0	5.6	38.9	0.0	5.6	0.0
New Jersey	100.0	49.2	35.3	12.0	1.7	1.6	0.2
New Mexico	100.0	32.4	47.1	14.7	2.9	2.9	0.0
New York	100.0	40.2	38.2	14.0	3.8	3.0	0.8
North Carolina	100.0	44.7	28.2	18.6	3.7	4.8	0.0
North Dakota	100.0	33.3	66.7	0.0	0.0	0.0	0.0

See notes at end of table.

Table 16b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	41.7	39.2	13.4	1.9	2.8	1.0
Oklahoma	100.0	25.6	49.3	20.0	1.4	3.7	0.0
Oregon	100.0	30.6	36.1	25.0	0.0	8.3	0.0
Pennsylvania	100.0	41.6	37.9	12.6	2.6	4.5	0.9
Rhode Island	100.0	50.6	32.1	13.6	2.5	1.2	0.0
South Carolina	100.0	35.6	29.0	26.5	5.1	3.6	0.3
South Dakota	100.0	77.8	11.1	0.0	11.1	0.0	0.0
Tennessee	100.0	38.5	33.6	17.3	3.1	7.0	0.5
Texas	100.0	38.6	37.5	13.1	2.7	1.9	6.2
Utah	100.0	46.2	7.7	30.8	0.0	15.4	0.0
Vermont	100.0	7.1	35.7	42.9	0.0	14.3	0.0
Virginia	100.0	34.7	37.5	17.8	3.4	6.7	0.0
Washington	100.0	30.3	57.8	6.5	2.2	2.7	0.5
West Virginia	100.0	35.2	44.4	5.6	3.7	7.4	3.7
Wisconsin	100.0	52.1	30.8	11.6	2.7	2.1	0.7
Wyoming	†	†	†	†	†	†	†

† Not applicable.

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 16c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	32,488	11,223	11,520	6,861	1,025	1,509	350
Alabama	1,213	298	410	405	51	45	4
Alaska	12	5	3	3	1	0	0
Arizona	757	502	124	38	5	28	60
Arkansas	310	89	131	67	5	17	1
California	1,468	376	551	408	70	57	6
Colorado	273	149	89	25	6	4	0
Connecticut	212	22	83	73	19	14	1
Delaware	76	24	18	21	3	10	0
District of Columbia	726	339	171	159	19	38	0
Florida	2,502	791	1,157	408	47	75	24
Georgia	2,532	1,143	636	496	101	133	23
Hawaii	31	10	3	4	0	2	12
Idaho	12	3	6	1	2	0	0
Illinois	1,256	675	342	169	33	36	1
Indiana	363	116	162	56	12	17	0
Iowa	95	20	39	21	10	5	0
Kansas	136	30	76	19	6	5	0
Kentucky	263	63	128	53	8	10	1
Louisiana	1,199	377	349	339	29	99	6
Maine	9	0	7	1	1	0	0
Maryland	1,635	675	531	325	35	50	19
Massachusetts	606	135	251	165	23	28	4
Michigan	1,244	312	756	116	25	29	6
Minnesota	274	99	89	62	8	13	3
Mississippi	765	139	201	328	31	66	0
Missouri	568	167	269	109	3	19	1
Montana	4	1	2	1	0	0	0
Nebraska	94	51	14	23	4	2	0
Nevada	62	28	21	11	0	2	0
New Hampshire	28	4	13	7	0	4	0
New Jersey	786	254	219	246	32	31	4
New Mexico	53	18	13	16	1	4	1
New York	2,128	724	745	456	94	104	5
North Carolina	1,802	598	611	384	75	110	24
North Dakota	13	1	9	1	1	1	0

See notes at end of table.

Table 16c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	1,060	429	430	144	21	30	6
Oklahoma	305	82	134	70	8	11	0
Oregon	43	11	13	14	3	2	0
Pennsylvania	1,051	354	394	189	25	72	17
Rhode Island	77	30	25	16	2	3	1
South Carolina	850	260	221	282	47	37	3
South Dakota	9	3	5	0	0	1	0
Tennessee	837	210	353	177	25	71	1
Texas	2,482	675	987	551	77	82	110
Utah	42	13	13	10	3	2	1
Vermont	14	6	4	4	0	0	0
Virginia	1,761	778	538	290	43	112	0
Washington	197	67	75	31	4	18	2
West Virginia	60	10	23	21	0	4	2
Wisconsin	190	56	75	45	7	6	1
Wyoming	3	1	1	1	0	0	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 16d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	34.5	35.5	21.1	3.2	4.6	1.1
Alabama	100.0	24.6	33.8	33.4	4.2	3.7	0.3
Alaska	100.0	41.7	25.0	25.0	8.3	0.0	0.0
Arizona	100.0	66.3	16.4	5.0	0.7	3.7	7.9
Arkansas	100.0	28.7	42.3	21.6	1.6	5.5	0.3
California	100.0	25.6	37.5	27.8	4.8	3.9	0.4
Colorado	100.0	54.6	32.6	9.2	2.2	1.5	0.0
Connecticut	100.0	10.4	39.2	34.4	9.0	6.6	0.5
Delaware	100.0	31.6	23.7	27.6	3.9	13.2	0.0
District of Columbia	100.0	46.7	23.6	21.9	2.6	5.2	0.0
Florida	100.0	31.6	46.2	16.3	1.9	3.0	1.0
Georgia	100.0	45.1	25.1	19.6	4.0	5.3	0.9
Hawaii	100.0	32.3	9.7	12.9	0.0	6.5	38.7
Idaho	100.0	25.0	50.0	8.3	16.7	0.0	0.0
Illinois	100.0	53.7	27.2	13.5	2.6	2.9	0.1
Indiana	100.0	32.0	44.6	15.4	3.3	4.7	0.0
Iowa	100.0	21.1	41.1	22.1	10.5	5.3	0.0
Kansas	100.0	22.1	55.9	14.0	4.4	3.7	0.0
Kentucky	100.0	24.0	48.7	20.2	3.0	3.8	0.4
Louisiana	100.0	31.4	29.1	28.3	2.4	8.3	0.5
Maine	100.0	0.0	77.8	11.1	11.1	0.0	0.0
Maryland	100.0	41.3	32.5	19.9	2.1	3.1	1.2
Massachusetts	100.0	22.3	41.4	27.2	3.8	4.6	0.7
Michigan	100.0	25.1	60.8	9.3	2.0	2.3	0.5
Minnesota	100.0	36.1	32.5	22.6	2.9	4.7	1.1
Mississippi	100.0	18.2	26.3	42.9	4.1	8.6	0.0
Missouri	100.0	29.4	47.4	19.2	0.5	3.3	0.2
Montana	100.0	25.0	50.0	25.0	0.0	0.0	0.0
Nebraska	100.0	54.3	14.9	24.5	4.3	2.1	0.0
Nevada	100.0	45.2	33.9	17.7	0.0	3.2	0.0
New Hampshire	100.0	14.3	46.4	25.0	0.0	14.3	0.0
New Jersey	100.0	32.3	27.9	31.3	4.1	3.9	0.5
New Mexico	100.0	34.0	24.5	30.2	1.9	7.5	1.9
New York	100.0	34.0	35.0	21.4	4.4	4.9	0.2
North Carolina	100.0	33.2	33.9	21.3	4.2	6.1	1.3
North Dakota	100.0	7.7	69.2	7.7	7.7	7.7	0.0

See notes at end of table.

Table 16d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	40.5	40.6	13.6	2.0	2.8	0.6
Oklahoma	100.0	26.9	43.9	23.0	2.6	3.6	0.0
Oregon	100.0	25.6	30.2	32.6	7.0	4.7	0.0
Pennsylvania	100.0	33.7	37.5	18.0	2.4	6.9	1.6
Rhode Island	100.0	39.0	32.5	20.8	2.6	3.9	1.3
South Carolina	100.0	30.6	26.0	33.2	5.5	4.4	0.4
South Dakota	100.0	33.3	55.6	0.0	0.0	11.1	0.0
Tennessee	100.0	25.1	42.2	21.1	3.0	8.5	0.1
Texas	100.0	27.2	39.8	22.2	3.1	3.3	4.4
Utah	100.0	31.0	31.0	23.8	7.1	4.8	2.4
Vermont	100.0	42.9	28.6	28.6	0.0	0.0	0.0
Virginia	100.0	44.2	30.6	16.5	2.4	6.4	0.0
Washington	100.0	34.0	38.1	15.7	2.0	9.1	1.0
West Virginia	100.0	16.7	38.3	35.0	0.0	6.7	3.3
Wisconsin	100.0	29.5	39.5	23.7	3.7	3.2	0.5
Wyoming	100.0	33.3	33.3	33.3	0.0	0.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 16e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	3.7	-10.5	2.5	35.8	6.7	17.0	37.8
Alabama	-7.8	-27.7	-10.9	25.0	-17.7	15.4	-77.8
Alaska	-7.7	400.0	-70.0	200.0	†	-100.0	†
Arizona	227.7	597.2	-9.5	153.3	25.0	833.3	†
Arkansas	28.1	-16.0	95.5	36.7	-54.5	88.9	†
California	-19.1	-23.1	-44.5	114.7	9.4	3.6	-76.0
Colorado	31.3	11.2	97.8	19.0	50.0	33.3	-100.0
Connecticut	9.3	-75.6	33.9	170.4	137.5	100.0	†
Delaware	-24.8	-42.9	-30.8	-4.5	50.0	11.1	†
District of Columbia	-11.1	-37.9	85.9	19.5	5.6	35.7	†
Florida	24.0	-11.0	38.6	96.2	30.6	50.0	†
Georgia	26.1	43.4	0.5	45.0	-13.7	12.7	2,200.0
Hawaii	47.6	-33.3	50.0	33.3	-100.0	†	†
Idaho	20.0	-25.0	100.0	-66.7	†	†	†
Illinois	-14.8	-17.9	-24.0	28.0	-5.7	9.1	-66.7
Indiana	15.2	14.9	10.2	51.4	100.0	-22.7	-100.0
Iowa	55.7	-25.9	105.3	61.5	900.0	400.0	†
Kansas	-8.1	-57.7	100.0	-38.7	50.0	25.0	†
Kentucky	63.4	90.9	80.3	29.3	-20.0	150.0	-50.0
Louisiana	-22.5	-32.3	-11.0	-18.3	-12.1	-33.6	500.0
Maine	50.0	-100.0	250.0	-50.0	0.0	†	†
Maryland	14.3	4.7	13.9	31.6	34.6	8.7	†
Massachusetts	13.7	25.0	-12.5	73.7	76.9	7.7	0.0
Michigan	55.7	54.5	86.2	16.0	-10.7	-51.7	100.0
Minnesota	13.2	-31.3	61.8	121.4	166.7	18.2	200.0
Mississippi	-4.6	-9.7	-23.3	7.5	19.2	20.0	†
Missouri	-7.3	-48.0	30.6	113.7	-70.0	-13.6	-66.7
Montana	-20.0	-50.0	†	-50.0	†	-100.0	†
Nebraska	51.6	10.9	55.6	360.0	100.0	†	†
Nevada	129.6	250.0	23.5	1,000.0	†	100.0	†
New Hampshire	55.6	-55.6	1,200.0	0.0	†	300.0	†
New Jersey	-47.1	-65.3	-58.3	38.2	28.0	29.2	33.3
New Mexico	55.9	63.6	-18.8	220.0	0.0	300.0	†
New York	-9.4	-23.4	-16.9	39.0	4.4	46.5	-72.2
North Carolina	-3.0	-28.0	16.6	11.0	10.3	22.2	†
North Dakota	333.3	0.0	350.0	†	†	†	†

See notes at end of table.

Table 16e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	33.7	29.6	38.3	35.8	40.0	36.4	-25.0
Oklahoma	41.9	49.1	26.4	62.8	166.7	37.5	†
Oregon	19.4	0.0	0.0	55.6	†	-33.3	†
Pennsylvania	-3.6	-21.9	-4.6	38.0	-10.7	46.9	70.0
Rhode Island	-4.9	-26.8	-3.8	45.5	0.0	200.0	†
South Carolina	-13.6	-25.7	-22.5	8.0	-6.0	5.7	0.0
South Dakota	0.0	-57.1	400.0	†	-100.0	†	†
Tennessee	-3.3	-36.9	21.3	18.0	-7.4	16.4	-75.0
Texas	10.3	-22.3	16.9	87.4	26.2	95.2	-21.4
Utah	223.1	116.7	1,200.0	150.0	†	0.0	†
Vermont	0.0	500.0	-20.0	-33.3	†	-100.0	†
Virginia	7.4	37.0	-12.5	-0.7	-21.8	2.8	†
Washington	6.5	19.6	-29.9	158.3	0.0	260.0	100.0
West Virginia	11.1	-47.4	-4.2	600.0	-100.0	0.0	0.0
Wisconsin	30.1	-26.3	66.7	164.7	75.0	100.0	0.0
Wyoming	†	†	†	†	†	†	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 17a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	23,891	7,542	11,016	3,429	789	929	186
Alabama	56	18	21	11	1	0	5
Alaska	15	0	12	2	1	0	0
Arizona	838	163	548	91	14	22	0
Arkansas	33	9	13	7	2	2	0
California	5,725	1,158	3,316	703	273	241	34
Colorado	494	153	213	92	15	17	4
Connecticut	153	47	55	24	10	17	0
Delaware	31	10	8	9	0	4	0
District of Columbia	84	57	15	9	1	2	0
Florida	2,985	1,564	1,022	302	27	70	0
Georgia	200	65	95	30	5	5	0
Hawaii	19	11	3	3	0	2	0
Idaho	36	10	18	7	0	1	0
Illinois	1,278	692	424	120	17	25	0
Indiana	181	31	96	30	5	16	3
Iowa	61	15	22	16	5	3	0
Kansas	166	34	100	19	3	10	0
Kentucky	35	8	21	6	0	0	0
Louisiana	138	34	57	33	6	8	0
Maine	14	2	3	7	2	0	0
Maryland	231	80	84	37	9	21	0
Massachusetts	462	89	223	93	23	32	2
Michigan	244	29	140	50	3	22	0
Minnesota	95	46	24	14	6	5	0
Mississippi	11	0	8	2	0	1	0
Missouri	162	69	51	35	1	6	0
Montana	13	2	7	3	0	1	0
Nebraska	38	14	9	9	2	4	0
Nevada	56	12	18	17	5	4	0
New Hampshire	18	7	2	7	2	0	0
New Jersey	1,174	559	398	163	29	23	2
New Mexico	779	200	424	108	21	24	2
New York	1,745	749	686	208	52	49	1
North Carolina	222	62	94	48	13	5	0
North Dakota	4	1	1	2	0	0	0

See notes at end of table.

Table 17a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	175	43	67	43	7	15	0
Oklahoma	127	14	71	27	2	13	0
Oregon	75	19	23	21	4	8	0
Pennsylvania	354	91	180	58	9	16	0
Rhode Island	73	25	31	15	2	0	0
South Carolina	60	15	23	18	0	4	0
South Dakota	12	6	5	1	0	0	0
Tennessee	75	24	26	19	3	3	0
Texas	4,484	1,130	2,077	774	192	178	133
Utah	75	25	25	15	4	6	0
Vermont	9	2	0	6	0	1	0
Virginia	212	62	91	39	4	16	0
Washington	210	60	99	35	5	11	0
West Virginia	19	2	9	5	0	3	0
Wisconsin	118	24	44	33	4	13	0
Wyoming	17	0	14	3	0	0	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 17b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	31.6	46.1	14.4	3.3	3.9	0.8
Alabama	100.0	32.1	37.5	19.6	1.8	0.0	8.9
Alaska	100.0	0.0	80.0	13.3	6.7	0.0	0.0
Arizona	100.0	19.5	65.4	10.9	1.7	2.6	0.0
Arkansas	100.0	27.3	39.4	21.2	6.1	6.1	0.0
California	100.0	20.2	57.9	12.3	4.8	4.2	0.6
Colorado	100.0	31.0	43.1	18.6	3.0	3.4	0.8
Connecticut	100.0	30.7	35.9	15.7	6.5	11.1	0.0
Delaware	100.0	32.3	25.8	29.0	0.0	12.9	0.0
District of Columbia	100.0	67.9	17.9	10.7	1.2	2.4	0.0
Florida	100.0	52.4	34.2	10.1	0.9	2.3	0.0
Georgia	100.0	32.5	47.5	15.0	2.5	2.5	0.0
Hawaii	100.0	57.9	15.8	15.8	0.0	10.5	0.0
Idaho	100.0	27.8	50.0	19.4	0.0	2.8	0.0
Illinois	100.0	54.1	33.2	9.4	1.3	2.0	0.0
Indiana	100.0	17.1	53.0	16.6	2.8	8.8	1.7
Iowa	100.0	24.6	36.1	26.2	8.2	4.9	0.0
Kansas	100.0	20.5	60.2	11.4	1.8	6.0	0.0
Kentucky	100.0	22.9	60.0	17.1	0.0	0.0	0.0
Louisiana	100.0	24.6	41.3	23.9	4.3	5.8	0.0
Maine	100.0	14.3	21.4	50.0	14.3	0.0	0.0
Maryland	100.0	34.6	36.4	16.0	3.9	9.1	0.0
Massachusetts	100.0	19.3	48.3	20.1	5.0	6.9	0.4
Michigan	100.0	11.9	57.4	20.5	1.2	9.0	0.0
Minnesota	100.0	48.4	25.3	14.7	6.3	5.3	0.0
Mississippi	100.0	0.0	72.7	18.2	0.0	9.1	0.0
Missouri	100.0	42.6	31.5	21.6	0.6	3.7	0.0
Montana	100.0	15.4	53.8	23.1	0.0	7.7	0.0
Nebraska	100.0	36.8	23.7	23.7	5.3	10.5	0.0
Nevada	100.0	21.4	32.1	30.4	8.9	7.1	0.0
New Hampshire	100.0	38.9	11.1	38.9	11.1	0.0	0.0
New Jersey	100.0	47.6	33.9	13.9	2.5	2.0	0.2
New Mexico	100.0	25.7	54.4	13.9	2.7	3.1	0.3
New York	100.0	42.9	39.3	11.9	3.0	2.8	0.1
North Carolina	100.0	27.9	42.3	21.6	5.9	2.3	0.0
North Dakota	100.0	25.0	25.0	50.0	0.0	0.0	0.0

See notes at end of table.

Table 17b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	24.6	38.3	24.6	4.0	8.6	0.0
Oklahoma	100.0	11.0	55.9	21.3	1.6	10.2	0.0
Oregon	100.0	25.3	30.7	28.0	5.3	10.7	0.0
Pennsylvania	100.0	25.7	50.8	16.4	2.5	4.5	0.0
Rhode Island	100.0	34.2	42.5	20.5	2.7	0.0	0.0
South Carolina	100.0	25.0	38.3	30.0	0.0	6.7	0.0
South Dakota	100.0	50.0	41.7	8.3	0.0	0.0	0.0
Tennessee	100.0	32.0	34.7	25.3	4.0	4.0	0.0
Texas	100.0	25.2	46.3	17.3	4.3	4.0	3.0
Utah	100.0	33.3	33.3	20.0	5.3	8.0	0.0
Vermont	100.0	22.2	0.0	66.7	0.0	11.1	0.0
Virginia	100.0	29.2	42.9	18.4	1.9	7.5	0.0
Washington	100.0	28.6	47.1	16.7	2.4	5.2	0.0
West Virginia	100.0	10.5	47.4	26.3	0.0	15.8	0.0
Wisconsin	100.0	20.3	37.3	28.0	3.4	11.0	0.0
Wyoming	100.0	0.0	82.4	17.6	0.0	0.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 17c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	30,516	7,492	13,721	6,150	1,289	1,554	310
Alabama	112	23	49	28	2	10	0
Alaska	10	0	6	2	2	0	0
Arizona	1,379	528	456	184	31	115	65
Arkansas	68	14	32	17	2	3	0
California	6,446	1,346	3,051	1,271	407	361	10
Colorado	609	149	271	131	25	32	1
Connecticut	238	18	108	74	14	23	1
Delaware	25	1	17	4	1	2	0
District of Columbia	130	39	59	22	6	4	0
Florida	3,952	869	2,255	646	55	117	10
Georgia	420	115	203	76	7	17	2
Hawaii	35	12	4	7	0	2	10
Idaho	67	13	33	20	0	1	0
Illinois	1,121	468	384	168	44	56	1
Indiana	230	32	113	59	12	13	1
Iowa	89	14	38	24	5	8	0
Kansas	190	30	122	30	1	6	1
Kentucky	76	28	31	10	2	5	0
Louisiana	145	36	53	43	4	8	1
Maine	20	0	2	13	2	3	0
Maryland	373	110	147	73	14	26	3
Massachusetts	626	125	294	132	21	46	8
Michigan	379	99	183	56	20	21	0
Minnesota	127	45	31	35	5	10	1
Mississippi	32	5	10	8	1	8	0
Missouri	174	58	68	34	3	9	2
Montana	12	1	0	3	3	5	0
Nebraska	87	33	29	17	5	2	1
Nevada	156	43	67	37	3	6	0
New Hampshire	33	4	16	10	1	2	0
New Jersey	992	349	313	224	55	43	8
New Mexico	789	225	351	144	19	46	4
New York	1,835	663	706	294	85	82	5
North Carolina	331	85	124	83	14	23	2
North Dakota	9	0	5	3	0	1	0

See notes at end of table.

