

# 2018

Annual Report of South Dakota

# Job Placement Outcomes

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for Graduates of Public  
Postsecondary Education Institutions





## 2018 Annual Report of South Dakota Job Placement Outcomes for Graduates of Public Postsecondary Education Institutions *Submitted January 2019*

### **Summary**

Per SDCL 13-1-63 and 13-1-64, this annual report is submitted to the Executive Board of the Legislative Research Council to provide annual job placement outcomes for graduates of postsecondary education institutions. The South Dakota Department of Labor and Regulation (DLR) is the agency responsible for providing the annual report.

As noted by the Data Quality Campaign ([www.dataqualitycampaign.org](http://www.dataqualitycampaign.org)), publicly reporting timely, actionable, and comprehensible education data is one of the most powerful ways states can promote transparency, strengthen accountability, and ensure everyone with a stake in education has access to the information they need to make informed career decisions.

### **Workforce Data Quality Initiative**

This report provides data from the Workforce Data Quality Initiative (WDQI) longitudinal database, known as the South Dakota Postsecondary Graduate Employment and Wage Outcomes system. This system launched in July 2015 and is found online at [http://dlr.sd.gov/graduate\\_outcomes](http://dlr.sd.gov/graduate_outcomes). DLR's Labor Market Information Center (LMIC) received a \$946,000 grant from a 2012 WDQI federal grant solicitation to build this longitudinal system. Since the ending of the WDQI grant, LMIC funds available through the U.S. Employment and Training Administration's Workforce Information Grant have been used to continue supporting Graduate Employment Wage Outcomes projects.

The post-secondary graduate outcomes system matches unemployment insurance wage data with postsecondary program completers to develop average wage outcomes, which will be analyzed to determine the effectiveness of postsecondary workforce and educational programs. This data match is also an essential step in creating the most effective workforce development strategies.

The system also provides students, job seekers, career counselors, educators and policy makers with a better understanding about the connections between postsecondary education choices and employment outcomes.

Providing this information is possible through a joint collaboration between the DLR, Board of Regents and Department of Education. Additional labor market information, employment projections, wage information and career resources are available at <http://www.sdjobs.org/lmic/>.

## Definitions

**Classification of Instructional Programs (CIP) Code and Description:** The Classification of Instructional Programs (CIP) is a universal classification system provided by the U.S. Department of Education. CIP codes are published at the six-digit level in the report.

### Degrees:

AA - Associate of Arts	EDD – Doctorate of Education
AAS – Associate of Applied Science	EDS – Educational Specialist
AS –Associate of Science	EMPA – Executive Master of Public Policy and Administration
AUD – Doctorate of Audiology	JD – Juris Doctorate
BA – Bachelor of Arts	MA – Master of Arts
BATS – Bachelor of Applied Technical Science	MARCH – Master of Architecture
BBA – Bachelor of Business Administration	MBA – Master of Business Administration
BFA – Bachelor of Fine Arts	MD – Doctorate of Medicine
BGS – Bachelor of General Studies	MED – Master of Education
BLS – Bachelor of Liberal Studies	MFA – Master of Fine Arts
BM – Bachelor of Music	MM – Master of Management
BMA – Master of Business Administration	MMC – Master of Mass Communications
BME – Bachelor of Music Education	MPA – Master of Public Administration
BS – Bachelor of Science	MPACC – Master of Professional Accounting
BSED – Bachelor of Science in Education	MS – Master of Science
BSN – Bachelor of Science in Nursing	MSED – Master of Science Education
BSR – Bachelor of Science in Recreation	MSW – Master of Social Work
DIP – Diploma	PHD – Doctorate of Philosophy
DNP – Doctorate of Nursing Practice	PHRMD – Doctorate of Pharmacy
DPT – Doctorate of Physical Therapy	TDTP – Transitional Doctorate of Physical Therapy
DSC – Doctorate of Science	

**Graduation Fiscal Year:** The fiscal year (July through June) for which the graduate outcomes data is presented. This report includes data on graduation fiscal year 2016 (July 1, 2015 through June 30, 2016).

**Number of Graduates:** Count of individuals who graduated in the given graduation fiscal year (July through June). Information is provided by the degrees awarded. The number of graduates is indicated as NA if there were fewer than five graduates. The report includes data for graduates in fiscal year 2016.