Table 17c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	258	36	128	67	7	17	3
Oklahoma	204	34	116	41	4	9	0
Oregon	149	33	62	39	5	10	0
Pennsylvania	492	144	203	88	21	31	5
Rhode Island	65	28	26	6	3	2	0
South Carolina	86	12	32	30	5	6	1
South Dakota	11	6	3	1	1	0	0
Tennessee	134	26	53	36	3	16	0
Texas	6,639	1,267	3,008	1,602	339	263	160
Utah	139	34	60	31	5	9	0
Vermont	18	7	5	5	1	0	0
Virginia	373	122	130	83	12	26	0
Washington	381	111	152	77	9	30	2
West Virginia	25	2	12	6	0	3	2
Wisconsin	207	50	90	49	3	15	0
Wyoming	18	0	10	7	0	1	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 17d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	24.6	45.0	20.2	4.2	5.1	1.0
Alabama	100.0	20.5	43.8	25.0	1.8	8.9	0.0
Alaska	100.0	0.0	60.0	20.0	20.0	0.0	0.0
Arizona	100.0	38.3	33.1	13.3	2.2	8.3	4.7
Arkansas	100.0	20.6	47.1	25.0	2.9	4.4	0.0
California	100.0	20.9	47.3	19.7	6.3	5.6	0.2
Colorado	100.0	24.5	44.5	21.5	4.1	5.3	0.2
Connecticut	100.0	7.6	45.4	31.1	5.9	9.7	0.4
Delaware	100.0	4.0	68.0	16.0	4.0	8.0	0.0
District of Columbia	100.0	30.0	45.4	16.9	4.6	3.1	0.0
Florida	100.0	22.0	57.1	16.3	1.4	3.0	0.3
Georgia	100.0	27.4	48.3	18.1	1.7	4.0	0.5
Hawaii	100.0	34.3	11.4	20.0	0.0	5.7	28.6
Idaho	100.0	19.4	49.3	29.9	0.0	1.5	0.0
Illinois	100.0	41.7	34.3	15.0	3.9	5.0	0.1
Indiana	100.0	13.9	49.1	25.7	5.2	5.7	0.4
Iowa	100.0	15.7	42.7	27.0	5.6	9.0	0.0
Kansas	100.0	15.8	64.2	15.8	0.5	3.2	0.5
Kentucky	100.0	36.8	40.8	13.2	2.6	6.6	0.0
Louisiana	100.0	24.8	36.6	29.7	2.8	5.5	0.7
Maine	100.0	0.0	10.0	65.0	10.0	15.0	0.0
Maryland	100.0	29.5	39.4	19.6	3.8	7.0	0.8
Massachusetts	100.0	20.0	47.0	21.1	3.4	7.3	1.3
Michigan	100.0	26.1	48.3	14.8	5.3	5.5	0.0
Minnesota	100.0	35.4	24.4	27.6	3.9	7.9	0.8
Mississippi	100.0	15.6	31.3	25.0	3.1	25.0	0.0
Missouri	100.0	33.3	39.1	19.5	1.7	5.2	1.1
Montana	100.0	8.3	0.0	25.0	25.0	41.7	0.0
Nebraska	100.0	37.9	33.3	19.5	5.7	2.3	1.1
Nevada	100.0	27.6	42.9	23.7	1.9	3.8	0.0
New Hampshire	100.0	12.1	48.5	30.3	3.0	6.1	0.0
New Jersey	100.0	35.2	31.6	22.6	5.5	4.3	0.8
New Mexico	100.0	28.5	44.5	18.3	2.4	5.8	0.5
New York	100.0	36.1	38.5	16.0	4.6	4.5	0.3
North Carolina	100.0	25.7	37.5	25.1	4.2	6.9	0.6
North Dakota	100.0	0.0	55.6	33.3	0.0	11.1	0.0

See notes at end of table.

Table 17d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	14.0	49.6	26.0	2.7	6.6	1.2
Oklahoma	100.0	16.7	56.9	20.1	2.0	4.4	0.0
Oregon	100.0	22.1	41.6	26.2	3.4	6.7	0.0
Pennsylvania	100.0	29.3	41.3	17.9	4.3	6.3	1.0
Rhode Island	100.0	43.1	40.0	9.2	4.6	3.1	0.0
South Carolina	100.0	14.0	37.2	34.9	5.8	7.0	1.2
South Dakota	100.0	54.5	27.3	9.1	9.1	0.0	0.0
Tennessee	100.0	19.4	39.6	26.9	2.2	11.9	0.0
Texas	100.0	19.1	45.3	24.1	5.1	4.0	2.4
Utah	100.0	24.5	43.2	22.3	3.6	6.5	0.0
Vermont	100.0	38.9	27.8	27.8	5.6	0.0	0.0
Virginia	100.0	32.7	34.9	22.3	3.2	7.0	0.0
Washington	100.0	29.1	39.9	20.2	2.4	7.9	0.5
West Virginia	100.0	8.0	48.0	24.0	0.0	12.0	8.0
Wisconsin	100.0	24.2	43.5	23.7	1.4	7.2	0.0
Wyoming	100.0	0.0	55.6	38.9	0.0	5.6	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 17e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	27.7	-0.7	24.6	79.4	63.4	67.3	66.7
Alabama	100.0	27.8	133.3	154.5	100.0	†	-100.0
Alaska	-33.3	†	-50.0	0.0	100.0	†	†
Arizona	64.6	223.9	-16.8	102.2	121.4	422.7	†
Arkansas	106.1	55.6	146.2	142.9	0.0	50.0	†
California	12.6	16.2	-8.0	80.8	49.1	49.8	-70.6
Colorado	23.3	-2.6	27.2	42.4	66.7	88.2	-75.0
Connecticut	55.6	-61.7	96.4	208.3	40.0	35.3	†
Delaware	-19.4	-90.0	112.5	-55.6	†	-50.0	†
District of Columbia	54.8	-31.6	293.3	144.4	500.0	100.0	†
Florida	32.4	-44.4	120.6	113.9	103.7	67.1	†
Georgia	110.0	76.9	113.7	153.3	40.0	240.0	†
Hawaii	84.2	9.1	33.3	133.3	†	0.0	†
Idaho	86.1	30.0	83.3	185.7	†	0.0	†
Illinois	-12.3	-32.4	-9.4	40.0	158.8	124.0	†
Indiana	27.1	3.2	17.7	96.7	140.0	-18.8	-66.7
Iowa	45.9	-6.7	72.7	50.0	0.0	166.7	†
Kansas	14.5	-11.8	22.0	57.9	-66.7	-40.0	†
Kentucky	117.1	250.0	47.6	66.7	†	†	†
Louisiana	5.1	5.9	-7.0	30.3	-33.3	0.0	†
Maine	42.9	-100.0	-33.3	85.7	0.0	†	†
Maryland	61.5	37.5	75.0	97.3	55.6	23.8	†
Massachusetts	35.5	40.4	31.8	41.9	-8.7	43.8	300.0
Michigan	55.3	241.4	30.7	12.0	566.7	-4.5	†
Minnesota	33.7	-2.2	29.2	150.0	-16.7	100.0	†
Mississippi	190.9	†	25.0	300.0	†	700.0	†
Missouri	7.4	-15.9	33.3	-2.9	200.0	50.0	†
Montana	-7.7	-50.0	-100.0	0.0	†	400.0	†
Nebraska	128.9	135.7	222.2	88.9	150.0	-50.0	†
Nevada	178.6	258.3	272.2	117.6	-40.0	50.0	†
New Hampshire	83.3	-42.9	700.0	42.9	-50.0	†	†
New Jersey	-15.5	-37.6	-21.4	37.4	89.7	87.0	300.0
New Mexico	1.3	12.5	-17.2	33.3	-9.5	91.7	100.0
New York	5.2	-11.5	2.9	41.3	63.5	67.3	400.0
North Carolina	49.1	37.1	31.9	72.9	7.7	360.0	†
North Dakota	125.0	-100.0	400.0	50.0	†	†	†

See notes at end of table.

Table 17e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	47.4	-16.3	91.0	55.8	0.0	13.3	†
Oklahoma	60.6	142.9	63.4	51.9	100.0	-30.8	†
Oregon	98.7	73.7	169.6	85.7	25.0	25.0	†
Pennsylvania	39.0	58.2	12.8	51.7	133.3	93.8	†
Rhode Island	-11.0	12.0	-16.1	-60.0	50.0	†	†
South Carolina	43.3	-20.0	39.1	66.7	†	50.0	†
South Dakota	-8.3	0.0	-40.0	0.0	†	†	†
Tennessee	78.7	8.3	103.8	89.5	0.0	433.3	†
Texas	48.1	12.1	44.8	107.0	76.6	47.8	20.3
Utah	85.3	36.0	140.0	106.7	25.0	50.0	†
Vermont	100.0	250.0	†	-16.7	†	-100.0	†
Virginia	75.9	96.8	42.9	112.8	200.0	62.5	†
Washington	81.4	85.0	53.5	120.0	80.0	172.7	†
West Virginia	31.6	0.0	33.3	20.0	†	0.0	†
Wisconsin	75.4	108.3	104.5	48.5	-25.0	15.4	†
Wyoming	5.9	†	-28.6	133.3	†	†	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 18a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	236,169	64,918	96,421	45,927	10,156	17,888	859
Alabama	3,578	876	1,711	667	126	179	19
Alaska	458	102	216	95	15	30	0
Arizona	3,973	942	1,969	680	82	300	0
Arkansas	2,982	1,360	1,006	384	84	148	0
California	15,683	3,727	6,659	3,010	791	1,461	35
Colorado	5,889	1,954	2,034	1,170	240	470	21
Connecticut	2,157	450	793	502	185	219	8
Delaware	655	152	265	172	8	56	2
District of Columbia	1,051	492	241	236	29	53	0
Florida	8,179	2,668	3,596	1,249	209	452	5
Georgia	4,886	1,451	2,007	973	172	280	3
Hawaii	305	124	54	80	16	26	5
Idaho	1,447	372	608	310	48	109	0
Illinois	10,992	3,479	4,047	2,171	499	781	15
Indiana	6,427	1,161	3,295	1,108	297	536	30
Iowa	3,720	1,015	1,427	857	188	225	8
Kansas	3,258	816	1,286	807	125	208	16
Kentucky	3,146	639	1,415	663	166	236	27
Louisiana	3,863	1,165	1,666	710	101	190	31
Maine	1,035	154	418	288	43	127	5
Maryland	4,671	1,558	1,515	1,059	222	317	0
Massachusetts	6,988	1,346	3,018	1,480	379	740	25
Michigan	10,497	1,537	6,100	1,707	352	788	13
Minnesota	5,828	2,059	1,973	1,049	252	489	6
Mississippi	1,738	257	782	387	97	215	0
Missouri	6,400	2,306	2,480	1,014	223	368	9
Montana	1,107	130	487	283	65	140	2
Nebraska	2,235	834	800	356	87	146	12
Nevada	539	135	230	110	22	42	0
New Hampshire	1,296	519	303	321	59	88	6
New Jersey	6,061	2,984	1,524	991	234	323	5
New Mexico	908	196	378	163	44	123	4
New York	14,267	4,873	4,864	2,641	736	1,114	39
North Carolina	7,555	2,216	2,572	1,739	372	656	0
North Dakota	1,082	219	588	182	26	67	0

See notes at end of table.

Table 18a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	11,340	2,899	5,137	2,010	437	814	43
Oklahoma	2,852	655	1,189	633	131	236	8
Oregon	2,345	399	1,005	550	131	253	7
Pennsylvania	17,001	5,023	7,055	2,957	725	1,213	28
Rhode Island	1,462	532	501	264	65	91	9
South Carolina	3,216	829	1,116	850	151	260	10
South Dakota	1,117	242	563	213	39	60	0
Tennessee	3,557	498	1,702	861	177	306	13
Texas	13,445	3,246	5,726	2,637	632	868	336
Utah	3,660	923	1,393	919	142	268	15
Vermont	626	148	191	196	31	58	2
Virginia	6,552	1,663	2,487	1,369	323	709	1
Washington	5,003	1,331	2,230	853	185	396	8
West Virginia	2,025	593	892	331	57	150	2
Wisconsin	6,600	1,592	2,684	1,552	300	446	26
Wyoming	512	77	223	118	36	58	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 18b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	27.5	40.8	19.4	4.3	7.6	0.4
Alabama	100.0	24.5	47.8	18.6	3.5	5.0	0.5
Alaska	100.0	22.3	47.2	20.7	3.3	6.6	0.0
Arizona	100.0	23.7	49.6	17.1	2.1	7.6	0.0
Arkansas	100.0	45.6	33.7	12.9	2.8	5.0	0.0
California	100.0	23.8	42.5	19.2	5.0	9.3	0.2
Colorado	100.0	33.2	34.5	19.9	4.1	8.0	0.4
Connecticut	100.0	20.9	36.8	23.3	8.6	10.2	0.4
Delaware	100.0	23.2	40.5	26.3	1.2	8.5	0.3
District of Columbia	100.0	46.8	22.9	22.5	2.8	5.0	0.0
Florida	100.0	32.6	44.0	15.3	2.6	5.5	0.1
Georgia	100.0	29.7	41.1	19.9	3.5	5.7	0.1
Hawaii	100.0	40.7	17.7	26.2	5.2	8.5	1.6
Idaho	100.0	25.7	42.0	21.4	3.3	7.5	0.0
Illinois	100.0	31.7	36.8	19.8	4.5	7.1	0.1
Indiana	100.0	18.1	51.3	17.2	4.6	8.3	0.5
Iowa	100.0	27.3	38.4	23.0	5.1	6.0	0.2
Kansas	100.0	25.0	39.5	24.8	3.8	6.4	0.5
Kentucky	100.0	20.3	45.0	21.1	5.3	7.5	0.9
Louisiana	100.0	30.2	43.1	18.4	2.6	4.9	0.8
Maine	100.0	14.9	40.4	27.8	4.2	12.3	0.5
Maryland	100.0	33.4	32.4	22.7	4.8	6.8	0.0
Massachusetts	100.0	19.3	43.2	21.2	5.4	10.6	0.4
Michigan	100.0	14.6	58.1	16.3	3.4	7.5	0.1
Minnesota	100.0	35.3	33.9	18.0	4.3	8.4	0.1
Mississippi	100.0	14.8	45.0	22.3	5.6	12.4	0.0
Missouri	100.0	36.0	38.8	15.8	3.5	5.8	0.1
Montana	100.0	11.7	44.0	25.6	5.9	12.6	0.2
Nebraska	100.0	37.3	35.8	15.9	3.9	6.5	0.5
Nevada	100.0	25.0	42.7	20.4	4.1	7.8	0.0
New Hampshire	100.0	40.0	23.4	24.8	4.6	6.8	0.5
New Jersey	100.0	49.2	25.1	16.4	3.9	5.3	0.1
New Mexico	100.0	21.6	41.6	18.0	4.8	13.5	0.4
New York	100.0	34.2	34.1	18.5	5.2	7.8	0.3
North Carolina	100.0	29.3	34.0	23.0	4.9	8.7	0.0
North Dakota	100.0	20.2	54.3	16.8	2.4	6.2	0.0

See notes at end of table.

Table 18b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	25.6	45.3	17.7	3.9	7.2	0.4
Oklahoma	100.0	23.0	41.7	22.2	4.6	8.3	0.3
Oregon	100.0	17.0	42.9	23.5	5.6	10.8	0.3
Pennsylvania	100.0	29.5	41.5	17.4	4.3	7.1	0.2
Rhode Island	100.0	36.4	34.3	18.1	4.4	6.2	0.6
South Carolina	100.0	25.8	34.7	26.4	4.7	8.1	0.3
South Dakota	100.0	21.7	50.4	19.1	3.5	5.4	0.0
Tennessee	100.0	14.0	47.8	24.2	5.0	8.6	0.4
Texas	100.0	24.1	42.6	19.6	4.7	6.5	2.5
Utah	100.0	25.2	38.1	25.1	3.9	7.3	0.4
Vermont	100.0	23.6	30.5	31.3	5.0	9.3	0.3
Virginia	100.0	25.4	38.0	20.9	4.9	10.8	#
Washington	100.0	26.6	44.6	17.0	3.7	7.9	0.2
West Virginia	100.0	29.3	44.0	16.3	2.8	7.4	0.1
Wisconsin	100.0	24.1	40.7	23.5	4.5	6.8	0.4
Wyoming	100.0	15.0	43.6	23.0	7.0	11.3	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 18c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	248,595	52,747	102,133	57,502	13,846	20,696	1,671
Alabama	3,533	534	1,687	912	190	207	3
Alaska	388	40	184	97	16	51	0
Arizona	7,268	3,421	1,684	1,051	150	534	428
Arkansas	2,054	416	947	430	91	169	1
California	16,048	3,188	5,763	4,167	1,157	1,749	24
Colorado	6,209	1,266	2,756	1,319	332	517	19
Connecticut	2,651	217	1,065	777	295	278	19
Delaware	716	128	342	172	20	50	4
District of Columbia	1,390	431	567	254	71	67	0
Florida	9,427	2,024	4,496	1,934	292	579	102
Georgia	6,279	1,817	2,407	1,365	258	407	25
Hawaii	341	65	50	134	12	51	29
Idaho	1,634	309	696	428	68	133	0
Illinois	9,968	2,603	3,592	2,118	784	863	8
Indiana	6,965	1,141	3,480	1,381	403	552	8
Iowa	3,595	584	1,575	976	217	234	9
Kansas	2,780	448	1,352	637	114	213	16
Kentucky	4,839	988	2,524	833	203	276	15
Louisiana	3,450	690	1,647	819	101	179	14
Maine	1,187	73	508	426	60	113	7
Maryland	4,811	1,520	1,497	1,127	277	366	24
Massachusetts	7,290	1,237	2,931	1,837	511	743	31
Michigan	12,168	2,250	6,268	2,301	492	787	70
Minnesota	6,044	1,313	2,133	1,639	325	611	23
Mississippi	1,867	231	816	439	88	293	0
Missouri	6,146	1,378	2,553	1,496	282	413	24
Montana	1,106	111	486	307	72	130	0
Nebraska	2,408	677	868	583	117	156	7
Nevada	849	183	355	205	37	68	1
New Hampshire	1,162	204	495	265	72	123	3
New Jersey	4,378	974	1,507	1,087	445	346	19
New Mexico	1,209	266	526	198	61	143	15
New York	14,303	2,864	5,482	3,441	1,138	1,305	73
North Carolina	8,091	1,716	3,067	1,978	410	837	83
North Dakota	1,140	164	651	219	48	58	0

See notes at end of table.

Table 18c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	11,949	2,636	5,604	2,402	473	766	68
Oklahoma	3,489	764	1,541	802	152	228	2
Oregon	2,906	550	1,122	738	206	290	0
Pennsylvania	15,697	3,297	6,501	3,368	1,076	1,424	31
Rhode Island	1,328	352	479	310	86	98	3
South Carolina	3,320	642	1,122	1,055	177	310	14
South Dakota	1,165	206	593	248	46	71	1
Tennessee	4,166	721	1,869	936	222	396	22
Texas	14,351	2,435	6,187	3,500	895	965	369
Utah	4,065	946	1,518	1,044	192	341	24
Vermont	822	132	283	261	76	70	0
Virginia	6,572	1,638	2,368	1,519	348	698	1
Washington	5,715	1,344	2,340	1,106	254	660	11
West Virginia	1,720	234	797	453	54	177	5
Wisconsin	7,087	1,316	2,593	2,265	351	546	16
Wyoming	549	63	259	143	29	55	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 18d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	21.2	41.1	23.1	5.6	8.3	0.7
Alabama	100.0	15.1	47.7	25.8	5.4	5.9	0.1
Alaska	100.0	10.3	47.4	25.0	4.1	13.1	0.0
Arizona	100.0	47.1	23.2	14.5	2.1	7.3	5.9
Arkansas	100.0	20.3	46.1	20.9	4.4	8.2	#
California	100.0	19.9	35.9	26.0	7.2	10.9	0.1
Colorado	100.0	20.4	44.4	21.2	5.3	8.3	0.3
Connecticut	100.0	8.2	40.2	29.3	11.1	10.5	0.7
Delaware	100.0	17.9	47.8	24.0	2.8	7.0	0.6
District of Columbia	100.0	31.0	40.8	18.3	5.1	4.8	0.0
Florida	100.0	21.5	47.7	20.5	3.1	6.1	1.1
Georgia	100.0	28.9	38.3	21.7	4.1	6.5	0.4
Hawaii	100.0	19.1	14.7	39.3	3.5	15.0	8.5
Idaho	100.0	18.9	42.6	26.2	4.2	8.1	0.0
Illinois	100.0	26.1	36.0	21.2	7.9	8.7	0.1
Indiana	100.0	16.4	50.0	19.8	5.8	7.9	0.1
Iowa	100.0	16.2	43.8	27.1	6.0	6.5	0.3
Kansas	100.0	16.1	48.6	22.9	4.1	7.7	0.6
Kentucky	100.0	20.4	52.2	17.2	4.2	5.7	0.3
Louisiana	100.0	20.0	47.7	23.7	2.9	5.2	0.4
Maine	100.0	6.1	42.8	35.9	5.1	9.5	0.6
Maryland	100.0	31.6	31.1	23.4	5.8	7.6	0.5
Massachusetts	100.0	17.0	40.2	25.2	7.0	10.2	0.4
Michigan	100.0	18.5	51.5	18.9	4.0	6.5	0.6
Minnesota	100.0	21.7	35.3	27.1	5.4	10.1	0.4
Mississippi	100.0	12.4	43.7	23.5	4.7	15.7	0.0
Missouri	100.0	22.4	41.5	24.3	4.6	6.7	0.4
Montana	100.0	10.0	43.9	27.8	6.5	11.8	0.0
Nebraska	100.0	28.1	36.0	24.2	4.9	6.5	0.3
Nevada	100.0	21.6	41.8	24.1	4.4	8.0	0.1
New Hampshire	100.0	17.6	42.6	22.8	6.2	10.6	0.3
New Jersey	100.0	22.2	34.4	24.8	10.2	7.9	0.4
New Mexico	100.0	22.0	43.5	16.4	5.0	11.8	1.2
New York	100.0	20.0	38.3	24.1	8.0	9.1	0.5
North Carolina	100.0	21.2	37.9	24.4	5.1	10.3	1.0
North Dakota	100.0	14.4	57.1	19.2	4.2	5.1	0.0

See notes at end of table.

Table 18d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	22.1	46.9	20.1	4.0	6.4	0.6
Oklahoma	100.0	21.9	44.2	23.0	4.4	6.5	0.1
Oregon	100.0	18.9	38.6	25.4	7.1	10.0	0.0
Pennsylvania	100.0	21.0	41.4	21.5	6.9	9.1	0.2
Rhode Island	100.0	26.5	36.1	23.3	6.5	7.4	0.2
South Carolina	100.0	19.3	33.8	31.8	5.3	9.3	0.4
South Dakota	100.0	17.7	50.9	21.3	3.9	6.1	0.1
Tennessee	100.0	17.3	44.9	22.5	5.3	9.5	0.5
Texas	100.0	17.0	43.1	24.4	6.2	6.7	2.6
Utah	100.0	23.3	37.3	25.7	4.7	8.4	0.6
Vermont	100.0	16.1	34.4	31.8	9.2	8.5	0.0
Virginia	100.0	24.9	36.0	23.1	5.3	10.6	#
Washington	100.0	23.5	40.9	19.4	4.4	11.5	0.2
West Virginia	100.0	13.6	46.3	26.3	3.1	10.3	0.3
Wisconsin	100.0	18.6	36.6	32.0	5.0	7.7	0.2
Wyoming	100.0	11.5	47.2	26.0	5.3	10.0	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 18e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	5.3	-18.7	5.9	25.2	36.3	15.7	94.5
Alabama	-1.3	-39.0	-1.4	36.7	50.8	15.6	-84.2
Alaska	-15.3	-60.8	-14.8	2.1	6.7	70.0	†
Arizona	82.9	263.2	-14.5	54.6	82.9	78.0	†
Arkansas	-31.1	-69.4	-5.9	12.0	8.3	14.2	†
California	2.3	-14.5	-13.5	38.4	46.3	19.7	-31.4
Colorado	5.4	-35.2	35.5	12.7	38.3	10.0	-9.5
Connecticut	22.9	-51.8	34.3	54.8	59.5	26.9	137.5
Delaware	9.3	-15.8	29.1	0.0	150.0	-10.7	100.0
District of Columbia	32.3	-12.4	135.3	7.6	144.8	26.4	†
Florida	15.3	-24.1	25.0	54.8	39.7	28.1	1,940.0
Georgia	28.5	25.2	19.9	40.3	50.0	45.4	733.3
Hawaii	11.8	-47.6	-7.4	67.5	-25.0	96.2	480.0
Idaho	12.9	-16.9	14.5	38.1	41.7	22.0	†
Illinois	-9.3	-25.2	-11.2	-2.4	57.1	10.5	-46.7
Indiana	8.4	-1.7	5.6	24.6	35.7	3.0	-73.3
Iowa	-3.4	-42.5	10.4	13.9	15.4	4.0	12.5
Kansas	-14.7	-45.1	5.1	-21.1	-8.8	2.4	0.0
Kentucky	53.8	54.6	78.4	25.6	22.3	16.9	-44.4
Louisiana	-10.7	-40.8	-1.1	15.4	0.0	-5.8	-54.8
Maine	14.7	-52.6	21.5	47.9	39.5	-11.0	40.0
Maryland	3.0	-2.4	-1.2	6.4	24.8	15.5	†
Massachusetts	4.3	-8.1	-2.9	24.1	34.8	0.4	24.0
Michigan	15.9	46.4	2.8	34.8	39.8	-0.1	438.5
Minnesota	3.7	-36.2	8.1	56.2	29.0	24.9	283.3
Mississippi	7.4	-10.1	4.3	13.4	-9.3	36.3	†
Missouri	-4.0	-40.2	2.9	47.5	26.5	12.2	166.7
Montana	-0.1	-14.6	-0.2	8.5	10.8	-7.1	-100.0
Nebraska	7.7	-18.8	8.5	63.8	34.5	6.8	-41.7
Nevada	57.5	35.6	54.3	86.4	68.2	61.9	†
New Hampshire	-10.3	-60.7	63.4	-17.4	22.0	39.8	-50.0
New Jersey	-27.8	-67.4	-1.1	9.7	90.2	7.1	280.0
New Mexico	33.1	35.7	39.2	21.5	38.6	16.3	275.0
New York	0.3	-41.2	12.7	30.3	54.6	17.1	87.2
North Carolina	7.1	-22.6	19.2	13.7	10.2	27.6	†
North Dakota	5.4	-25.1	10.7	20.3	84.6	-13.4	†

See notes at end of table.

Table 18e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	5.4	-9.1	9.1	19.5	8.2	-5.9	58.1
Oklahoma	22.3	16.6	29.6	26.7	16.0	-3.4	-75.0
Oregon	23.9	37.8	11.6	34.2	57.3	14.6	-100.0
Pennsylvania	-7.7	-34.4	-7.9	13.9	48.4	17.4	10.7
Rhode Island	-9.2	-33.8	-4.4	17.4	32.3	7.7	-66.7
South Carolina	3.2	-22.6	0.5	24.1	17.2	19.2	40.0
South Dakota	4.3	-14.9	5.3	16.4	17.9	18.3	†
Tennessee	17.1	44.8	9.8	8.7	25.4	29.4	69.2
Texas	6.7	-25.0	8.1	32.7	41.6	11.2	9.8
Utah	11.1	2.5	9.0	13.6	35.2	27.2	60.0
Vermont	31.3	-10.8	48.2	33.2	145.2	20.7	-100.0
Virginia	0.3	-1.5	-4.8	11.0	7.7	-1.6	0.0
Washington	14.2	1.0	4.9	29.7	37.3	66.7	37.5
West Virginia	-15.1	-60.5	-10.7	36.9	-5.3	18.0	150.0
Wisconsin	7.4	-17.3	-3.4	45.9	17.0	22.4	-38.5
Wyoming	7.2	-18.2	16.1	21.2	-19.4	-5.2	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 19a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of Two or more races at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	495	150	196	90	23	35	1
Alabama	1	1	0	0	0	0	0
Alaska	0	0	0	0	0	0	0
Arizona	43	7	20	12	1	3	0
Arkansas	0	0	0	0	0	0	0
California	50	27	13	7	0	3	0
Colorado	23	18	5	0	0	0	0
Connecticut	0	0	0	0	0	0	0
Delaware	1	0	1	0	0	0	0
District of Columbia	0	0	0	0	0	0	0
Florida	11	7	4	0	0	0	0
Georgia	53	2	40	6	2	3	0
Hawaii	0	0	0	0	0	0	0
Idaho	0	0	0	0	0	0	0
Illinois	34	24	7	1	2	0	0
Indiana	1	0	0	1	0	0	0
Iowa	4	2	1	0	0	1	0
Kansas	1	0	0	1	0	0	0
Kentucky	2	0	2	0	0	0	0
Louisiana	0	0	0	0	0	0	0
Maine	0	0	0	0	0	0	0
Maryland	22	0	15	0	3	4	0
Massachusetts	11	1	6	2	2	0	0
Michigan	13	0	8	3	0	2	0
Minnesota	15	4	0	9	0	2	0
Mississippi	0	0	0	0	0	0	0
Missouri	5	3	2	0	0	0	0
Montana	0	0	0	0	0	0	0
Nebraska	8	7	0	1	0	0	0
Nevada	30	3	11	10	1	5	0
New Hampshire	0	0	0	0	0	0	0
New Jersey	23	8	4	9	2	0	0
New Mexico	0	0	0	0	0	0	0
New York	33	10	9	6	3	4	1
North Carolina	0	0	0	0	0	0	0
North Dakota	2	0	2	0	0	0	0

See notes at end of table.

Table 19a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of Two or more races at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	6	3	1	1	0	1	0
Oklahoma	23	2	11	8	1	1	0
Oregon	4	0	4	0	0	0	0
Pennsylvania	18	4	7	3	2	2	0
Rhode Island	5	1	0	2	2	0	0
South Carolina	5	1	1	2	1	0	0
South Dakota	2	2	0	0	0	0	0
Tennessee	0	0	0	0	0	0	0
Texas	15	4	11	0	0	0	0
Utah	0	0	0	0	0	0	0
Vermont	0	0	0	0	0	0	0
Virginia	9	6	1	0	1	1	0
Washington	12	1	5	5	0	1	0
West Virginia	0	0	0	0	0	0	0
Wisconsin	10	2	5	1	0	2	0
Wyoming	0	0	0	0	0	0	0

NOTE: Awards conferred include both degrees and certificates. Two or more races was an optional reporting category for the IPEDS 2009-10 collection year, during which the 2008-09 Completions data were collected, and 771 institutions reported awarding degrees or certificates using this option. The figures reported here should not be considered representative of all completions awarded to individuals who could be classified into Two or more races. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 19b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of Two or more races at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	30.3	39.6	18.2	4.6	7.1	0.2
Alabama	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Alaska	†	†	†	†	†	†	†
Arizona	100.0	16.3	46.5	27.9	2.3	7.0	0.0
Arkansas	†	†	†	†	†	†	†
California	100.0	54.0	26.0	14.0	0.0	6.0	0.0
Colorado	100.0	78.3	21.7	0.0	0.0	0.0	0.0
Connecticut	†	†	†	†	†	†	†
Delaware	100.0	0.0	100.0	0.0	0.0	0.0	0.0
District of Columbia	†	†	†	†	†	†	†
Florida	100.0	63.6	36.4	0.0	0.0	0.0	0.0
Georgia	100.0	3.8	75.5	11.3	3.8	5.7	0.0
Hawaii	†	†	†	†	†	†	†
Idaho	†	†	†	†	†	†	†
Illinois	100.0	70.6	20.6	2.9	5.9	0.0	0.0
Indiana	100.0	0.0	0.0	100.0	0.0	0.0	0.0
Iowa	100.0	50.0	25.0	0.0	0.0	25.0	0.0
Kansas	100.0	0.0	0.0	100.0	0.0	0.0	0.0
Kentucky	100.0	0.0	100.0	0.0	0.0	0.0	0.0
Louisiana	†	†	†	†	†	†	†
Maine	†	†	†	†	†	†	†
Maryland	100.0	0.0	68.2	0.0	13.6	18.2	0.0
Massachusetts	100.0	9.1	54.5	18.2	18.2	0.0	0.0
Michigan	100.0	0.0	61.5	23.1	0.0	15.4	0.0
Minnesota	100.0	26.7	0.0	60.0	0.0	13.3	0.0
Mississippi	†	†	†	†	†	†	†
Missouri	100.0	60.0	40.0	0.0	0.0	0.0	0.0
Montana	†	†	†	†	†	†	†
Nebraska	100.0	87.5	0.0	12.5	0.0	0.0	0.0
Nevada	100.0	10.0	36.7	33.3	3.3	16.7	0.0
New Hampshire	†	†	†	†	†	†	†
New Jersey	100.0	34.8	17.4	39.1	8.7	0.0	0.0
New Mexico	†	†	†	†	†	†	†
New York	100.0	30.3	27.3	18.2	9.1	12.1	3.0
North Carolina	†	†	†	†	†	†	†
North Dakota	100.0	0.0	100.0	0.0	0.0	0.0	0.0

See notes at end of table.

Table 19b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of Two or more races at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	50.0	16.7	16.7	0.0	16.7	0.0
Oklahoma	100.0	8.7	47.8	34.8	4.3	4.3	0.0
Oregon	100.0	0.0	100.0	0.0	0.0	0.0	0.0
Pennsylvania	100.0	22.2	38.9	16.7	11.1	11.1	0.0
Rhode Island	100.0	20.0	0.0	40.0	40.0	0.0	0.0
South Carolina	100.0	20.0	20.0	40.0	20.0	0.0	0.0
South Dakota	100.0	100.0	0.0	0.0	0.0	0.0	0.0
Tennessee	†	†	†	†	†	†	†
Texas	100.0	26.7	73.3	0.0	0.0	0.0	0.0
Utah	†	†	†	†	†	†	†
Vermont	†	†	†	†	†	†	†
Virginia	100.0	66.7	11.1	0.0	11.1	11.1	0.0
Washington	100.0	8.3	41.7	41.7	0.0	8.3	0.0
West Virginia	†	†	†	†	†	†	†
Wisconsin	100.0	20.0	50.0	10.0	0.0	20.0	0.0
Wyoming	†	†	†	†	†	†	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Two or more races was an optional reporting category for the IPEDS 2009-10 collection year, during which the 2008-09 Completions data were collected, and 771 institutions reported awarding degrees or certificates using this option. The figures reported here should not be considered representative of all completions awarded to individuals who could be classified into Two or more races. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 20a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	15,460	5,384	5,807	2,380	620	1,243	26
Alabama	50	20	15	10	3	2	0
Alaska	92	83	8	1	0	0	0
Arizona	382	208	163	9	0	2	0
Arkansas	6	0	0	3	0	3	0
California	2,879	904	935	625	173	239	3
Colorado	469	214	180	44	12	19	0
Connecticut	197	70	54	39	15	19	0
Delaware	42	32	3	7	0	0	0
District of Columbia	174	119	19	28	2	6	0
Florida	314	196	88	23	1	6	0
Georgia	119	44	55	13	5	2	0
Hawaii	101	18	25	35	5	17	1
Idaho	42	13	16	6	1	6	0
Illinois	350	124	110	79	16	21	0
Indiana	178	58	76	18	12	14	0
Iowa	99	14	36	35	5	9	0
Kansas	180	113	30	19	5	13	0
Kentucky	21	4	8	5	1	3	0
Louisiana	94	17	42	21	4	10	0
Maine	36	6	24	3	0	3	0
Maryland	170	50	51	53	8	8	0
Massachusetts	1,299	278	452	205	63	295	6
Michigan	539	105	306	74	6	47	1
Minnesota	373	189	141	23	4	16	0
Mississippi	12	4	7	0	1	0	0
Missouri	281	108	106	38	11	17	1
Montana	80	16	35	21	2	6	0
Nebraska	42	14	11	7	2	8	0
Nevada	79	29	26	12	2	10	0
New Hampshire	247	124	74	29	10	10	0
New Jersey	655	257	207	114	28	48	1
New Mexico	286	45	167	40	10	22	2
New York	2,368	979	935	288	79	82	5
North Carolina	121	42	36	32	5	6	0
North Dakota	0	0	0	0	0	0	0

See notes at end of table.

Table 20a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	305	87	127	43	14	32	2
Oklahoma	10	0	7	2	0	1	0
Oregon	233	31	113	46	14	29	0
Pennsylvania	1,051	366	528	78	20	59	0
Rhode Island	65	18	24	16	4	2	1
South Carolina	59	15	30	11	2	1	0
South Dakota	17	8	4	5	0	0	0
Tennessee	49	10	21	11	4	3	0
Texas	230	60	83	41	20	25	1
Utah	176	42	69	34	5	24	2
Vermont	58	13	8	9	4	24	0
Virginia	181	40	77	28	12	24	0
Washington	508	137	212	84	29	46	0
West Virginia	5	1	1	3	0	0	0
Wisconsin	107	53	48	6	0	0	0
Wyoming	29	6	14	4	1	4	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 20b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	34.8	37.6	15.4	4.0	8.0	0.2
Alabama	100.0	40.0	30.0	20.0	6.0	4.0	0.0
Alaska	100.0	90.2	8.7	1.1	0.0	0.0	0.0
Arizona	100.0	54.5	42.7	2.4	0.0	0.5	0.0
Arkansas	100.0	0.0	0.0	50.0	0.0	50.0	0.0
California	100.0	31.4	32.5	21.7	6.0	8.3	0.1
Colorado	100.0	45.6	38.4	9.4	2.6	4.1	0.0
Connecticut	100.0	35.5	27.4	19.8	7.6	9.6	0.0
Delaware	100.0	76.2	7.1	16.7	0.0	0.0	0.0
District of Columbia	100.0	68.4	10.9	16.1	1.1	3.4	0.0
Florida	100.0	62.4	28.0	7.3	0.3	1.9	0.0
Georgia	100.0	37.0	46.2	10.9	4.2	1.7	0.0
Hawaii	100.0	17.8	24.8	34.7	5.0	16.8	1.0
Idaho	100.0	31.0	38.1	14.3	2.4	14.3	0.0
Illinois	100.0	35.4	31.4	22.6	4.6	6.0	0.0
Indiana	100.0	32.6	42.7	10.1	6.7	7.9	0.0
Iowa	100.0	14.1	36.4	35.4	5.1	9.1	0.0
Kansas	100.0	62.8	16.7	10.6	2.8	7.2	0.0
Kentucky	100.0	19.0	38.1	23.8	4.8	14.3	0.0
Louisiana	100.0	18.1	44.7	22.3	4.3	10.6	0.0
Maine	100.0	16.7	66.7	8.3	0.0	8.3	0.0
Maryland	100.0	29.4	30.0	31.2	4.7	4.7	0.0
Massachusetts	100.0	21.4	34.8	15.8	4.8	22.7	0.5
Michigan	100.0	19.5	56.8	13.7	1.1	8.7	0.2
Minnesota	100.0	50.7	37.8	6.2	1.1	4.3	0.0
Mississippi	100.0	33.3	58.3	0.0	8.3	0.0	0.0
Missouri	100.0	38.4	37.7	13.5	3.9	6.0	0.4
Montana	100.0	20.0	43.8	26.3	2.5	7.5	0.0
Nebraska	100.0	33.3	26.2	16.7	4.8	19.0	0.0
Nevada	100.0	36.7	32.9	15.2	2.5	12.7	0.0
New Hampshire	100.0	50.2	30.0	11.7	4.0	4.0	0.0
New Jersey	100.0	39.2	31.6	17.4	4.3	7.3	0.2
New Mexico	100.0	15.7	58.4	14.0	3.5	7.7	0.7
New York	100.0	41.3	39.5	12.2	3.3	3.5	0.2
North Carolina	100.0	34.7	29.8	26.4	4.1	5.0	0.0
North Dakota	†	†	†	†	†	†	†

See notes at end of table.