**Number of Graduates Earning Wages in South Dakota:** Number of graduates who were reported as wage earners in 2017 by South Dakota employers to the South Dakota Department of Labor and Regulation in quarterly reports to the Unemployment Insurance (UI) program. The number of graduates earning wages in South Dakota is displayed as NA if it is fewer than five individuals.

**Number of Jobs Held by Graduates Earning Wages in South Dakota:** Total number of jobs held by those graduates in the "Number of Graduates Earning Wages in South Dakota" column. This number includes all jobs held by the graduates reported as wage earners in 2017 by South Dakota employers to the South Dakota Department of Labor and Regulation in quarterly reports to the Unemployment Insurance (UI) program. (Graduates holding more than one job are counted for each job.)

**Average Annual Wage:** Wage data is displayed in the report for the year 2017. The aggregate wage data includes a minimum of three quarters of actual wage data per graduate in a calendar year. The report does not include wages for the self-employed or for employment in businesses that are not covered by unemployment insurance in South Dakota. The wage data may include graduates who are reported as wage earners by more than one employer (graduates who hold more than one job).

The Average Annual Wage represents the arithmetic mean of the wage data collected for the number graduates earnings wages in South Dakota in 2017, calculated by dividing the total wages for graduates earning wages in South Dakota by the number of graduate wage earners, within a CIP code. The average wage is also referred to as the mean wage. The average wage may include the wages of graduates who are reported as wage earners by more than one employer (graduates who hold more than one job). In this case, total wages for all jobs are divided by the number of graduates holding jobs.

**NA:** Data not available due to protect confidentiality of individuals.

**NR:** No graduates were reported for the particular program in the given year OR none of the graduates reported met the criteria as being wage earners in South Dakota.

## **Purpose**

The South Dakota Postsecondary Graduate Employment and Wage Outcomes application provides students, job seekers, career counselors, educators and policy makers with a better understanding about the connections between postsecondary education choices and employment outcomes.

This application can help answer questions users might have, including:

- What percent of graduates are employed in South Dakota?
- How much are those graduates earning in South Dakota?
- In what industries are graduates employed in South Dakota?

## Data Sources and Methodology

Workforce and education data were made available through a joint collaboration of the following state agencies:

- Department of Labor and Regulation (DLR) - workforce data
- Board of Regents (BOR) - state university system
- Department of Education (DOE) - state technical institutes

Social Security numbers for students enrolled in public postsecondary institutions were followed through the education system into the workforce longitudinally using South Dakota Unemployment Insurance (UI) wage records.

Graduate outcome results are aggregated and are published only if there are five or more graduates within a postsecondary education program with valid wage records. Reports will reflect new graduates after completion of the graduation year (using a July through June year).

## Data Limitations

- A degree or award has a value beyond employment and earnings. Personal interest and satisfaction resulting from completion of a program are intangible benefits that cannot be measured through this tool's data.
- The job market varies across the state and over time. Past outcomes cannot predict the market success of future graduates in all locations.
- Graduate numbers reflect degrees awarded, resulting in duplication of graduates from a macro level. (A graduate with a double major who received two degrees is counted as a graduate for each major.)
- Outcomes represent only the graduates who are reported as wage earners by South Dakota employers in quarterly reports submitted to the Unemployment Insurance program. Although about 95 percent of South Dakota workers are covered by unemployment insurance, people who are employed by federal agencies, the self-employed and those employed in other states are excluded.
- Wage and industry employment outcomes may include data on graduates who are earning wages from multiple jobs.
- Wage and industry employment outcomes may include data on graduates who re-enrolled in school after completing a degree, if they met the wage earning criteria (having been reported as a wage earner for a minimum of three quarters in a calendar year).
- Since the quarterly employment and wage reports submitted to the Unemployment Insurance program by South Dakota employers do not identify the number of hours employees work, average and median wage estimates may reflect the earnings of both full- and part-time workers.
- Work outcomes for programs with few graduates can fluctuate significantly over time.
- The data cannot be used to evaluate the overall return on investment of postsecondary education compared to no postsecondary education, because South Dakota does not have the ability to link high school graduate records to workforce records. Additionally, the wage records do not include the value of such factors as employee benefits, working conditions, etc.