Table 20b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	28.5	41.6	14.1	4.6	10.5	0.7
Oklahoma	100.0	0.0	70.0	20.0	0.0	10.0	0.0
Oregon	100.0	13.3	48.5	19.7	6.0	12.4	0.0
Pennsylvania	100.0	34.8	50.2	7.4	1.9	5.6	0.0
Rhode Island	100.0	27.7	36.9	24.6	6.2	3.1	1.5
South Carolina	100.0	25.4	50.8	18.6	3.4	1.7	0.0
South Dakota	100.0	47.1	23.5	29.4	0.0	0.0	0.0
Tennessee	100.0	20.4	42.9	22.4	8.2	6.1	0.0
Texas	100.0	26.1	36.1	17.8	8.7	10.9	0.4
Utah	100.0	23.9	39.2	19.3	2.8	13.6	1.1
Vermont	100.0	22.4	13.8	15.5	6.9	41.4	0.0
Virginia	100.0	22.1	42.5	15.5	6.6	13.3	0.0
Washington	100.0	27.0	41.7	16.5	5.7	9.1	0.0
West Virginia	100.0	20.0	20.0	60.0	0.0	0.0	0.0
Wisconsin	100.0	49.5	44.9	5.6	0.0	0.0	0.0
Wyoming	100.0	20.7	48.3	13.8	3.4	13.8	0.0

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 20c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	26,228	8,216	9,258	5,357	1,385	1,868	144
Alabama	269	37	168	51	7	6	0
Alaska	11	0	10	0	0	1	0
Arizona	1,614	1,157	253	101	14	50	39
Arkansas	29	5	13	8	2	1	0
California	4,482	980	1,623	1,166	317	389	7
Colorado	667	205	247	119	51	45	0
Connecticut	420	24	195	109	41	43	8
Delaware	49	29	9	8	1	1	1
District of Columbia	369	129	153	64	9	14	0
Florida	784	239	299	188	12	45	1
Georgia	262	87	45	86	20	19	5
Hawaii	17	8	2	2	0	0	5
Idaho	68	13	25	17	5	8	0
Illinois	889	348	198	204	62	77	0
Indiana	382	120	174	55	16	17	0
Iowa	748	583	87	53	12	11	2
Kansas	183	64	70	33	3	11	2
Kentucky	221	82	104	22	4	7	2
Louisiana	158	32	49	59	5	13	0
Maine	36	8	13	9	2	4	0
Maryland	985	379	320	197	43	43	3
Massachusetts	1,650	379	627	364	102	174	4
Michigan	853	206	457	121	26	39	4
Minnesota	351	200	66	55	11	18	1
Mississippi	46	5	18	18	2	3	0
Missouri	391	80	175	88	20	23	5
Montana	95	8	29	19	15	24	0
Nebraska	153	39	51	34	19	10	0
Nevada	113	41	47	14	7	4	0
New Hampshire	147	45	55	35	6	5	1
New Jersey	766	165	332	170	57	39	3
New Mexico	152	56	62	18	7	9	0
New York	2,609	637	1,021	591	169	186	5
North Carolina	373	84	115	102	22	48	2
North Dakota	19	0	18	1	0	0	0

See notes at end of table.

Table 20c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	859	189	367	170	44	78	11
Oklahoma	95	45	22	15	4	9	0
Oregon	336	69	124	98	18	27	0
Pennsylvania	1,304	488	369	239	90	105	13
Rhode Island	273	65	121	59	15	13	0
South Carolina	215	19	73	84	14	22	3
South Dakota	61	22	22	6	3	8	0
Tennessee	202	31	94	39	14	23	1
Texas	412	106	181	72	20	25	8
Utah	391	209	109	49	7	17	0
Vermont	76	45	11	12	3	5	0
Virginia	700	179	258	176	33	53	1
Washington	746	230	288	114	28	85	1
West Virginia	31	4	7	15	0	0	5
Wisconsin	125	39	67	15	1	2	1
Wyoming	41	2	15	13	2	9	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 20d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	31.3	35.3	20.4	5.3	7.1	0.5
Alabama	100.0	13.8	62.5	19.0	2.6	2.2	0.0
Alaska	100.0	0.0	90.9	0.0	0.0	9.1	0.0
Arizona	100.0	71.7	15.7	6.3	0.9	3.1	2.4
Arkansas	100.0	17.2	44.8	27.6	6.9	3.4	0.0
California	100.0	21.9	36.2	26.0	7.1	8.7	0.2
Colorado	100.0	30.7	37.0	17.8	7.6	6.7	0.0
Connecticut	100.0	5.7	46.4	26.0	9.8	10.2	1.9
Delaware	100.0	59.2	18.4	16.3	2.0	2.0	2.0
District of Columbia	100.0	35.0	41.5	17.3	2.4	3.8	0.0
Florida	100.0	30.5	38.1	24.0	1.5	5.7	0.1
Georgia	100.0	33.2	17.2	32.8	7.6	7.3	1.9
Hawaii	100.0	47.1	11.8	11.8	0.0	0.0	29.4
Idaho	100.0	19.1	36.8	25.0	7.4	11.8	0.0
Illinois	100.0	39.1	22.3	22.9	7.0	8.7	0.0
Indiana	100.0	31.4	45.5	14.4	4.2	4.5	0.0
Iowa	100.0	77.9	11.6	7.1	1.6	1.5	0.3
Kansas	100.0	35.0	38.3	18.0	1.6	6.0	1.1
Kentucky	100.0	37.1	47.1	10.0	1.8	3.2	0.9
Louisiana	100.0	20.3	31.0	37.3	3.2	8.2	0.0
Maine	100.0	22.2	36.1	25.0	5.6	11.1	0.0
Maryland	100.0	38.5	32.5	20.0	4.4	4.4	0.3
Massachusetts	100.0	23.0	38.0	22.1	6.2	10.5	0.2
Michigan	100.0	24.2	53.6	14.2	3.0	4.6	0.5
Minnesota	100.0	57.0	18.8	15.7	3.1	5.1	0.3
Mississippi	100.0	10.9	39.1	39.1	4.3	6.5	0.0
Missouri	100.0	20.5	44.8	22.5	5.1	5.9	1.3
Montana	100.0	8.4	30.5	20.0	15.8	25.3	0.0
Nebraska	100.0	25.5	33.3	22.2	12.4	6.5	0.0
Nevada	100.0	36.3	41.6	12.4	6.2	3.5	0.0
New Hampshire	100.0	30.6	37.4	23.8	4.1	3.4	0.7
New Jersey	100.0	21.5	43.3	22.2	7.4	5.1	0.4
New Mexico	100.0	36.8	40.8	11.8	4.6	5.9	0.0
New York	100.0	24.4	39.1	22.7	6.5	7.1	0.2
North Carolina	100.0	22.5	30.8	27.3	5.9	12.9	0.5
North Dakota	100.0	0.0	94.7	5.3	0.0	0.0	0.0

See notes at end of table.

Table 20d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	22.0	42.7	19.8	5.1	9.1	1.3
Oklahoma	100.0	47.4	23.2	15.8	4.2	9.5	0.0
Oregon	100.0	20.5	36.9	29.2	5.4	8.0	0.0
Pennsylvania	100.0	37.4	28.3	18.3	6.9	8.1	1.0
Rhode Island	100.0	23.8	44.3	21.6	5.5	4.8	0.0
South Carolina	100.0	8.8	34.0	39.1	6.5	10.2	1.4
South Dakota	100.0	36.1	36.1	9.8	4.9	13.1	0.0
Tennessee	100.0	15.3	46.5	19.3	6.9	11.4	0.5
Texas	100.0	25.7	43.9	17.5	4.9	6.1	1.9
Utah	100.0	53.5	27.9	12.5	1.8	4.3	0.0
Vermont	100.0	59.2	14.5	15.8	3.9	6.6	0.0
Virginia	100.0	25.6	36.9	25.1	4.7	7.6	0.1
Washington	100.0	30.8	38.6	15.3	3.8	11.4	0.1
West Virginia	100.0	12.9	22.6	48.4	0.0	0.0	16.1
Wisconsin	100.0	31.2	53.6	12.0	0.8	1.6	0.8
Wyoming	100.0	4.9	36.6	31.7	4.9	22.0	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 20e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	69.7	52.6	59.4	125.1	123.4	50.3	453.8
Alabama	438.0	85.0	1,020.0	410.0	133.3	200.0	†
Alaska	-88.0	-100.0	25.0	-100.0	†	†	†
Arizona	322.5	456.3	55.2	1,022.0	†	2,400.0	†
Arkansas	383.3	†	†	166.7	†	-66.7	†
California	55.7	8.4	73.6	86.6	83.2	62.8	133.3
Colorado	42.2	-4.2	37.2	170.5	325.0	136.8	†
Connecticut	113.2	-65.7	261.1	179.5	173.3	126.3	†
Delaware	16.7	-9.4	200.0	14.3	†	†	†
District of Columbia	112.1	8.4	705.3	128.6	350.0	133.3	†
Florida	149.7	21.9	239.8	717.4	1,100.0	650.0	†
Georgia	120.2	97.7	-18.2	561.5	300.0	850.0	†
Hawaii	-83.2	-55.6	-92.0	-94.3	-100.0	-100.0	400.0
Idaho	61.9	0.0	56.3	183.3	400.0	33.3	†
Illinois	154.0	180.6	80.0	158.2	287.5	266.7	†
Indiana	114.6	106.9	128.9	205.6	33.3	21.4	†
Iowa	655.6	4,064.0	141.7	51.4	140.0	22.2	†
Kansas	1.7	-43.4	133.3	73.7	-40.0	-15.4	†
Kentucky	952.4	1,950.0	1,200.0	340.0	300.0	133.3	†
Louisiana	68.1	88.2	16.7	181.0	25.0	30.0	†
Maine	0.0	33.3	-45.8	200.0	†	33.3	†
Maryland	479.4	658.0	527.5	271.7	437.5	437.5	†
Massachusetts	27.0	36.3	38.7	77.6	61.9	-41.0	-33.3
Michigan	58.3	96.2	49.3	63.5	333.3	-17.0	300.0
Minnesota	-5.9	5.8	-53.2	139.1	175.0	12.5	†
Mississippi	283.3	25.0	157.1	†	100.0	†	†
Missouri	39.1	-25.9	65.1	131.6	81.8	35.3	400.0
Montana	18.8	-50.0	-17.1	-9.5	650.0	300.0	†
Nebraska	264.3	178.6	363.6	385.7	850.0	25.0	†
Nevada	43.0	41.4	80.8	16.7	250.0	-60.0	†
New Hampshire	-40.5	-63.7	-25.7	20.7	-40.0	-50.0	†
New Jersey	16.9	-35.8	60.4	49.1	103.6	-18.8	200.0
New Mexico	-46.9	24.4	-62.9	-55.0	-30.0	-59.1	-100.0
New York	10.2	-34.9	9.2	105.2	113.9	126.8	0.0
North Carolina	208.3	100.0	219.4	218.8	340.0	700.0	†
North Dakota	†	†	†	†	†	†	†

See notes at end of table.

Table 20e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	181.6	117.2	189.0	295.3	214.3	143.8	450.0
Oklahoma	850.0	†	214.3	650.0	†	800.0	†
Oregon	44.2	122.6	9.7	113.0	28.6	-6.9	†
Pennsylvania	24.1	33.3	-30.1	206.4	350.0	78.0	†
Rhode Island	320.0	261.1	404.2	268.8	275.0	550.0	-100.0
South Carolina	264.4	26.7	143.3	663.6	600.0	2,100.0	†
South Dakota	258.8	175.0	450.0	20.0	†	†	†
Tennessee	312.2	210.0	347.6	254.5	250.0	666.7	†
Texas	79.1	76.7	118.1	75.6	0.0	0.0	700.0
Utah	122.2	397.6	58.0	44.1	40.0	-29.2	-100.0
Vermont	31.0	246.2	37.5	33.3	-25.0	-79.2	†
Virginia	286.7	347.5	235.1	528.6	175.0	120.8	†
Washington	46.9	67.9	35.8	35.7	-3.4	84.8	†
West Virginia	520.0	300.0	600.0	400.0	†	†	†
Wisconsin	16.8	-26.4	39.6	150.0	†	†	†
Wyoming	41.4	-66.7	7.1	225.0	100.0	125.0	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 21a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2000–01

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	40,771	12,426	19,603	3,262	2,100	3,339	41
Alabama	527	149	275	40	25	38	0
Alaska	26	4	8	6	0	8	0
Arizona	695	125	449	45	24	52	0
Arkansas	194	76	80	18	5	15	0
California	4,458	1,229	2,421	293	207	294	14
Colorado	530	146	291	26	22	44	1
Connecticut	518	172	188	43	42	73	0
Delaware	122	35	60	7	6	12	2
District of Columbia	642	334	181	80	11	36	0
Florida	1,667	429	974	113	46	105	0
Georgia	991	321	488	71	50	60	1
Hawaii	170	148	2	9	8	2	1
Idaho	69	20	33	6	1	9	0
Illinois	2,064	704	876	155	170	156	3
Indiana	1,036	208	600	75	70	83	0
Iowa	604	129	284	84	69	38	0
Kansas	539	138	299	47	20	35	0
Kentucky	288	85	120	33	17	33	0
Louisiana	558	118	304	36	44	56	0
Maine	50	5	16	12	7	10	0
Maryland	1,066	416	402	126	42	80	0
Massachusetts	2,046	414	1,048	188	121	267	8
Michigan	1,952	498	1,145	107	91	111	0
Minnesota	582	196	254	55	42	35	0
Mississippi	215	37	135	18	9	16	0
Missouri	642	195	317	52	19	58	1
Montana	101	13	66	12	3	7	0
Nebraska	226	125	48	20	11	22	0
Nevada	98	30	48	9	0	11	0
New Hampshire	171	103	33	15	6	14	0
New Jersey	1,631	773	526	152	54	125	1
New Mexico	212	46	120	6	8	32	0
New York	3,639	1,456	1,313	348	156	366	0
North Carolina	715	238	290	88	48	51	0
North Dakota	49	25	17	4	0	3	0

See notes at end of table.

Table 21a. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	1,924	410	1,064	119	136	192	3
Oklahoma	737	241	371	64	26	35	0
Oregon	348	84	184	28	10	42	0
Pennsylvania	1,664	478	820	119	90	157	0
Rhode Island	212	47	75	13	28	49	0
South Carolina	484	118	284	38	13	31	0
South Dakota	113	23	85	3	1	1	0
Tennessee	416	73	198	47	54	44	0
Texas	3,117	1,014	1,560	203	111	225	4
Utah	308	101	126	29	15	36	1
Vermont	38	11	8	8	5	6	0
Virginia	788	301	344	60	32	51	0
Washington	495	153	233	44	26	39	0
West Virginia	218	60	111	15	14	18	0
Wisconsin	765	159	403	70	82	50	1
Wyoming	51	13	26	3	3	6	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 21b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2000–01

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	30.5	48.1	8.0	5.2	8.2	0.1
Alabama	100.0	28.3	52.2	7.6	4.7	7.2	0.0
Alaska	100.0	15.4	30.8	23.1	0.0	30.8	0.0
Arizona	100.0	18.0	64.6	6.5	3.5	7.5	0.0
Arkansas	100.0	39.2	41.2	9.3	2.6	7.7	0.0
California	100.0	27.6	54.3	6.6	4.6	6.6	0.3
Colorado	100.0	27.5	54.9	4.9	4.2	8.3	0.2
Connecticut	100.0	33.2	36.3	8.3	8.1	14.1	0.0
Delaware	100.0	28.7	49.2	5.7	4.9	9.8	1.6
District of Columbia	100.0	52.0	28.2	12.5	1.7	5.6	0.0
Florida	100.0	25.7	58.4	6.8	2.8	6.3	0.0
Georgia	100.0	32.4	49.2	7.2	5.0	6.1	0.1
Hawaii	100.0	87.1	1.2	5.3	4.7	1.2	0.6
Idaho	100.0	29.0	47.8	8.7	1.4	13.0	0.0
Illinois	100.0	34.1	42.4	7.5	8.2	7.6	0.1
Indiana	100.0	20.1	57.9	7.2	6.8	8.0	0.0
Iowa	100.0	21.4	47.0	13.9	11.4	6.3	0.0
Kansas	100.0	25.6	55.5	8.7	3.7	6.5	0.0
Kentucky	100.0	29.5	41.7	11.5	5.9	11.5	0.0
Louisiana	100.0	21.1	54.5	6.5	7.9	10.0	0.0
Maine	100.0	10.0	32.0	24.0	14.0	20.0	0.0
Maryland	100.0	39.0	37.7	11.8	3.9	7.5	0.0
Massachusetts	100.0	20.2	51.2	9.2	5.9	13.0	0.4
Michigan	100.0	25.5	58.7	5.5	4.7	5.7	0.0
Minnesota	100.0	33.7	43.6	9.5	7.2	6.0	0.0
Mississippi	100.0	17.2	62.8	8.4	4.2	7.4	0.0
Missouri	100.0	30.4	49.4	8.1	3.0	9.0	0.2
Montana	100.0	12.9	65.3	11.9	3.0	6.9	0.0
Nebraska	100.0	55.3	21.2	8.8	4.9	9.7	0.0
Nevada	100.0	30.6	49.0	9.2	0.0	11.2	0.0
New Hampshire	100.0	60.2	19.3	8.8	3.5	8.2	0.0
New Jersey	100.0	47.4	32.3	9.3	3.3	7.7	0.1
New Mexico	100.0	21.7	56.6	2.8	3.8	15.1	0.0
New York	100.0	40.0	36.1	9.6	4.3	10.1	0.0
North Carolina	100.0	33.3	40.6	12.3	6.7	7.1	0.0
North Dakota	100.0	51.0	34.7	8.2	0.0	6.1	0.0

See notes at end of table.

Table 21b. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2000–01—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	21.3	55.3	6.2	7.1	10.0	0.2
Oklahoma	100.0	32.7	50.3	8.7	3.5	4.7	0.0
Oregon	100.0	24.1	52.9	8.0	2.9	12.1	0.0
Pennsylvania	100.0	28.7	49.3	7.2	5.4	9.4	0.0
Rhode Island	100.0	22.2	35.4	6.1	13.2	23.1	0.0
South Carolina	100.0	24.4	58.7	7.9	2.7	6.4	0.0
South Dakota	100.0	20.4	75.2	2.7	0.9	0.9	0.0
Tennessee	100.0	17.5	47.6	11.3	13.0	10.6	0.0
Texas	100.0	32.5	50.0	6.5	3.6	7.2	0.1
Utah	100.0	32.8	40.9	9.4	4.9	11.7	0.3
Vermont	100.0	28.9	21.1	21.1	13.2	15.8	0.0
Virginia	100.0	38.2	43.7	7.6	4.1	6.5	0.0
Washington	100.0	30.9	47.1	8.9	5.3	7.9	0.0
West Virginia	100.0	27.5	50.9	6.9	6.4	8.3	0.0
Wisconsin	100.0	20.8	52.7	9.2	10.7	6.5	0.1
Wyoming	100.0	25.5	51.0	5.9	5.9	11.8	0.0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Completions component.

National Center for Education Statistics

Table 21c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	51,308	11,541	25,601	5,886	3,660	4,537	83
Alabama	737	118	424	85	40	70	0
Alaska	41	1	24	5	6	5	0
Arizona	1,042	334	522	65	22	99	0
Arkansas	218	67	73	36	11	31	0
California	5,774	1,243	3,194	598	325	407	7
Colorado	502	94	311	23	28	46	0
Connecticut	1,212	182	790	94	74	70	2
Delaware	143	26	69	7	23	17	1
District of Columbia	382	102	118	122	20	20	0
Florida	2,083	212	1,407	184	104	174	2
Georgia	1,547	423	752	156	95	120	1
Hawaii	159	57	35	32	9	25	1
Idaho	152	24	74	22	14	18	0
Illinois	3,307	1,150	1,428	235	221	268	5
Indiana	1,182	118	671	132	134	126	1
Iowa	694	198	226	106	120	43	1
Kansas	479	76	274	41	22	66	0
Kentucky	421	84	195	69	26	47	0
Louisiana	683	108	362	79	83	51	0
Maine	49	1	20	11	6	11	0
Maryland	986	244	422	169	69	75	7
Massachusetts	2,222	465	986	319	156	288	8
Michigan	1,996	322	1,173	193	145	163	0
Minnesota	662	147	260	101	71	77	6
Mississippi	209	29	107	23	13	37	0
Missouri	945	269	377	132	67	100	0
Montana	88	5	52	18	3	10	0
Nebraska	136	63	17	42	3	11	0
Nevada	132	23	69	19	5	16	0
New Hampshire	163	45	65	27	12	14	0
New Jersey	1,598	394	797	145	129	132	1
New Mexico	322	52	164	30	22	53	1
New York	5,668	1,561	2,417	727	576	386	1
North Carolina	959	303	421	115	60	60	0
North Dakota	169	49	55	46	5	14	0

See notes at end of table.

Table 21c. Number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	1,836	273	1,007	212	156	183	5
Oklahoma	670	166	317	74	33	80	0
Oregon	305	61	168	26	18	32	0
Pennsylvania	2,763	747	1,308	290	195	210	13
Rhode Island	219	27	72	19	43	58	0
South Carolina	316	19	170	63	24	39	1
South Dakota	85	17	37	18	4	9	0
Tennessee	511	93	253	58	47	58	2
Texas	4,802	1,042	2,638	539	196	371	16
Utah	345	59	177	45	15	48	1
Vermont	38	6	5	17	5	5	0
Virginia	947	227	493	93	59	75	0
Washington	584	135	190	85	43	131	0
West Virginia	198	25	110	22	24	17	0
Wisconsin	579	53	272	112	76	66	0
Wyoming	48	2	33	5	3	5	0

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 21d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2008–09

State	All STEM fields	STEM field					
		Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	100.0	22.5	49.9	11.5	7.1	8.8	0.2
Alabama	100.0	16.0	57.5	11.5	5.4	9.5	0.0
Alaska	100.0	2.4	58.5	12.2	14.6	12.2	0.0
Arizona	100.0	32.1	50.1	6.2	2.1	9.5	0.0
Arkansas	100.0	30.7	33.5	16.5	5.0	14.2	0.0
California	100.0	21.5	55.3	10.4	5.6	7.0	0.1
Colorado	100.0	18.7	62.0	4.6	5.6	9.2	0.0
Connecticut	100.0	15.0	65.2	7.8	6.1	5.8	0.2
Delaware	100.0	18.2	48.3	4.9	16.1	11.9	0.7
District of Columbia	100.0	26.7	30.9	31.9	5.2	5.2	0.0
Florida	100.0	10.2	67.5	8.8	5.0	8.4	0.1
Georgia	100.0	27.3	48.6	10.1	6.1	7.8	0.1
Hawaii	100.0	35.8	22.0	20.1	5.7	15.7	0.6
Idaho	100.0	15.8	48.7	14.5	9.2	11.8	0.0
Illinois	100.0	34.8	43.2	7.1	6.7	8.1	0.2
Indiana	100.0	10.0	56.8	11.2	11.3	10.7	0.1
Iowa	100.0	28.5	32.6	15.3	17.3	6.2	0.1
Kansas	100.0	15.9	57.2	8.6	4.6	13.8	0.0
Kentucky	100.0	20.0	46.3	16.4	6.2	11.2	0.0
Louisiana	100.0	15.8	53.0	11.6	12.2	7.5	0.0
Maine	100.0	2.0	40.8	22.4	12.2	22.4	0.0
Maryland	100.0	24.7	42.8	17.1	7.0	7.6	0.7
Massachusetts	100.0	20.9	44.4	14.4	7.0	13.0	0.4
Michigan	100.0	16.1	58.8	9.7	7.3	8.2	0.0
Minnesota	100.0	22.2	39.3	15.3	10.7	11.6	0.9
Mississippi	100.0	13.9	51.2	11.0	6.2	17.7	0.0
Missouri	100.0	28.5	39.9	14.0	7.1	10.6	0.0
Montana	100.0	5.7	59.1	20.5	3.4	11.4	0.0
Nebraska	100.0	46.3	12.5	30.9	2.2	8.1	0.0
Nevada	100.0	17.4	52.3	14.4	3.8	12.1	0.0
New Hampshire	100.0	27.6	39.9	16.6	7.4	8.6	0.0
New Jersey	100.0	24.7	49.9	9.1	8.1	8.3	0.1
New Mexico	100.0	16.1	50.9	9.3	6.8	16.5	0.3
New York	100.0	27.5	42.6	12.8	10.2	6.8	#
North Carolina	100.0	31.6	43.9	12.0	6.3	6.3	0.0
North Dakota	100.0	29.0	32.5	27.2	3.0	8.3	0.0

See notes at end of table.

Table 21d. Percentage distribution of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic year 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	100.0	14.9	54.8	11.5	8.5	10.0	0.3
Oklahoma	100.0	24.8	47.3	11.0	4.9	11.9	0.0
Oregon	100.0	20.0	55.1	8.5	5.9	10.5	0.0
Pennsylvania	100.0	27.0	47.3	10.5	7.1	7.6	0.5
Rhode Island	100.0	12.3	32.9	8.7	19.6	26.5	0.0
South Carolina	100.0	6.0	53.8	19.9	7.6	12.3	0.3
South Dakota	100.0	20.0	43.5	21.2	4.7	10.6	0.0
Tennessee	100.0	18.2	49.5	11.4	9.2	11.4	0.4
Texas	100.0	21.7	54.9	11.2	4.1	7.7	0.3
Utah	100.0	17.1	51.3	13.0	4.3	13.9	0.3
Vermont	100.0	15.8	13.2	44.7	13.2	13.2	0.0
Virginia	100.0	24.0	52.1	9.8	6.2	7.9	0.0
Washington	100.0	23.1	32.5	14.6	7.4	22.4	0.0
West Virginia	100.0	12.6	55.6	11.1	12.1	8.6	0.0
Wisconsin	100.0	9.2	47.0	19.3	13.1	11.4	0.0
Wyoming	100.0	4.2	68.8	10.4	6.3	10.4	0.0

Rounds to zero.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009, Completions component.

National Center for Education Statistics

Table 21e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
United States	25.8	-7.1	30.6	80.4	74.3	35.9	102.4
Alabama	39.8	-20.8	54.2	112.5	60.0	84.2	†
Alaska	57.7	-75.0	200.0	-16.7	†	-37.5	†
Arizona	49.9	167.2	16.3	44.4	-8.3	90.4	†
Arkansas	12.4	-11.8	-8.8	100.0	120.0	106.7	†
California	29.5	1.1	31.9	104.1	57.0	38.4	-50.0
Colorado	-5.3	-35.6	6.9	-11.5	27.3	4.5	-100.0
Connecticut	134.0	5.8	320.2	118.6	76.2	-4.1	†
Delaware	17.2	-25.7	15.0	0.0	283.3	41.7	-50.0
District of Columbia	-40.5	-69.5	-34.8	52.5	81.8	-44.4	†
Florida	25.0	-50.6	44.5	62.8	126.1	65.7	†
Georgia	56.1	31.8	54.1	119.7	90.0	100.0	0.0
Hawaii	-6.5	-61.5	1,650.0	255.6	12.5	1,150.0	0.0
Idaho	120.3	20.0	124.2	266.7	1,300.0	100.0	†
Illinois	60.2	63.4	63.0	51.6	30.0	71.8	66.7
Indiana	14.1	-43.3	11.8	76.0	91.4	51.8	†
Iowa	14.9	53.5	-20.4	26.2	73.9	13.2	†
Kansas	-11.1	-44.9	-8.4	-12.8	10.0	88.6	†
Kentucky	46.2	-1.2	62.5	109.1	52.9	42.4	†
Louisiana	22.4	-8.5	19.1	119.4	88.6	-8.9	†
Maine	-2.0	-80.0	25.0	-8.3	-14.3	10.0	†
Maryland	-7.5	-41.3	5.0	34.1	64.3	-6.3	†
Massachusetts	8.6	12.3	-5.9	69.7	28.9	7.9	0.0
Michigan	2.3	-35.3	2.4	80.4	59.3	46.8	†
Minnesota	13.7	-25.0	2.4	83.6	69.0	120.0	†
Mississippi	-2.8	-21.6	-20.7	27.8	44.4	131.3	†
Missouri	47.2	37.9	18.9	153.8	252.6	72.4	-100.0
Montana	-12.9	-61.5	-21.2	50.0	0.0	42.9	†
Nebraska	-39.8	-49.6	-64.6	110.0	-72.7	-50.0	†
Nevada	34.7	-23.3	43.8	111.1	†	45.5	†
New Hampshire	-4.7	-56.3	97.0	80.0	100.0	0.0	†
New Jersey	-2.0	-49.0	51.5	-4.6	138.9	5.6	0.0
New Mexico	51.9	13.0	36.7	400.0	175.0	65.6	†
New York	55.8	7.2	84.1	108.9	269.2	5.5	†
North Carolina	34.1	27.3	45.2	30.7	25.0	17.6	†
North Dakota	244.9	96.0	223.5	1,050.0	†	366.7	†

See notes at end of table.

Table 21e. Percentage change in number of awards conferred in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by field and state: Academic years 2000–01 and 2008–09—Continued

State	STEM field						
	All STEM fields	Computer and information sciences	Engineering and engineering technologies	Biological and biomedical sciences	Mathematics and statistics	Physical sciences	Science technologies
Ohio	-4.6	-33.4	-5.4	78.2	14.7	-4.7	66.7
Oklahoma	-9.1	-31.1	-14.6	15.6	26.9	128.6	†
Oregon	-12.4	-27.4	-8.7	-7.1	80.0	-23.8	†
Pennsylvania	66.0	56.3	59.5	143.7	116.7	33.8	†
Rhode Island	3.3	-42.6	-4.0	46.2	53.6	18.4	†
South Carolina	-34.7	-83.9	-40.1	65.8	84.6	25.8	†
South Dakota	-24.8	-26.1	-56.5	500.0	300.0	800.0	†
Tennessee	22.8	27.4	27.8	23.4	-13.0	31.8	†
Texas	54.1	2.8	69.1	165.5	76.6	64.9	300.0
Utah	12.0	-41.6	40.5	55.2	0.0	33.3	0.0
Vermont	0.0	-45.5	-37.5	112.5	0.0	-16.7	†
Virginia	20.2	-24.6	43.3	55.0	84.4	47.1	†
Washington	18.0	-11.8	-18.5	93.2	65.4	235.9	†
West Virginia	-9.2	-58.3	-0.9	46.7	71.4	-5.6	†
Wisconsin	-24.3	-66.7	-32.5	60.0	-7.3	32.0	-100.0
Wyoming	-5.9	-84.6	26.9	66.7	0.0	-16.7	†

† Not applicable.

NOTE: Awards conferred include both degrees and certificates. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22a. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	578	645	11.6	1,167	1,418	21.5	191	190	-0.5	29	61	110.3
Alabama	5	6	20.0	30	26	-13.3	2	3	50.0	0	1	†
Alaska	4	5	25.0	2	15	650.0	2	1	-50.0	0	0	†
Arizona	78	107	37.2	60	66	10.0	3	6	100.0	0	3	†
Arkansas	3	7	133.3	17	27	58.8	0	2	†	0	1	†
California	40	42	5.0	128	140	9.4	14	24	71.4	4	12	200.0
Colorado	5	10	100.0	45	66	46.7	6	8	33.3	0	2	†
Connecticut	0	0	†	5	14	180.0	0	3	†	3	2	-33.3
Delaware	1	0	-100.0	1	1	0.0	0	2	†	0	0	†
District of Columbia	0	0	†	4	5	25.0	1	8	700.0	0	0	†
Florida	17	10	-41.2	28	43	53.6	4	7	75.0	1	1	0.0
Georgia	3	6	100.0	9	17	88.9	1	1	0.0	1	0	-100.0
Hawaii	0	1	†	1	2	100.0	3	0	-100.0	0	0	†
Idaho	3	2	-33.3	6	4	-33.3	0	0	†	0	0	†
Illinois	3	1	-66.7	102	22	-78.4	59	7	-88.1	0	1	†
Indiana	2	7	250.0	7	12	71.4	0	1	†	0	0	†
Iowa	7	3	-57.1	5	10	100.0	1	0	-100.0	0	0	†
Kansas	6	4	-33.3	16	13	-18.8	3	1	-66.7	0	1	†
Kentucky	1	1	0.0	6	5	-16.7	2	2	0.0	1	1	0.0
Louisiana	9	6	-33.3	14	23	64.3	2	0	-100.0	0	0	†
Maine	2	0	-100.0	4	4	0.0	0	0	†	0	0	†
Maryland	1	2	100.0	14	16	14.3	2	6	200.0	1	3	200.0
Massachusetts	4	0	-100.0	39	33	-15.4	6	3	-50.0	2	2	0.0
Michigan	18	7	-61.1	24	54	125.0	2	5	150.0	0	0	†
Minnesota	11	11	0.0	16	16	0.0	4	2	-50.0	0	3	†
Mississippi	0	3	†	9	4	-55.6	0	3	†	0	0	†
Missouri	7	3	-57.1	13	20	53.8	0	4	†	1	1	0.0
Montana	22	25	13.6	19	21	10.5	0	2	†	0	0	†
Nebraska	6	3	-50.0	8	5	-37.5	0	1	†	1	1	0.0
Nevada	6	4	-33.3	8	6	-25.0	0	1	†	0	0	†
New Hampshire	0	3	†	7	7	0.0	1	1	0.0	0	0	†
New Jersey	4	6	50.0	11	25	127.3	3	2	-33.3	0	0	†
New Mexico	64	76	18.8	39	44	12.8	3	3	0.0	0	1	†
New York	15	17	13.3	27	56	107.4	7	8	14.3	1	3	200.0
North Carolina	39	17	-56.4	47	56	19.1	4	4	0.0	1	4	300.0
North Dakota	4	10	150.0	8	12	50.0	0	2	†	0	0	†

See notes at end of table.

Table 22a. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	8	17	112.5	15	30	100.0	2	5	150.0	0	3	†
Oklahoma	72	99	37.5	177	231	30.5	19	20	5.3	2	3	50.0
Oregon	12	4	-66.7	12	21	75.0	0	2	†	0	2	†
Pennsylvania	6	10	66.7	21	20	-4.8	5	4	-20.0	1	2	100.0
Rhode Island	5	5	0.0	2	3	50.0	1	0	-100.0	0	0	†
South Carolina	4	4	0.0	8	12	50.0	0	0	†	0	0	†
South Dakota	4	14	250.0	11	12	9.1	2	4	100.0	0	0	†
Tennessee	1	5	400.0	4	8	100.0	1	1	0.0	1	0	-100.0
Texas	18	30	66.7	41	62	51.2	15	13	-13.3	1	3	200.0
Utah	7	6	-14.3	10	21	110.0	1	1	0.0	2	0	-100.0
Vermont	5	0	-100.0	3	3	0.0	0	2	†	0	0	†
Virginia	6	12	100.0	20	17	-15.0	0	4	†	2	1	-50.0
Washington	22	19	-13.6	42	41	-2.4	9	4	-55.6	3	3	0.0
West Virginia	2	2	0.0	8	7	-12.5	0	1	†	0	0	†
Wisconsin	16	12	-25.0	14	38	171.4	1	5	400.0	0	1	†
Wyoming	0	1	†	0	2	†	0	1	†	0	0	†

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22b. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	3,752	3,276	-12.7	22,257	27,620	24.1	5,188	6,945	33.9	1,075	1,381	28.5
Alabama	10	10	0.0	95	108	13.7	25	38	52.0	4	5	25.0
Alaska	1	7	600.0	7	22	214.3	1	2	100.0	0	0	†
Arizona	57	153	168.4	223	340	52.5	27	63	133.3	14	23	64.3
Arkansas	4	10	150.0	62	70	12.9	16	7	-56.3	2	2	0.0
California	1,000	1,034	3.4	6,680	8,778	31.4	1,064	1,722	61.8	229	314	37.1
Colorado	35	35	0.0	254	350	37.8	79	76	-3.8	15	14	-6.7
Connecticut	15	10	-33.3	127	240	89.0	62	68	9.7	11	16	45.5
Delaware	7	6	-14.3	30	43	43.3	4	10	150.0	1	4	300.0
District of Columbia	11	5	-54.5	163	143	-12.3	171	197	15.2	7	14	100.0
Florida	94	68	-27.7	533	848	59.1	122	155	27.0	14	39	178.6
Georgia	17	48	182.4	512	714	39.5	131	147	12.2	22	47	113.6
Hawaii	173	172	-0.6	258	411	59.3	86	49	-43.0	21	7	-66.7
Idaho	11	2	-81.8	30	34	13.3	6	7	16.7	4	1	-75.0
Illinois	156	58	-62.8	1,354	1,375	1.6	307	280	-8.8	58	69	19.0
Indiana	31	24	-22.6	194	277	42.8	22	52	136.4	13	15	15.4
Iowa	12	6	-50.0	103	99	-3.9	25	19	-24.0	4	6	50.0
Kansas	22	4	-81.8	127	97	-23.6	19	27	42.1	3	6	100.0
Kentucky	11	11	0.0	51	73	43.1	22	19	-13.6	0	7	†
Louisiana	50	14	-72.0	154	122	-20.8	102	38	-62.7	15	2	-86.7
Maine	4	2	-50.0	41	25	-39.0	1	2	100.0	1	3	200.0
Maryland	43	55	27.9	601	776	29.1	210	263	25.2	32	34	6.3
Massachusetts	101	77	-23.8	972	1,044	7.4	268	294	9.7	67	99	47.8
Michigan	87	47	-46.0	531	710	33.7	509	315	-38.1	86	77	-10.5
Minnesota	80	70	-12.5	256	319	24.6	23	90	291.3	9	13	44.4
Mississippi	4	8	100.0	33	29	-12.1	8	12	50.0	3	11	266.7
Missouri	29	26	-10.3	250	242	-3.2	37	68	83.8	15	5	-66.7
Montana	0	0	†	6	11	83.3	0	3	†	0	0	†
Nebraska	23	6	-73.9	76	97	27.6	13	65	400.0	2	10	400.0
Nevada	11	49	345.5	60	129	115.0	17	21	23.5	1	7	600.0
New Hampshire	2	3	50.0	58	62	6.9	9	13	44.4	4	4	0.0
New Jersey	107	77	-28.0	991	1,091	10.1	209	185	-11.5	40	47	17.5
New Mexico	12	7	-41.7	44	58	31.8	15	10	-33.3	0	5	†
New York	570	289	-49.3	2,230	2,124	-4.8	544	555	2.0	100	110	10.0
North Carolina	74	43	-41.9	409	564	37.9	110	208	89.1	53	71	34.0
North Dakota	0	3	†	8	13	62.5	4	4	0.0	1	2	100.0

See notes at end of table.

Table 22b. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09
—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	52	40	-23.1	380	465	22.4	68	79	16.2	21	40	90.5
Oklahoma	41	26	-36.6	139	146	5.0	20	10	-50.0	3	2	-33.3
Oregon	50	31	-38.0	194	260	34.0	27	41	51.9	5	13	160.0
Pennsylvania	69	84	21.7	804	1,088	35.3	184	251	36.4	52	57	9.6
Rhode Island	16	8	-50.0	73	100	37.0	10	7	-30.0	1	4	300.0
South Carolina	16	8	-50.0	74	96	29.7	7	11	57.1	3	6	100.0
South Dakota	3	3	0.0	11	8	-27.3	11	4	-63.6	2	0	-100.0
Tennessee	20	13	-35.0	142	188	32.4	66	16	-75.8	10	11	10.0
Texas	299	193	-35.5	1,516	1,797	18.5	293	341	16.4	70	96	37.1
Utah	20	22	10.0	76	149	96.1	9	21	133.3	5	8	60.0
Vermont	3	2	-33.3	19	28	47.4	5	7	40.0	1	1	0.0
Virginia	94	202	114.9	570	710	24.6	108	987	813.9	14	26	85.7
Washington	145	152	4.8	517	835	61.5	76	56	-26.3	23	20	-13.0
West Virginia	2	2	0.0	27	36	33.3	3	4	33.3	3	2	-33.3
Wisconsin	53	50	-5.7	185	271	46.5	29	24	-17.2	11	6	-45.5
Wyoming	5	1	-80.0	7	5	-28.6	4	2	-50.0	0	0	†

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22c. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	7,429	7,731	4.1	14,268	15,723	10.2	1,909	2,602	36.3	280	500	78.6
Alabama	322	215	-33.2	779	791	1.5	67	89	32.8	13	18	38.5
Alaska	7	2	-71.4	3	7	133.3	1	1	0.0	0	1	†
Arizona	85	385	352.9	64	207	223.4	10	13	30.0	1	5	400.0
Arkansas	80	67	-16.3	118	152	28.8	12	8	-33.3	1	2	100.0
California	279	221	-20.8	515	745	44.7	129	153	18.6	25	34	36.0
Colorado	52	74	42.3	79	139	75.9	17	30	76.5	2	2	0.0
Connecticut	26	26	0.0	80	133	66.3	10	20	100.0	3	7	133.3
Delaware	14	11	-21.4	56	50	-10.7	5	13	160.0	0	1	†
District of Columbia	83	53	-36.1	414	395	-4.6	165	155	-6.1	19	30	57.9
Florida	705	607	-13.9	790	1,101	39.4	100	173	73.0	10	30	200.0
Georgia	155	421	171.6	1,201	1,201	0.0	123	102	-17.1	19	38	100.0
Hawaii	9	22	144.4	6	6	0.0	6	1	-83.3	0	2	†
Idaho	2	1	-50.0	8	6	-25.0	0	4	†	0	0	†
Illinois	334	248	-25.7	539	560	3.9	84	186	121.4	9	13	44.4
Indiana	112	107	-4.5	139	170	22.3	21	23	9.5	6	15	150.0
Iowa	18	15	-16.7	28	47	67.9	4	22	450.0	0	5	†
Kansas	62	16	-74.2	54	60	11.1	1	7	600.0	1	1	0.0
Kentucky	44	67	52.3	92	104	13.0	16	18	12.5	1	6	500.0
Louisiana	289	190	-34.3	1,006	696	-30.8	48	45	-6.3	14	11	-21.4
Maine	2	1	-50.0	4	7	75.0	0	0	†	0	0	†
Maryland	108	231	113.9	722	792	9.7	200	247	23.5	10	23	130.0
Massachusetts	111	116	4.5	280	306	9.3	57	62	8.8	11	18	63.6
Michigan	183	289	57.9	439	421	-4.1	67	112	67.2	9	25	177.8
Minnesota	65	58	-10.8	74	133	79.7	4	51	1,175.0	1	12	1,100.0
Mississippi	175	189	8.0	565	509	-9.9	53	54	1.9	5	9	80.0
Missouri	205	173	-15.6	263	277	5.3	40	36	-10.0	7	3	-57.1
Montana	0	0	†	4	4	0.0	1	0	-100.0	0	0	†
Nebraska	38	15	-60.5	14	45	221.4	4	15	275.0	0	1	†
Nevada	11	20	81.8	14	29	107.1	0	5	†	0	1	†
New Hampshire	1	8	700.0	15	17	13.3	0	3	†	1	0	-100.0
New Jersey	228	123	-46.1	395	394	-0.3	34	58	70.6	5	9	80.0
New Mexico	9	9	0.0	19	25	31.6	3	5	66.7	0	1	†
New York	1,021	670	-34.4	1,026	1,080	5.3	150	190	26.7	11	36	227.3
North Carolina	421	269	-36.1	999	1,054	5.5	128	180	40.6	20	24	20.0
North Dakota	0	4	†	2	5	150.0	1	1	0.0	0	1	†

See notes at end of table.