*Source: South Dakota Postsecondary Graduate Outcomes System, Labor Market Information Center, SD Department of Labor and Regulation, January 2019.*

**Board of Regents Graduate Outcomes Data**  
**Fiscal Year 2016 Graduates Earning Wages in South Dakota 2017**  
**Tabulations by CIP Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduates Earning Wages in SD	Average Annual Wage
010000	Agriculture, Agriculture Operations, and Related Sciences	BS	52	7	7	\$36,878
010000	Agriculture, Agriculture Operations, and Related Sciences	AS	19	5	7	\$19,175
010000	Agriculture, General	BS	52	7	7	\$36,878
010000	Agriculture, General	AS	19	5	7	\$19,175
010000	Agriculture, General	BS	52	7	7	\$36,878
010000	Agriculture, General	AS	19	5	7	\$19,175
010102	Agribusiness/Agricultural Business Operations	BS	71	29	31	\$38,896
010103	Agricultural Economics	BS	N/A	N/A	N/A	\$44,304
010201	Agricultural Mechanization, General	BS	35	11	11	\$44,526
010601	Applied Horticulture/Horticulture Operations, General	BS	9	N/A	N/A	\$22,070
010605	Landscaping and Groundskeeping	BS	N/A	N/A	N/A	\$32,683
010901	Animal Sciences, General	BS	80	23	28	\$30,247
010901	Animal Sciences, General	MS	12	N/A	N/A	\$39,902
010905	Dairy Science	BS	13	N/A	N/A	\$64,679
011102	Agronomy and Crop Science	BS	48	22	23	\$49,574
011102	Agronomy and Crop Science	MS	9	N/A	N/A	\$41,655
011106	Range Science and Management	BS	6	N/A	N/A	\$45,971
030104	Environmental Science	BS	6	N/A	N/A	\$22,387
030601	Wildlife, Fish and Wildlands Science and Management	MS	6	N/A	21	\$15,936
030601	Wildlife, Fish and Wildlands Science and Management	BS	45	20	22	\$26,459
040201	Architecture	MARCH	10	5	23	\$15,308
040201	Architecture	BS	9	N/A	N/A	\$25,363
050202	American Indian/Native American Studies	BA	N/A	N/A	N/A	\$29,985
090101	Speech Communication and Rhetoric	BS	25	11	11	\$29,064
090101	Speech Communication and Rhetoric	MA	8	N/A	N/A	\$30,196
090102	Mass Communication/Media Studies	MMC	N/A	N/A	N/A	\$53,152
090102	Mass Communication/Media Studies	BA	29	14	15	\$23,861
090102	Mass Communication/Media Studies	BS	54	30	35	\$20,509

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090401	Journalism	BA	N/A	N/A	N/A	\$16,228
090401	Journalism	BS	21	9	9	\$27,798
090499	Journalism, Other	MS	7	N/A	N/A	\$40,918
090903	Advertising	BA	6	N/A	N/A	\$13,971
090903	Advertising	BS	24	14	16	\$25,366
090999	Public Relations, Advertising, and Applied Communication, Other	BS	N/A	N/A	N/A	\$32,469
110101	Computer and Information Sciences, General	MS	30	8	26	\$21,334
110101	Computer and Information Sciences, General	BS	77	34	52	\$33,486
110401	Information Science/Studies	BS	16	6	6	\$54,267
110401	Information Science/Studies	MS	52	5	184	\$37,785
110401	Information Science/Studies	DSC	6	N/A	N/A	\$32,764
110401	Information Science/Studies	BBA	N/A	N/A	N/A	\$48,931
110803	Computer Graphics	BS	12	7	10	\$20,391
110899	Computer Software and Media Applications, Other	BS	10	N/A	22	\$14,603
111002	System, Networking, and LAN/WAN Management/Manager	BS	20	11	11	\$34,573
111002	System, Networking, and LAN/WAN Management/Manager	AS	12	7	7	\$39,316
111003	Computer and Information Systems Security/Information Assurance	MS	21	5	23	\$21,611
111003	Computer and Information Systems Security/Information Assurance	BS	44	25	44	\$30,106
130301	Curriculum and Instruction	MED	5	N/A	22	\$13,469
130301	Curriculum and Instruction	MS	45	41	48	\$41,819
130301	Curriculum and Instruction	MSED	52	37	43	\$41,254
130301	Curriculum and Instruction	EDD	6	N/A	N/A	\$63,302
130401	Educational Leadership and Administration, General	EDD	27	12	14	\$63,891
130401	Educational Leadership and Administration, General	EDS	30	17	18	\$66,105
130401	Educational Leadership and Administration, General	MED	11	7	7	\$59,466
130401	Educational Leadership and Administration, General	MA	52	18	18	\$54,057
130499	Educational Administration and Supervision, Other	MSED	7	N/A	N/A	\$47,203
130501	Educational/Instructional Technology	MS	7	5	5	\$38,386