Table 22c. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	256	355	38.7	325	376	15.7	38	59	55.3	9	10	11.1
Oklahoma	46	82	78.3	108	129	19.4	12	12	0.0	3	3	0.0
Oregon	16	11	-31.3	16	24	50.0	0	3	†	1	4	300.0
Pennsylvania	208	298	43.3	452	522	15.5	59	73	23.7	18	22	22.2
Rhode Island	33	23	-30.3	40	42	5.0	1	6	500.0	1	2	100.0
South Carolina	181	144	-20.4	543	529	-2.6	10	28	180.0	1	6	500.0
South Dakota	4	2	-50.0	3	6	100.0	1	1	0.0	0	0	†
Tennessee	231	264	14.3	401	428	6.7	39	58	48.7	13	9	-30.8
Texas	711	609	-14.3	796	1,007	26.5	88	161	83.0	8	31	287.5
Utah	2	9	350.0	6	23	283.3	1	7	600.0	2	2	0.0
Vermont	2	0	-100.0	6	7	16.7	3	7	133.3	3	0	-100.0
Virginia	388	875	125.5	660	750	13.6	75	74	-1.3	12	14	16.7
Washington	49	51	4.1	38	87	128.9	10	16	60.0	2	4	100.0
West Virginia	14	11	-21.4	23	34	47.8	2	5	150.0	0	0	†
Wisconsin	32	74	131.3	45	89	97.8	9	10	11.1	3	9	200.0
Wyoming	0	0	†	0	2	†	0	0	†	0	0	†

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22d. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
United States	5,690	6,951	22.2	9,812	14,668	49.5	1,475	2,229	51.1	285	517	81.4
Alabama	15	14	-6.7	30	68	126.7	4	17	325.0	3	4	33.3
Alaska	4	2	-50.0	5	5	0.0	1	2	100.0	0	0	†
Arizona	318	513	61.3	270	509	88.5	33	43	30.3	8	14	75.0
Arkansas	4	11	175.0	13	35	169.2	5	2	-60.0	0	0	†
California	1,111	1,471	32.4	2,123	3,017	42.1	215	395	83.7	54	108	100.0
Colorado	83	128	54.2	279	362	29.7	38	47	23.7	3	16	433.3
Connecticut	19	25	31.6	71	134	88.7	10	31	210.0	18	9	-50.0
Delaware	3	3	0.0	26	18	-30.8	0	1	†	1	1	0.0
District of Columbia	10	4	-60.0	30	52	73.3	24	50	108.3	2	5	150.0
Florida	469	555	18.3	1,043	1,788	71.4	158	286	81.0	16	32	100.0
Georgia	10	51	410.0	111	215	93.7	29	50	72.4	6	18	200.0
Hawaii	9	23	155.6	5	9	80.0	3	2	-33.3	1	1	0.0
Idaho	16	18	12.5	10	35	250.0	4	5	25.0	0	1	†
Illinois	303	236	-22.1	432	557	28.9	173	86	-50.3	12	15	25.0
Indiana	37	38	2.7	99	152	53.5	26	18	-30.8	7	9	28.6
Iowa	5	16	220.0	41	61	48.8	6	4	-33.3	1	3	200.0
Kansas	31	31	0.0	42	109	159.5	4	8	100.0	0	3	†
Kentucky	17	18	5.9	6	28	366.7	7	7	0.0	1	3	200.0
Louisiana	32	19	-40.6	78	88	12.8	13	8	-38.5	6	0	-100.0
Maine	2	1	-50.0	10	18	80.0	2	0	-100.0	0	0	†
Maryland	14	35	150.0	126	208	65.1	43	79	83.7	3	9	200.0
Massachusetts	67	91	35.8	272	338	24.3	55	61	10.9	15	33	120.0
Michigan	41	99	141.5	147	183	24.5	33	61	84.8	8	8	0.0
Minnesota	21	17	-19.0	39	74	89.7	4	26	550.0	3	3	0.0
Mississippi	1	7	600.0	8	21	162.5	2	2	0.0	0	2	†
Missouri	32	26	-18.8	91	105	15.4	14	24	71.4	7	5	-28.6
Montana	2	0	-100.0	10	10	0.0	1	0	-100.0	0	2	†
Nebraska	9	22	144.4	20	39	95.0	2	6	200.0	1	1	0.0
Nevada	17	51	200.0	33	90	172.7	3	7	133.3	1	1	0.0
New Hampshire	1	6	500.0	13	20	53.8	0	4	†	2	2	0.0
New Jersey	152	145	-4.6	414	449	8.5	45	72	60.0	6	19	216.7
New Mexico	320	180	-43.8	339	414	22.1	48	63	31.3	7	9	28.6
New York	774	567	-26.7	757	906	19.7	105	164	56.2	19	37	94.7
North Carolina	65	55	-15.4	99	178	79.8	27	32	18.5	8	10	25.0
North Dakota	0	1	†	3	5	66.7	1	2	100.0	0	0	†

See notes at end of table.

Table 22d. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	33	55	66.7	101	145	43.6	18	21	16.7	2	12	500.0
Oklahoma	31	49	58.1	55	76	38.2	7	9	28.6	4	2	-50.0
Oregon	15	41	173.3	51	80	56.9	5	12	140.0	1	3	200.0
Pennsylvania	71	97	36.6	195	294	50.8	27	42	55.6	5	14	180.0
Rhode Island	16	19	18.8	42	33	-21.4	4	3	-25.0	1	0	-100.0
South Carolina	10	14	40.0	33	50	51.5	2	8	300.0	1	6	500.0
South Dakota	5	2	-60.0	7	9	28.6	0	0	†	0	0	†
Tennessee	2	23	1,050.0	46	87	89.1	3	11	266.7	3	6	100.0
Texas	1,336	1,857	39.0	1,862	2,988	60.5	211	356	68.7	34	67	97.1
Utah	26	32	23.1	36	81	125.0	3	11	266.7	1	3	200.0
Vermont	0	0	†	8	10	25.0	0	8	†	1	0	-100.0
Virginia	44	133	202.3	109	193	77.1	28	34	21.4	4	7	75.0
Washington	58	85	46.6	80	184	130.0	14	21	50.0	4	5	25.0
West Virginia	2	2	0.0	14	18	28.6	2	4	100.0	0	1	†
Wisconsin	23	59	156.5	66	110	66.7	13	22	69.2	5	8	60.0
Wyoming	4	4	0.0	12	10	-16.7	0	2	†	0	0	†

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22e. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	44,538	40,723	-8.6	129,581	149,768	15.6	22,588	26,811	18.7	6,687	8,572	28.2
Alabama	806	463	-42.6	2,126	2,368	11.4	270	395	46.3	85	118	38.8
Alaska	109	53	-51.4	172	210	22.1	63	61	-3.2	14	13	-7.1
Arizona	878	2,781	216.7	1,962	3,102	58.1	319	364	14.1	130	171	31.5
Arkansas	280	320	14.3	1,042	1,123	7.8	100	129	29.0	18	29	61.1
California	2,039	1,974	-3.2	7,091	8,903	25.6	1,789	2,333	30.4	842	1,144	35.9
Colorado	612	545	-10.9	3,335	4,180	25.3	873	831	-4.8	208	241	15.9
Connecticut	211	205	-2.8	1,187	1,707	43.8	339	418	23.3	52	104	100.0
Delaware	132	122	-7.6	372	471	26.6	56	68	21.4	35	37	5.7
District of Columbia	36	36	0.0	462	552	19.5	438	517	18.0	49	62	26.5
Florida	2,192	1,093	-50.1	3,854	5,651	46.6	899	1,109	23.4	208	243	16.8
Georgia	203	589	190.1	3,040	3,613	18.8	582	710	22.0	171	296	73.1
Hawaii	78	55	-29.5	164	189	15.2	52	62	19.2	8	26	225.0
Idaho	492	268	-45.5	656	1,049	59.9	119	128	7.6	19	25	31.6
Illinois	1,450	1,106	-23.7	6,443	6,176	-4.1	1,210	1,318	8.9	407	396	-2.7
Indiana	1,474	1,392	-5.6	4,080	4,529	11.0	384	528	37.5	172	207	20.3
Iowa	824	665	-19.3	2,325	2,396	3.1	178	297	66.9	93	109	17.2
Kansas	602	365	-39.4	1,847	1,766	-4.4	213	227	6.6	50	53	6.0
Kentucky	646	701	8.5	1,801	2,125	18.0	306	376	22.9	37	70	89.2
Louisiana	892	508	-43.0	1,963	1,915	-2.4	230	180	-21.7	82	72	-12.2
Maine	176	163	-7.4	751	929	23.7	57	59	3.5	12	11	-8.3
Maryland	318	349	9.7	2,625	2,834	8.0	1,005	1,026	2.1	173	206	19.1
Massachusetts	758	668	-11.9	4,340	4,767	9.8	1,089	1,001	-8.1	363	481	32.5
Michigan	2,147	2,330	8.5	6,286	7,218	14.8	1,119	1,306	16.7	231	322	39.4
Minnesota	1,215	1,217	0.2	2,983	3,763	26.1	230	548	138.3	112	84	-25.0
Mississippi	489	468	-4.3	1,041	1,094	5.1	163	274	68.1	32	22	-31.3
Missouri	1,393	1,078	-22.6	3,646	3,895	6.8	544	599	10.1	104	130	25.0
Montana	126	74	-41.3	821	922	12.3	124	82	-33.9	20	19	-5.0
Nebraska	805	525	-34.8	1,018	1,356	33.2	121	227	87.6	26	49	88.5
Nevada	139	178	28.1	310	505	62.9	58	97	67.2	10	35	250.0
New Hampshire	198	181	-8.6	786	742	-5.6	103	172	67.0	38	46	21.1
New Jersey	609	465	-23.6	2,440	2,680	9.8	462	512	10.8	152	147	-3.3
New Mexico	211	184	-12.8	484	611	26.2	121	189	56.2	38	70	84.2
New York	3,265	1,965	-39.8	8,163	9,451	15.8	1,549	1,974	27.4	407	553	35.9
North Carolina	1,671	1,143	-31.6	4,011	4,680	16.7	672	811	20.7	295	391	32.5
North Dakota	295	262	-11.2	714	742	3.9	52	73	40.4	14	20	42.9

See notes at end of table.

Table 22e. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	2,717	2,862	5.3	6,192	6,706	8.3	793	944	19.0	255	239	-6.3
Oklahoma	548	618	12.8	1,550	1,780	14.8	248	295	19.0	56	68	21.4
Oregon	495	436	-11.9	1,499	1,925	28.4	197	250	26.9	78	109	39.7
Pennsylvania	3,064	2,629	-14.2	8,985	10,435	16.1	1,170	1,529	30.7	290	511	76.2
Rhode Island	376	313	-16.8	823	825	0.2	107	128	19.6	43	43	0.0
South Carolina	539	482	-10.6	1,869	2,073	10.9	237	275	16.0	68	94	38.2
South Dakota	240	223	-7.1	722	806	11.6	107	111	3.7	12	10	-16.7
Tennessee	478	710	48.5	2,296	2,604	13.4	370	386	4.3	133	153	15.0
Texas	3,050	2,665	-12.6	6,945	7,888	13.6	1,241	1,564	26.0	406	510	25.6
Utah	702	553	-21.2	2,320	2,858	23.2	330	418	26.7	77	114	48.1
Vermont	142	85	-40.1	396	595	50.3	68	121	77.9	18	21	16.7
Virginia	1,015	1,576	55.3	3,953	3,991	1.0	746	677	-9.2	181	204	12.7
Washington	1,231	1,282	4.1	2,164	2,816	30.1	440	444	0.9	147	201	36.7
West Virginia	409	221	-46.0	1,100	1,223	11.2	142	139	-2.1	18	14	-22.2
Wisconsin	1,592	1,418	-10.9	4,182	4,732	13.2	435	483	11.0	183	270	47.5
Wyoming	169	159	-5.9	244	297	21.7	68	46	-32.4	15	9	-40.0

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22f. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	2,036	3,754	84.4	7,147	13,667	91.2	2,353	5,095	116.5	564	1,072	90.1
Alabama	6	14	133.3	26	169	550.0	13	74	469.2	0	6	†
Alaska	3	2	-33.3	2	5	150.0	0	0	†	0	0	†
Arizona	46	857	1,763.0	280	540	92.9	3	109	3,533.3	4	21	425.0
Arkansas	0	0	†	6	22	266.7	0	3	†	0	2	†
California	205	423	106.3	1,616	2,552	57.9	357	793	122.1	82	252	207.3
Colorado	77	28	-63.6	154	361	134.4	143	176	23.1	13	33	153.8
Connecticut	7	14	100.0	49	194	295.9	76	84	10.5	13	22	69.2
Delaware	6	8	33.3	21	24	14.3	2	14	600.0	0	1	†
District of Columbia	6	9	50.0	85	111	30.6	69	192	178.3	2	10	400.0
Florida	189	99	-47.6	67	453	576.1	17	130	664.7	2	14	600.0
Georgia	9	31	244.4	51	119	133.3	5	35	600.0	1	13	1,200.0
Hawaii	2	5	150.0	43	11	-74.4	39	1	-97.4	16	0	-100.0
Idaho	13	13	0.0	23	30	30.4	1	12	1,100.0	1	3	200.0
Illinois	13	22	69.2	247	520	110.5	61	252	313.1	8	22	175.0
Indiana	56	83	48.2	84	205	144.0	14	32	128.6	13	30	130.8
Iowa	4	269	6,625.0	64	394	515.6	12	24	100.0	11	10	-9.1
Kansas	11	21	90.9	43	92	114.0	15	14	-6.7	8	4	-50.0
Kentucky	4	29	625.0	15	51	240.0	2	14	600.0	0	6	†
Louisiana	11	16	45.5	62	113	82.3	16	13	-18.8	4	4	0.0
Maine	27	12	-55.6	9	21	133.3	0	0	†	0	0	†
Maryland	22	47	113.6	106	360	239.6	24	419	1,645.8	5	76	1,420.0
Massachusetts	95	93	-2.1	551	846	53.5	327	496	51.7	110	155	40.9
Michigan	118	147	24.6	295	445	50.8	94	146	55.3	12	12	0.0
Minnesota	155	64	-58.7	101	195	93.1	7	76	985.7	3	9	200.0
Mississippi	8	16	100.0	2	13	550.0	1	16	1,500.0	0	1	†
Missouri	49	56	14.3	174	230	32.2	41	59	43.9	2	9	350.0
Montana	11	5	-54.5	62	50	-19.4	7	36	414.3	0	3	†
Nebraska	4	23	475.0	32	90	181.3	4	30	650.0	0	8	†
Nevada	11	27	145.5	29	56	93.1	13	23	76.9	4	5	25.0
New Hampshire	80	13	-83.8	90	91	1.1	33	33	0.0	2	6	200.0
New Jersey	86	89	3.5	314	343	9.2	104	205	97.1	11	21	90.9
New Mexico	37	37	0.0	165	61	-63.0	57	23	-59.6	12	6	-50.0
New York	254	312	22.8	753	1,485	97.2	401	589	46.9	56	78	39.3
North Carolina	22	49	122.7	76	223	193.4	3	42	1,300.0	0	13	†
North Dakota	0	16	†	0	2	†	0	0	†	0	0	†

See notes at end of table.

Table 22f. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	40	127	217.5	191	395	106.8	43	157	265.1	23	45	95.7
Oklahoma	1	22	2,100.0	3	38	1,166.7	2	6	200.0	0	1	†
Oregon	28	42	50.0	146	221	51.4	49	34	-30.6	4	4	0.0
Pennsylvania	76	128	68.4	297	624	110.1	131	320	144.3	54	39	-27.8
Rhode Island	9	69	666.7	44	160	263.6	8	22	175.0	2	8	300.0
South Carolina	6	8	33.3	31	167	438.7	6	23	283.3	2	11	450.0
South Dakota	0	7	†	12	42	250.0	3	9	200.0	0	3	†
Tennessee	2	21	950.0	39	147	276.9	3	18	500.0	1	11	1,000.0
Texas	29	47	62.1	100	145	45.0	34	64	88.2	34	33	-2.9
Utah	21	47	123.8	132	279	111.4	13	33	153.8	6	12	100.0
Vermont	11	5	-54.5	42	31	-26.2	5	35	600.0	0	0	†
Virginia	14	102	628.6	98	473	382.7	17	89	423.5	22	13	-40.9
Washington	61	121	98.4	287	356	24.0	66	107	62.1	17	30	76.5
West Virginia	2	3	50.0	3	26	766.7	0	0	†	0	0	†
Wisconsin	89	56	-37.1	7	66	842.9	5	2	-60.0	0	0	†
Wyoming	0	0	†	18	20	11.1	7	11	57.1	4	7	75.0

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 22g. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	1,337	1,086	-18.8	10,365	10,148	-2.1	21,596	29,247	35.4	6,213	9,974	60.5
Alabama	19	6	-68.4	156	125	-19.9	271	463	70.8	76	141	85.5
Alaska	2	0	-100.0	6	9	50.0	13	27	107.7	5	5	0.0
Arizona	11	60	445.5	216	208	-3.7	365	555	52.1	93	206	121.5
Arkansas	1	1	0.0	114	72	-36.8	61	104	70.5	17	41	141.2
California	288	139	-51.7	1,031	1,079	4.7	2,383	3,327	39.6	643	1,079	67.8
Colorado	10	0	-100.0	133	105	-21.1	286	311	8.7	86	84	-2.3
Connecticut	8	9	12.5	118	87	-26.3	287	960	234.5	87	113	29.9
Delaware	7	6	-14.3	18	4	-77.8	63	78	23.8	32	55	71.9
District of Columbia	1	0	-100.0	147	89	-39.5	417	239	-42.7	69	43	-37.7
Florida	103	41	-60.2	504	433	-14.1	771	1,167	51.4	172	404	134.9
Georgia	13	15	15.4	263	278	5.7	553	896	62.0	157	350	122.9
Hawaii	1	5	400.0	109	81	-25.7	59	44	-25.4	0	27	†
Idaho	13	2	-84.6	12	70	483.3	35	62	77.1	8	17	112.5
Illinois	23	15	-34.8	332	426	28.3	1,312	2,330	77.6	342	478	39.8
Indiana	33	7	-78.8	331	364	10.0	476	449	-5.7	190	354	86.3
Iowa	4	3	-25.0	199	190	-4.5	274	307	12.0	126	180	42.9
Kansas	12	5	-58.3	160	112	-30.0	296	273	-7.8	68	79	16.2
Kentucky	11	1	-90.9	92	52	-43.5	151	278	84.1	32	89	178.1
Louisiana	1	2	100.0	200	154	-23.0	281	402	43.1	76	125	64.5
Maine	1	2	100.0	26	20	-23.1	17	16	-5.9	4	10	150.0
Maryland	24	41	70.8	346	168	-51.4	480	461	-4.0	196	285	45.4
Massachusetts	37	32	-13.5	527	428	-18.8	1,077	1,166	8.3	383	569	48.6
Michigan	38	76	100.0	468	433	-7.5	918	1,054	14.8	227	408	79.7
Minnesota	13	3	-76.9	210	257	22.4	227	286	26.0	109	109	0.0
Mississippi	1	0	-100.0	72	26	-63.9	125	131	4.8	17	52	205.9
Missouri	8	4	-50.0	230	207	-10.0	294	536	82.3	99	159	60.6
Montana	2	0	-100.0	61	39	-36.1	33	30	-9.1	5	19	280.0
Nebraska	2	3	50.0	96	43	-55.2	109	49	-55.0	19	40	110.5
Nevada	3	5	66.7	26	20	-23.1	55	64	16.4	13	40	207.7
New Hampshire	0	2	†	36	27	-25.0	114	91	-20.2	18	37	105.6
New Jersey	50	57	14.0	324	263	-18.8	852	1,030	20.9	233	240	3.0
New Mexico	0	1	†	40	38	-5.0	133	213	60.2	39	69	76.9
New York	244	166	-32.0	739	1,130	52.9	1,945	3,391	74.3	550	801	45.6
North Carolina	41	11	-73.2	137	141	2.9	364	562	54.4	129	237	83.7
North Dakota	0	0	†	13	88	576.9	34	58	70.6	2	23	1,050.0

See notes at end of table.

Table 22g. Number and percentage change in degrees awarded in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of degree											
	Associate's			Bachelor's			Master's			Doctor's		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
Ohio	33	26	-21.2	381	291	-23.6	1,161	1,053	-9.3	338	462	36.7
Oklahoma	13	22	69.2	270	199	-26.3	390	344	-11.8	60	98	63.3
Oregon	7	4	-42.9	96	62	-35.4	194	175	-9.8	48	59	22.9
Pennsylvania	20	43	115.0	434	559	28.8	850	1,587	86.7	354	563	59.0
Rhode Island	23	1	-95.7	45	44	-2.2	91	100	9.9	53	74	39.6
South Carolina	7	2	-71.4	61	60	-1.6	343	159	-53.6	60	94	56.7
South Dakota	12	0	-100.0	23	9	-60.9	74	64	-13.5	3	12	300.0
Tennessee	4	35	775.0	128	105	-18.0	212	233	9.9	72	132	83.3
Texas	103	101	-1.9	615	868	41.1	1,881	2,924	55.4	464	827	78.2
Utah	16	11	-31.3	98	98	0.0	130	129	-0.8	62	107	72.6
Vermont	0	0	†	19	19	0.0	11	11	0.0	8	8	0.0
Virginia	13	1	-92.3	186	207	11.3	459	504	9.8	123	228	85.4
Washington	49	110	124.5	148	146	-1.4	170	191	12.4	93	105	12.9
West Virginia	4	3	-25.0	69	39	-43.5	127	120	-5.5	18	36	100.0
Wisconsin	2	0	-100.0	291	162	-44.3	341	228	-33.1	131	189	44.3
Wyoming	6	7	16.7	9	14	55.6	31	15	-51.6	4	12	200.0

† Not applicable.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23a. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	204	208	2.0	266	255	-4.1	19	14	-26.3	3	4	33.3
Alabama	3	4	33.3	1	0	-100.0	0	0	†	0	0	†
Alaska	28	0	-100.0	3	8	166.7	0	0	†	0	0	†
Arizona	14	54	285.7	29	21	-27.6	0	0	†	0	0	†
Arkansas	1	3	200.0	2	3	50.0	0	0	†	0	0	†
California	32	33	3.1	42	9	-78.6	1	0	-100.0	0	0	†
Colorado	4	8	100.0	10	5	-50.0	0	0	†	1	0	-100.0
Connecticut	0	0	†	1	0	-100.0	0	0	†	0	0	†
Delaware	0	0	†	1	0	-100.0	0	0	†	0	0	†
District of Columbia	0	0	†	0	0	†	0	0	†	0	1	†
Florida	3	7	133.3	2	3	50.0	1	0	-100.0	0	0	†
Georgia	4	6	50.0	2	1	-50.0	0	0	†	0	0	†
Hawaii	0	0	†	0	0	†	0	0	†	0	0	†
Idaho	0	0	†	0	0	†	1	3	200.0	0	0	†
Illinois	2	2	0.0	6	7	16.7	0	0	†	0	0	†
Indiana	0	1	†	1	0	-100.0	0	0	†	0	1	†
Iowa	2	0	-100.0	0	3	†	0	0	†	0	0	†
Kansas	2	0	-100.0	7	8	14.3	0	0	†	0	0	†
Kentucky	0	13	†	1	4	300.0	0	0	†	0	0	†
Louisiana	1	1	0.0	4	2	-50.0	0	0	†	0	0	†
Maine	0	0	†	0	0	†	0	0	†	0	0	†
Maryland	0	0	†	0	6	†	1	1	0.0	0	0	†
Massachusetts	3	2	-33.3	0	1	†	0	0	†	0	0	†
Michigan	0	2	†	5	5	0.0	0	0	†	0	0	†
Minnesota	8	6	-25.0	6	1	-83.3	1	0	-100.0	0	0	†
Mississippi	0	0	†	0	0	†	0	0	†	0	0	†
Missouri	0	0	†	2	1	-50.0	0	0	†	0	0	†
Montana	0	0	†	8	12	50.0	0	0	†	0	0	†
Nebraska	0	0	†	2	0	-100.0	0	0	†	0	0	†
Nevada	0	1	†	1	0	-100.0	0	0	†	0	0	†
New Hampshire	0	0	†	0	0	†	0	0	†	0	0	†
New Jersey	21	0	-100.0	13	2	-84.6	0	0	†	0	0	†
New Mexico	0	1	†	7	43	514.3	0	1	†	0	0	†
New York	6	4	-33.3	4	6	50.0	0	0	†	1	1	0.0
North Carolina	6	8	33.3	2	3	50.0	0	0	†	0	0	†
North Dakota	8	0	-100.0	0	0	†	0	0	†	0	0	†

See notes at end of table.

Table 23a. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to American Indian or Alaska Native students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	4	4	0.0	1	0	-100.0	0	0	†	0	0	†
Oklahoma	9	13	44.4	52	70	34.6	8	7	-12.5	0	1	†
Oregon	1	2	100.0	4	0	-100.0	1	0	-100.0	0	0	†
Pennsylvania	9	0	-100.0	1	5	400.0	0	0	†	0	0	†
Rhode Island	0	0	†	0	0	†	0	0	†	0	0	†
South Carolina	5	7	40.0	1	0	-100.0	0	0	†	0	0	†
South Dakota	0	1	†	1	0	-100.0	0	0	†	0	0	†
Tennessee	1	0	-100.0	3	0	-100.0	0	1	†	0	0	†
Texas	11	16	45.5	6	8	33.3	0	0	†	0	0	†
Utah	2	1	-50.0	1	1	0.0	0	0	†	0	0	†
Vermont	0	0	†	0	0	†	0	0	†	0	0	†
Virginia	1	0	-100.0	5	0	-100.0	0	0	†	1	0	-100.0
Washington	10	8	-20.0	18	3	-83.3	5	1	-80.0	0	0	†
West Virginia	0	0	†	1	0	-100.0	0	0	†	0	0	†
Wisconsin	3	0	-100.0	9	14	55.6	0	0	†	0	0	†
Wyoming	0	0	†	1	0	-100.0	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23b. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	1,579	1,121	-29.0	1,674	681	-59.3	118	63	-46.6	110	230	109.1
Alabama	5	2	-60.0	3	1	-66.7	0	0	†	0	0	†
Alaska	1	0	-100.0	0	3	†	0	0	†	0	0	†
Arizona	13	25	92.3	21	29	38.1	0	0	†	0	0	†
Arkansas	1	10	900.0	1	7	600.0	0	0	†	0	0	†
California	824	514	-37.6	658	179	-72.8	17	1	-94.1	19	58	205.3
Colorado	9	15	66.7	25	2	-92.0	0	0	†	20	7	-65.0
Connecticut	8	9	12.5	12	2	-83.3	0	0	†	5	11	120.0
Delaware	0	1	†	0	2	†	0	0	†	0	0	†
District of Columbia	0	1	†	20	0	-100.0	0	0	†	1	37	3,600.0
Florida	8	66	725.0	44	16	-63.6	2	14	600.0	0	0	†
Georgia	26	45	73.1	10	27	170.0	0	4	†	0	0	†
Hawaii	5	23	360.0	10	9	-10.0	0	2	†	0	0	†
Idaho	0	0	†	2	0	-100.0	3	4	33.3	0	0	†
Illinois	149	59	-60.4	80	48	-40.0	0	0	†	4	0	-100.0
Indiana	0	2	†	5	0	-100.0	0	0	†	0	2	†
Iowa	1	0	-100.0	5	1	-80.0	0	0	†	0	1	†
Kansas	16	14	-12.5	7	7	0.0	1	0	-100.0	0	0	†
Kentucky	1	19	1,800.0	1	2	100.0	0	0	†	0	1	†
Louisiana	1	7	600.0	5	13	160.0	4	0	-100.0	0	0	†
Maine	0	0	†	0	0	†	0	0	†	0	0	†
Maryland	10	4	-60.0	31	22	-29.0	22	20	-9.1	8	25	212.5
Massachusetts	15	18	20.0	9	16	77.8	0	0	†	5	3	-40.0
Michigan	5	11	120.0	37	9	-75.7	7	0	-100.0	1	1	0.0
Minnesota	53	9	-83.0	65	10	-84.6	2	4	100.0	0	2	†
Mississippi	0	0	†	0	0	†	0	0	†	0	0	†
Missouri	4	2	-50.0	14	5	-64.3	0	0	†	1	14	1,300.0
Montana	0	0	†	0	0	†	0	0	†	0	0	†
Nebraska	2	3	50.0	1	2	100.0	0	0	†	0	0	†
Nevada	0	5	†	0	5	†	0	2	†	0	0	†
New Hampshire	3	1	-66.7	0	0	†	0	0	†	0	0	†
New Jersey	91	10	-89.0	260	50	-80.8	7	2	-71.4	11	5	-54.5
New Mexico	0	1	†	2	4	100.0	0	2	†	0	0	†
New York	14	2	-85.7	29	35	20.7	0	0	†	20	19	-5.0
North Carolina	43	22	-48.8	3	3	0.0	0	0	†	0	0	†
North Dakota	0	0	†	0	0	†	0	0	†	0	0	†

See notes at end of table.

Table 23b. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Asian, Native Hawaiian, or Other Pacific Islander students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09
—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	4	12	200.0	11	9	-18.2	0	1	†	0	1	†
Oklahoma	10	14	40.0	9	10	11.1	0	4	†	0	1	†
Oregon	5	9	80.0	3	6	100.0	0	0	†	0	7	†
Pennsylvania	57	9	-84.2	17	15	-11.8	0	0	†	0	4	†
Rhode Island	0	0	†	4	4	0.0	0	0	†	0	0	†
South Carolina	25	8	-68.0	1	0	-100.0	0	0	†	0	0	†
South Dakota	0	0	†	0	0	†	0	0	†	0	0	†
Tennessee	0	2	†	7	2	-71.4	0	0	†	0	0	†
Texas	100	72	-28.0	117	56	-52.1	6	1	-83.3	0	10	†
Utah	1	4	300.0	4	5	25.0	0	0	†	0	0	†
Vermont	0	0	†	0	0	†	0	0	†	0	0	†
Virginia	9	0	-100.0	42	8	-81.0	3	0	-100.0	15	21	40.0
Washington	58	82	41.4	90	55	-38.9	44	2	-95.5	0	0	†
West Virginia	0	2	†	1	2	100.0	0	0	†	0	0	†
Wisconsin	2	7	250.0	8	0	-100.0	0	0	†	0	0	†
Wyoming	0	0	†	0	0	†	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23c. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
United States	4,043	3,089	-23.6	3,134	2,354	-24.9	215	307	42.8	63	182	188.9
Alabama	71	50	-29.6	57	50	-12.3	6	0	-100.0	0	0	†
Alaska	2	0	-100.0	0	1	†	0	0	†	0	0	†
Arizona	40	115	187.5	31	32	3.2	0	0	†	0	0	†
Arkansas	6	43	616.7	25	38	52.0	0	0	†	0	0	†
California	674	173	-74.3	190	136	-28.4	2	0	-100.0	1	6	500.0
Colorado	10	16	60.0	33	3	-90.9	0	0	†	15	9	-40.0
Connecticut	4	14	250.0	69	8	-88.4	0	0	†	2	4	100.0
Delaware	23	0	-100.0	3	1	-66.7	0	0	†	0	0	†
District of Columbia	65	60	-7.7	69	2	-97.1	0	0	†	2	31	1,450.0
Florida	68	248	264.7	323	225	-30.3	22	118	436.4	0	0	†
Georgia	386	484	25.4	114	175	53.5	10	109	990.0	0	2	†
Hawaii	0	0	†	0	0	†	0	0	†	0	0	†
Idaho	0	0	†	0	0	†	0	1	†	0	0	†
Illinois	236	105	-55.5	272	144	-47.1	0	0	†	1	0	-100.0
Indiana	12	31	158.3	25	17	-32.0	0	0	†	0	0	†
Iowa	10	2	-80.0	1	4	300.0	0	0	†	0	0	†
Kansas	13	18	38.5	14	34	142.9	3	0	-100.0	0	0	†
Kentucky	2	62	3,000.0	5	6	20.0	1	0	-100.0	0	0	†
Louisiana	44	132	200.0	137	125	-8.8	9	0	-100.0	0	0	†
Maine	0	0	†	0	1	†	0	0	†	0	0	†
Maryland	160	41	-74.4	185	197	6.5	36	45	25.0	9	59	555.6
Massachusetts	26	38	46.2	20	66	230.0	25	0	-100.0	3	0	-100.0
Michigan	66	312	372.7	33	84	154.5	2	0	-100.0	0	1	†
Minnesota	45	8	-82.2	53	6	-88.7	0	1	†	0	5	†
Mississippi	0	0	†	2	4	100.0	2	0	-100.0	0	0	†
Missouri	18	17	-5.6	76	39	-48.7	2	1	-50.0	2	22	1,000.0
Montana	0	0	†	0	0	†	0	0	†	0	0	†
Nebraska	5	17	240.0	1	1	0.0	0	0	†	0	0	†
Nevada	1	7	600.0	1	0	-100.0	0	0	†	0	0	†
New Hampshire	1	0	-100.0	0	0	†	0	0	†	0	0	†
New Jersey	473	21	-95.6	304	174	-42.8	41	3	-92.7	6	4	-33.3
New Mexico	0	4	†	3	3	0.0	0	5	†	0	1	†
New York	96	21	-78.1	37	115	210.8	0	0	†	7	16	128.6
North Carolina	253	247	-2.4	37	28	-24.3	0	0	†	0	0	†
North Dakota	0	0	†	0	2	†	0	0	†	0	0	†

See notes at end of table.

Table 23c. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Black or African American students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	47	79	68.1	118	180	52.5	0	0	†	0	1	†
Oklahoma	4	19	375.0	40	37	-7.5	2	21	950.0	0	2	†
Oregon	3	0	-100.0	0	0	†	0	0	†	0	1	†
Pennsylvania	312	18	-94.2	41	112	173.2	0	0	†	0	6	†
Rhode Island	0	0	†	6	4	-33.3	0	0	†	0	0	†
South Carolina	242	142	-41.3	7	1	-85.7	0	0	†	0	0	†
South Dakota	0	0	†	1	0	-100.0	0	0	†	0	0	†
Tennessee	12	54	350.0	169	21	-87.6	1	1	0.0	0	2	†
Texas	392	454	15.8	245	215	-12.2	9	2	-77.8	1	3	200.0
Utah	1	0	-100.0	1	1	0.0	0	0	†	0	0	†
Vermont	0	0	†	0	0	†	0	0	†	0	0	†
Virginia	148	4	-97.3	308	38	-87.7	35	0	-100.0	13	6	-53.8
Washington	43	23	-46.5	35	15	-57.1	7	0	-100.0	1	1	0.0
West Virginia	5	2	-60.0	10	8	-20.0	0	0	†	0	0	†
Wisconsin	24	7	-70.8	33	1	-97.0	0	0	†	0	0	†
Wyoming	0	1	†	0	0	†	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23d. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
United States	3,776	3,282	-13.1	2,593	2,531	-2.4	223	248	11.2	37	90	143.2
Alabama	3	6	100.0	1	3	200.0	0	0	†	0	0	†
Alaska	2	0	-100.0	3	1	-66.7	0	0	†	0	0	†
Arizona	123	193	56.9	86	107	24.4	0	0	†	0	0	†
Arkansas	5	11	120.0	6	9	50.0	0	0	†	0	0	†
California	1,352	899	-33.5	843	547	-35.1	20	0	-100.0	7	9	28.6
Colorado	31	38	22.6	54	16	-70.4	0	0	†	6	2	-66.7
Connecticut	4	11	175.0	30	24	-20.0	0	0	†	1	4	300.0
Delaware	1	0	-100.0	0	2	†	0	0	†	0	0	†
District of Columbia	9	2	-77.8	6	0	-100.0	0	0	†	3	17	466.7
Florida	999	871	-12.8	278	250	-10.1	22	167	659.1	0	3	†
Georgia	31	48	54.8	10	31	210.0	3	7	133.3	0	0	†
Hawaii	1	0	-100.0	0	0	†	0	0	†	0	0	†
Idaho	1	0	-100.0	3	3	0.0	2	5	150.0	0	0	†
Illinois	169	117	-30.8	189	110	-41.8	0	0	†	0	0	†
Indiana	1	6	500.0	11	6	-45.5	0	0	†	0	1	†
Iowa	7	1	-85.7	1	3	200.0	0	0	†	0	1	†
Kansas	74	13	-82.4	13	26	100.0	2	0	-100.0	0	0	†
Kentucky	1	15	1,400.0	3	5	66.7	0	0	†	0	0	†
Louisiana	2	15	650.0	6	15	150.0	1	0	-100.0	0	0	†
Maine	0	0	†	0	1	†	0	0	†	0	0	†
Maryland	17	6	-64.7	17	19	11.8	9	9	0.0	2	8	300.0
Massachusetts	16	35	118.8	9	66	633.3	23	0	-100.0	5	2	-60.0
Michigan	3	15	400.0	10	11	10.0	2	0	-100.0	0	2	†
Minnesota	11	4	-63.6	15	1	-93.3	2	1	-50.0	0	1	†
Mississippi	0	0	†	0	0	†	0	0	†	0	0	†
Missouri	3	0	-100.0	12	6	-50.0	1	0	-100.0	2	8	300.0
Montana	0	0	†	0	0	†	0	0	†	0	0	†
Nebraska	3	15	400.0	3	4	33.3	0	0	†	0	0	†
Nevada	1	4	300.0	1	3	200.0	0	0	†	0	0	†
New Hampshire	2	1	-50.0	0	0	†	0	0	†	0	0	†
New Jersey	268	33	-87.7	255	266	4.3	32	7	-78.1	2	1	-50.0
New Mexico	19	34	78.9	38	66	73.7	8	21	162.5	0	2	†
New York	51	2	-96.1	32	142	343.8	0	0	†	7	17	142.9
North Carolina	21	54	157.1	2	2	0.0	0	0	†	0	0	†
North Dakota	0	0	†	0	1	†	0	0	†	0	0	†

See notes at end of table.

Table 23d. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to Hispanic or Latino students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	13	10	-23.1	8	15	87.5	0	0	†	0	0	†
Oklahoma	2	4	100.0	20	38	90.0	8	25	212.5	0	1	†
Oregon	1	6	500.0	2	6	200.0	0	1	†	0	0	†
Pennsylvania	42	7	-83.3	14	35	150.0	0	0	†	0	3	†
Rhode Island	0	0	†	10	10	0.0	0	0	†	0	0	†
South Carolina	14	8	-42.9	0	0	†	0	0	†	0	0	†
South Dakota	0	0	†	0	0	†	0	0	†	0	0	†
Tennessee	0	4	†	19	3	-84.2	2	0	-100.0	0	0	†
Texas	433	734	69.5	528	630	19.3	80	1	-98.8	0	6	†
Utah	2	3	50.0	7	9	28.6	0	0	†	0	0	†
Vermont	0	0	†	0	0	†	0	0	†	0	0	†
Virginia	8	0	-100.0	15	5	-66.7	2	0	-100.0	2	1	-50.0
Washington	24	54	125.0	26	27	3.8	4	4	0.0	0	1	†
West Virginia	0	0	†	1	0	-100.0	0	0	†	0	0	†
Wisconsin	5	3	-40.0	6	5	-16.7	0	0	†	0	0	†
Wyoming	1	0	-100.0	0	2	†	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23e. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	15,885	12,365	-22.2	15,009	8,211	-45.3	1,173	957	-18.4	708	1,188	67.8
Alabama	203	132	-35.0	88	56	-36.4	0	0	†	0	1	†
Alaska	78	5	-93.6	22	46	109.1	0	0	†	0	0	†
Arizona	465	589	26.7	217	258	18.9	2	3	50.0	0	0	†
Arkansas	443	264	-40.4	1,098	189	-82.8	1	0	-100.0	0	0	†
California	2,366	1,122	-52.6	1,456	424	-70.9	41	2	-95.1	59	146	147.5
Colorado	240	306	27.5	369	76	-79.4	0	0	†	252	30	-88.1
Connecticut	109	92	-15.6	236	61	-74.2	0	0	†	23	64	178.3
Delaware	42	4	-90.5	18	14	-22.2	0	0	†	0	0	†
District of Columbia	0	4	†	56	4	-92.9	0	1	†	10	214	2,040.0
Florida	122	844	591.8	790	347	-56.1	113	138	22.1	1	2	100.0
Georgia	578	749	29.6	276	163	-40.9	36	156	333.3	0	3	†
Hawaii	0	2	†	3	2	-33.3	0	1	†	0	4	†
Idaho	14	13	-7.1	73	37	-49.3	74	112	51.4	0	2	†
Illinois	858	638	-25.6	617	321	-48.0	0	0	†	7	13	85.7
Indiana	105	112	6.7	210	137	-34.8	0	0	†	2	60	2,900.0
Iowa	165	34	-79.4	129	89	-31.0	0	0	†	6	5	-16.7
Kansas	289	118	-59.2	203	249	22.7	54	0	-100.0	0	2	†
Kentucky	70	1,420	1,928.6	208	131	-37.0	78	1	-98.7	0	15	†
Louisiana	355	370	4.2	250	404	61.6	78	0	-100.0	13	1	-92.3
Maine	1	0	-100.0	32	24	-25.0	6	0	-100.0	0	1	†
Maryland	83	13	-84.3	334	192	-42.5	51	85	66.7	82	106	29.3
Massachusetts	260	239	-8.1	82	120	46.3	79	0	-100.0	17	14	-17.6
Michigan	171	397	132.2	486	556	14.4	43	6	-86.0	14	33	135.7
Minnesota	506	185	-63.4	671	103	-84.6	106	127	19.8	5	17	240.0
Mississippi	0	0	†	11	9	-18.2	2	0	-100.0	0	0	†
Missouri	135	89	-34.1	545	219	-59.8	20	14	-30.0	13	122	838.5
Montana	1	0	-100.0	15	9	-40.0	0	0	†	0	0	†
Nebraska	157	183	16.6	108	67	-38.0	0	0	†	0	1	†
Nevada	2	4	100.0	20	21	5.0	0	9	†	0	0	†
New Hampshire	157	19	-87.9	12	1	-91.7	0	0	†	2	1	-50.0
New Jersey	483	83	-82.8	1,774	447	-74.8	108	25	-76.9	33	19	-42.4
New Mexico	16	18	12.5	31	108	248.4	7	24	242.9	0	5	†
New York	460	96	-79.1	335	159	-52.5	14	0	-100.0	74	105	41.9
North Carolina	763	909	19.1	137	157	14.6	0	0	†	6	0	-100.0
North Dakota	0	10	†	7	33	371.4	0	0	†	0	0	†

See notes at end of table.

Table 23e. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to White students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	954	633	-33.6	429	558	30.1	0	0	†	0	7	†
Oklahoma	70	141	101.4	357	433	21.3	23	148	543.5	0	6	†
Oregon	18	78	333.3	53	90	69.8	5	2	-60.0	0	16	†
Pennsylvania	3,016	169	-94.4	448	369	-17.6	22	6	-72.7	6	49	716.7
Rhode Island	0	0	†	112	19	-83.0	0	0	†	1	0	-100.0
South Carolina	481	380	-21.0	22	13	-40.9	0	0	†	0	3	†
South Dakota	0	15	†	8	0	-100.0	28	0	-100.0	0	0	†
Tennessee	42	79	88.1	214	169	-21.0	24	47	95.8	0	18	†
Texas	825	967	17.2	953	707	-25.8	25	12	-52.0	0	38	†
Utah	111	36	-67.6	120	85	-29.2	0	0	†	0	1	†
Vermont	0	0	†	2	0	-100.0	0	0	†	0	0	†
Virginia	64	5	-92.2	503	72	-85.7	12	0	-100.0	78	47	-39.7
Washington	430	632	47.0	466	290	-37.8	121	38	-68.6	4	12	200.0
West Virginia	116	40	-65.5	240	83	-65.4	0	0	†	0	0	†
Wisconsin	53	110	107.5	155	69	-55.5	0	0	†	0	5	†
Wyoming	8	17	112.5	8	21	162.5	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23f. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
United States	2,281	1,392	-39.0	924	960	3.9	49	52	6.1	106	236	122.6
Alabama	5	1	-80.0	0	1	†	0	0	†	0	4	†
Alaska	82	0	-100.0	5	4	-20.0	0	0	†	0	0	†
Arizona	33	61	84.8	16	26	62.5	0	0	†	0	0	†
Arkansas	0	0	†	0	2	†	0	0	†	0	0	†
California	382	357	-6.5	223	78	-65.0	9	0	-100.0	5	27	440.0
Colorado	15	51	240.0	18	7	-61.1	0	0	†	49	11	-77.6
Connecticut	8	49	512.5	36	44	22.2	0	0	†	8	13	62.5
Delaware	13	2	-84.6	0	0	†	0	0	†	0	0	†
District of Columbia	0	6	†	12	0	-100.0	0	1	†	0	40	†
Florida	7	72	928.6	32	13	-59.4	0	3	†	0	0	†
Georgia	52	40	-23.1	1	11	1,000.0	0	13	†	0	0	†
Hawaii	0	0	†	1	0	-100.0	0	0	†	0	0	†
Idaho	0	3	†	1	5	400.0	3	2	-33.3	0	0	†
Illinois	4	67	1,575.0	17	6	-64.7	0	0	†	0	0	†
Indiana	1	14	1,300.0	10	17	70.0	0	0	†	0	1	†
Iowa	5	48	860.0	3	1	-66.7	0	0	†	0	2	†
Kansas	18	22	22.2	85	30	-64.7	0	0	†	0	0	†
Kentucky	0	118	†	0	3	†	0	0	†	0	0	†
Louisiana	0	6	†	1	6	500.0	0	0	†	0	0	†
Maine	0	0	†	0	2	†	0	0	†	0	1	†
Maryland	0	7	†	9	30	233.3	4	17	325.0	0	29	†
Massachusetts	207	16	-92.3	8	37	362.5	0	0	†	1	7	600.0
Michigan	2	42	2,000.0	16	56	250.0	1	1	0.0	1	4	300.0
Minnesota	50	4	-92.0	48	2	-95.8	9	1	-88.9	0	0	†
Mississippi	0	0	†	1	0	-100.0	0	0	†	0	0	†
Missouri	3	15	400.0	7	8	14.3	0	0	†	5	14	180.0
Montana	0	0	†	0	1	†	0	0	†	0	0	†
Nebraska	2	2	0.0	0	0	†	0	0	†	0	0	†
Nevada	21	0	-100.0	1	1	0.0	0	1	†	0	0	†
New Hampshire	36	4	-88.9	1	0	-100.0	0	0	†	5	0	-100.0
New Jersey	52	28	-46.2	64	67	4.7	14	5	-64.3	10	8	-20.0
New Mexico	0	10	†	14	10	-28.6	1	5	400.0	0	0	†
New York	745	13	-98.3	143	103	-28.0	0	0	†	16	29	81.3
North Carolina	16	39	143.8	4	7	75.0	0	0	†	0	0	†
North Dakota	0	0	†	0	1	†	0	0	†	0	0	†

See notes at end of table.

Table 23f. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to students of unknown race/ethnicity at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	5	61	1,120.0	3	72	2,300.0	0	1	†	0	1	†
Oklahoma	0	4	†	3	23	666.7	1	1	0.0	0	0	†
Oregon	0	14	†	6	11	83.3	0	0	†	0	10	†
Pennsylvania	441	10	-97.7	50	171	242.0	0	0	†	2	12	500.0
Rhode Island	0	0	†	2	14	600.0	0	0	†	0	0	†
South Carolina	14	6	-57.1	0	0	†	0	0	†	0	0	†
South Dakota	0	0	†	2	0	-100.0	0	0	†	0	0	†
Tennessee	0	1	†	4	4	0.0	0	0	†	0	0	†
Texas	14	94	571.4	19	28	47.4	0	0	†	0	1	†
Utah	1	7	600.0	3	12	300.0	0	0	†	0	1	†
Vermont	0	5	†	0	0	†	0	0	†	0	0	†
Virginia	6	1	-83.3	24	3	-87.5	0	0	†	0	19	†
Washington	37	88	137.8	29	42	44.8	7	1	-85.7	4	1	-75.0
West Virginia	0	1	†	0	0	†	0	0	†	0	1	†
Wisconsin	4	0	-100.0	2	1	-50.0	0	0	†	0	0	†
Wyoming	0	3	†	0	0	†	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 23g. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change	2000 -01	2008 -09	% change
United States	729	213	-70.8	249	146	-41.4	24	6	-75.0	258	488	89.1
Alabama	4	0	-100.0	1	0	-100.0	0	0	†	0	2	†
Alaska	0	0	†	0	0	†	0	0	†	0	0	†
Arizona	8	13	62.5	2	0	-100.0	0	0	†	0	0	†
Arkansas	0	0	†	1	0	-100.0	0	0	†	0	0	†
California	26	29	11.5	18	21	16.7	2	0	-100.0	67	100	49.3
Colorado	5	0	-100.0	5	0	-100.0	0	0	†	5	2	-60.0
Connecticut	5	1	-80.0	0	3	†	0	0	†	13	39	200.0
Delaware	0	0	†	2	0	-100.0	0	0	†	0	0	†
District of Columbia	6	0	-100.0	0	0	†	0	0	†	2	11	450.0
Florida	98	35	-64.3	19	2	-89.5	0	0	†	0	1	†
Georgia	0	4	†	5	2	-60.0	0	0	†	0	2	†
Hawaii	0	0	†	1	1	0.0	0	0	†	0	1	†
Idaho	0	0	†	1	1	0.0	0	0	†	0	0	†
Illinois	36	55	52.8	3	3	0.0	0	0	†	16	0	-100.0
Indiana	0	0	†	5	1	-80.0	0	0	†	1	7	600.0
Iowa	1	0	-100.0	0	0	†	0	0	†	0	14	†
Kansas	2	0	-100.0	1	0	-100.0	0	0	†	0	10	†
Kentucky	0	0	†	2	0	-100.0	0	0	†	0	1	†
Louisiana	0	0	†	0	0	†	0	0	†	0	0	†
Maine	0	0	†	2	1	-50.0	0	0	†	0	0	†
Maryland	9	2	-77.8	4	12	200.0	6	4	-33.3	1	13	1,200.0
Massachusetts	0	2	†	2	25	1,150.0	10	0	-100.0	10	0	-100.0
Michigan	285	7	-97.5	12	3	-75.0	3	0	-100.0	1	15	1,400.0
Minnesota	22	0	-100.0	1	2	100.0	0	2	†	0	3	†
Mississippi	0	0	†	0	0	†	0	0	†	0	0	†
Missouri	4	1	-75.0	4	0	-100.0	0	0	†	3	38	1,166.7
Montana	0	0	†	0	0	†	0	0	†	0	0	†
Nebraska	0	1	†	0	0	†	0	0	†	0	0	†
Nevada	0	0	†	1	3	200.0	0	0	†	0	0	†
New Hampshire	2	0	-100.0	0	0	†	0	0	†	1	6	500.0
New Jersey	126	1	-99.2	41	2	-95.1	0	0	†	5	5	0.0
New Mexico	0	0	†	0	1	†	0	0	†	0	0	†
New York	6	2	-66.7	28	1	-96.4	0	0	†	127	177	39.4
North Carolina	44	8	-81.8	0	0	†	0	0	†	0	0	†
North Dakota	0	0	†	0	0	†	0	0	†	0	0	†

See notes at end of table.

Table 23g. Number and percentage change in certificates awarded in science, technology, engineering, and mathematics (STEM) fields to nonresident alien students at Title IV institutions, by level of degree and state: Academic years 2000–01 and 2008–09—Continued

State	Level of certificate											
	Less than 1 year			At least 1 year but less than 2 years			At least 2 years but less than 4 years			Advanced ¹		
	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change	2000 –01	2008 –09	% change
Ohio	2	0	-100.0	9	1	-88.9	0	0	†	0	3	†
Oklahoma	0	2	†	4	2	-50.0	0	0	†	0	3	†
Oregon	1	1	0.0	2	1	-50.0	0	0	†	0	3	†
Pennsylvania	3	1	-66.7	3	0	-100.0	0	0	†	0	10	†
Rhode Island	0	0	†	0	0	†	0	0	†	0	0	†
South Carolina	13	0	-100.0	0	0	†	0	0	†	0	1	†
South Dakota	0	0	†	1	0	-100.0	0	0	†	0	0	†
Tennessee	0	0	†	0	0	†	0	0	†	0	6	†
Texas	15	28	86.7	39	46	17.9	0	0	†	0	8	†
Utah	0	0	†	2	0	-100.0	0	0	†	0	0	†
Vermont	0	0	†	0	0	†	0	0	†	0	0	†
Virginia	0	0	†	1	0	-100.0	0	0	†	6	7	16.7
Washington	6	20	233.3	26	12	-53.8	3	0	-100.0	0	0	†
West Virginia	0	0	†	0	0	†	0	0	†	0	0	†
Wisconsin	0	0	†	0	0	†	0	0	†	0	0	†
Wyoming	0	0	†	1	0	-100.0	0	0	†	0	0	†

† Not applicable.

¹Advanced certificates include the post-baccalaureate, post-masters, and first-professional certificate levels.

NOTE: Science, technology, engineering, and mathematics fields includes computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies. Awards to individuals of Hispanic or Latino ethnicity are included in the Hispanic or Latino category regardless of race.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

National Center for Education Statistics

Table 24. Number of institutions, awards conferred, and awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions leaving or entering the IPEDS universe, by state: Collection years 2001–02 and 2009–10

State	Leaving IPEDS universe before 2009–10 ¹				Entering IPEDS universe after 2001–02 ²			
	Institutions	Awards			Institutions	Awards		
		Total	All STEM fields ³	% all STEM fields		Total	All STEM fields ³	% all STEM fields
United States	918	99,748	13,620	13.7	1,237	185,444	10,333	5.6
Alabama	18	2,519	395	15.7	15	2,730	223	8.2
Alaska	1	21	0	0.0	1	12	0	0.0
Arizona	18	2,603	162	6.2	28	1,580	12	0.8
Arkansas	11	911	88	9.7	11	421	8	1.9
California	133	23,340	4,058	17.4	154	28,662	1,388	4.8
Colorado	9	1,619	560	34.6	27	11,891	875	7.4
Connecticut	8	329	36	10.9	15	998	1	0.1
Delaware	1	110	39	35.5	4	527	0	0.0
District of Columbia	4	536	161	30.0	6	378	62	16.4
Florida	48	4,776	1,015	21.3	114	16,031	757	4.7
Georgia	23	3,900	324	8.3	30	5,234	358	6.8
Hawaii	6	481	24	5.0	3	37	18	48.6
Idaho	3	51	0	0.0	7	378	13	3.4
Illinois	38	2,054	820	39.9	48	14,838	584	3.9
Indiana	10	374	37	9.9	22	1,571	157	10.0
Iowa	7	171	17	9.9	8	381	1	0.3
Kansas	10	3,726	212	5.7	11	518	11	2.1
Kentucky	22	4,044	323	8.0	14	664	78	11.7
Louisiana	19	1,886	259	13.7	22	2,830	60	2.1
Maine	7	111	0	0.0	3	219	0	0.0
Maryland	12	407	73	17.9	14	1,748	166	9.5
Massachusetts	14	910	272	29.9	22	3,384	168	5.0
Michigan	25	2,973	162	5.4	39	4,009	402	10.0
Minnesota	24	1,811	134	7.4	26	2,604	165	6.3
Mississippi	7	146	1	0.7	9	902	20	2.2
Missouri	37	744	40	5.4	36	4,115	203	4.9
Montana	5	229	0	0.0	2	133	0	0.0
Nebraska	2	149	90	60.4	4	689	0	0.0
Nevada	5	369	0	0.0	18	2,857	17	0.6
New Hampshire	5	1,148	138	12.0	10	1,096	35	3.2
New Jersey	21	2,620	626	23.9	29	4,083	443	10.8
New Mexico	9	332	35	10.5	4	241	0	0.0
New York	51	7,015	834	11.9	43	11,395	684	6.0
North Carolina	12	501	4	0.8	31	3,836	149	3.9
North Dakota	0	0	0	†	4	211	0	0.0

See notes at end of table.

Table 24. Number of institutions, awards conferred, and awards conferred in science, technology, engineering, and mathematics (STEM) fields at Title IV institutions leaving or entering the IPEDS universe, by state: Academic years 2001–02 and 2009–10—Continued

State	Leaving IPEDS universe before 2009–10 ¹				Entering IPEDS universe after 2001–02 ²			
	Institutions	Total	Awards		Institutions	Total	Awards	
			All STEM fields ³	% all STEM fields			All STEM fields ³	% all STEM fields
Ohio	31	5,255	155	2.9	64	6,502	518	8.0
Oklahoma	12	903	53	5.9	20	972	110	11.3
Oregon	9	705	96	13.6	9	923	2	0.2
Pennsylvania	77	6,607	946	14.3	35	6,950	576	8.3
Rhode Island	5	236	0	0.0	4	924	0	0.0
South Carolina	4	643	0	0.0	23	1,953	80	4.1
South Dakota	2	156	1	0.6	2	83	0	0.0
Tennessee	13	1,109	31	2.8	33	3,233	77	2.4
Texas	53	6,283	736	11.7	93	17,505	964	5.5
Utah	7	679	88	13.0	27	2,406	143	5.9
Vermont	4	62	0	0.0	3	36	0	0.0
Virginia	34	1,117	172	15.4	31	3,122	320	10.2
Washington	22	2,012	118	5.9	21	2,249	97	4.3
West Virginia	13	424	164	38.7	13	4,341	139	3.2
Wisconsin	5	522	121	23.2	23	2,918	249	8.5
Wyoming	2	119	0	0.0	2	124	0	0.0

† Not applicable.

¹Institutions included in the IPEDS universe in 2001-02 that closed, lost Title IV eligibility, or lost accreditation as of 2009-10.

²Institutions included in the IPEDS universe in 2009-10 that are new, became newly accredited, became newly eligible for Title IV funding, or were restored to Title IV eligibility since 2001-02.

³Science, technology, engineering, and mathematics fields include computer and information sciences, engineering and engineering technologies, biological and biomedical sciences, mathematics and statistics, physical sciences, and science technologies.

NOTE: Awards conferred include both degrees and certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Fall 2009, Completions component.

Glossary

All of the variables that were used in these tables are described in this glossary. The variables were taken directly from IPEDS data collected during the 2009-10 data collection and during the 2001-02 data collection. These data are available for download via the IPEDS Data Center at <http://nces.ed.gov/IPEDS/DataCenter>. In the glossary, the items are listed in alphabetical order by the variable label. The name of each variable appears to the right of the variable label.

LABEL

VARIABLE NAME

American Indian or Alaska Native award count

DVCAIT (2009–10)
CRACE19 (2001–02)

The count of degrees or certificates awarded to students that self identify as having origins in any of the original peoples of North and South America (including Central America) who maintain cultural identification through tribal affiliation or community attachment.

Asian, Native Hawaiian, or Other Pacific Islander award count

DVCAPT (2009–10)
CRACE20 (2001–02)

The count of degrees or certificates awarded to students that self identify as having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian Subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam, or in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

Award count for men

CTOTLM (2009–10)
CRACE15 (2001–02)

The count of degrees or certificates awarded to students that are men.

Award count for women

CTOTLW (2009–10)
CRACE16 (2001–02)

The count of degrees or certificates awarded to students that are women.

Black or African American award count

DVCBKT (2009–10)
CRACE18 (2001–02)

The count of degrees or certificates awarded to students that self identify as having origins in any of the black racial groups of Africa.

Classification of Instructional Programs Code

CIPCODE

The 2000 version of the Classification of Instructional Programs (CIP) Code is a numeric code indicating the major program of study for each degree or certificate reported in the Completions component. For this set of Web Tables, the CIP code was used to classify awards as science, technology, engineering, and mathematics (STEM) field awards. The full list of CIP codes can be viewed at <http://nces.ed.gov/pubs2002/cip2000/ciplist.asp>.

Hispanic or Latino award count

DVCHST (2009–10)
CRACE21 (2001–02)

The count of degrees or certificates awarded to students that self identify as being of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.

Level of award

AWLEVEL

This variable indicates the level of the degree or certificate awarded to a student in a particular field of study. The values are as follows:

- Less-than-1-year certificate
- At-least-1-but-less-than-2-year certificate
- Associate's degree
- At-least-2-but-less-than-4-year certificate
- Bachelor's degree
- Post-baccalaureate certificate

LABEL	VARIABLE NAME
Level of award—continued	AWLEVEL
Master’s degree	
Post-master’s certificate	
Doctor’s degree	
First-professional degree	
First-professional certificate	
Doctor’s degree—research/scholarship	
Doctor’s degree—professional practice	
Doctor’s degree—other	
Nonresident alien award count	CNRALT (2009–10) CRACE17 (2001–02)
The count of degrees or certificates awarded to students who are not citizens or nationals of the United States and who are in this country on a visa or temporary basis and do not have the right to remain indefinitely.	
Race/ethnicity unknown award count	CUNKNT (2009–10) CRACE23 (2001–02)
The count of degrees or certificates awarded to students that did not select a racial/ethnic designation, and who the postsecondary institution finds it impossible to place into one of the racial/ethnic categories during established enrollment procedures or in any post-enrollment identification or verification process.	
Science, technology, engineering, and mathematics (STEM) fields	CIPCODE
The list of programs included in STEM was selected from the Immigration and Customs Enforcement (ICE) list of programs approved for the STEM extension of optional practical training. The ICE list can be viewed at http://www.ice.gov/sevis/stemlist.htm .	
Title IV postsecondary institution indicator	PSET4FLG
The purpose of this indicator is to make it easy to select institutions in the IPEDS universe. The categories in use with this indicator are as follows:	
<ul style="list-style-type: none"> Title IV postsecondary institution Non-Title IV postsecondary institution Title IV not primarily postsecondary institution Non-Title IV not primarily postsecondary institution Non-Title IV postsecondary institution that is not open to the public Institution is not active in the current universe 	
Two or More Races award count	C2MORT (2009-10)
The count of degrees or certificates awarded to students that selected more than one race during self identification.	
White award count	DVCWHT (2009–10) CRACE22 (2001–02)
The count of degrees or certificates awarded to students that self identify as having origins in any of the original peoples of Europe, the Middle East, or North Africa.	