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130501	Educational/Instructional Technology	MSED	7	N/A	N/A	\$35,788
131001	Special Education and Teaching, General	MA	15	14	16	\$39,993
131001	Special Education and Teaching, General	BSED	72	43	50	\$30,340
131099	Special Education and Teaching, Other	BSED	15	12	17	\$25,790
131101	Counselor Education/School Counseling and Guidance Services	MSED	19	9	12	\$26,875
131202	Elementary Education and Teaching	MA	11	10	12	\$36,477
131202	Elementary Education and Teaching	BSED	192	107	125	\$30,110
131205	Secondary Education and Teaching	MS	21	10	10	\$23,493
131205	Secondary Education and Teaching	MA	N/A	N/A	N/A	\$40,656
131209	Kindergarten/Preschool Education and Teaching	BSED	14	7	9	\$30,963
131210	Early Childhood Education and Teaching	BS	66	36	43	\$24,311
131301	Agricultural Teacher Education	BS	35	11	16	\$18,866
131302	Art Teacher Education	BS	N/A	N/A	N/A	\$44,477
131302	Art Teacher Education	BFA	7	N/A	N/A	\$16,624
131303	Business Teacher Education	BSED	N/A	N/A	N/A	\$21,585
131305	English/Language Arts Teacher Education	BSED	7	5	7	\$30,673
131307	Health Teacher Education	BS	33	18	23	\$22,259
131308	Family and Consumer Sciences/Home Economics Teacher Education	BS	N/A	N/A	N/A	\$37,022
131311	Mathematics Teacher Education	BSED	7	N/A	7	\$21,389
131312	Music Teacher Education	BME	38	18	21	\$30,522
131312	Music Teacher Education	BSED	N/A	N/A	N/A	\$42,600
131314	Physical Education Teaching and Coaching	MA	15	10	13	\$23,034
131314	Physical Education Teaching and Coaching	BS	59	18	26	\$16,420
131314	Physical Education Teaching and Coaching	BSED	25	10	12	\$28,643
131315	Reading Teacher Education	MED	8	N/A	N/A	\$42,141
131316	Science Teacher Education/General Science Teacher Education	BSED	6	N/A	5	\$34,147
131322	Biology Teacher Education	BSED	6	6	6	\$43,123
131328	History Teacher Education	BSED	6	N/A	N/A	\$42,749



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131331	Speech Teacher Education	BSED	N/A	N/A	N/A	\$19,865
140301	Agricultural Engineering	MS	8	N/A	N/A	\$59,928
140301	Agricultural Engineering	BS	10	N/A	N/A	\$58,774
140301	Agricultural Engineering	PHD	N/A	N/A	N/A	\$50,418
140501	Bioengineering and Biomedical Engineering	PHD	N/A	N/A	N/A	\$46,621
140501	Bioengineering and Biomedical Engineering	MS	N/A	N/A	N/A	\$45,447
140701	Chemical Engineering	PHD	N/A	N/A	N/A	\$59,319
140701	Chemical Engineering	BS	31	5	5	\$49,428
140701	Chemical Engineering	MS	6	N/A	N/A	\$18,766
140801	Civil Engineering, General	MS	26	6	79	\$12,341
140801	Civil Engineering, General	BS	78	30	30	\$53,527
140901	Computer Engineering, General	BS	7	N/A	N/A	\$65,375
141001	Electrical and Electronics Engineering	BS	33	9	9	\$57,653
141001	Electrical and Electronics Engineering	MS	20	N/A	N/A	\$40,550
141801	Materials Engineering	MS	7	N/A	N/A	\$78,210
141901	Mechanical Engineering	MS	26	5	183	\$12,843
141901	Mechanical Engineering	BS	150	54	72	\$40,289
142001	Metallurgical Engineering	BS	17	N/A	5	\$32,128
142101	Mining and Mineral Engineering	BS	27	N/A	21	\$13,186
142101	Mining and Mineral Engineering	MS	10	N/A	21	\$17,878
143301	Construction Engineering	MS	7	N/A	N/A	\$52,837
143501	Industrial Engineering	BS	16	N/A	N/A	\$26,868
143901	Geological/Geophysical Engineering	MS	5	N/A	N/A	\$22,567
143901	Geological/Geophysical Engineering	BS	18	5	6	\$34,512
149999	Engineering, Other	PHD	N/A	N/A	N/A	\$37,739
150303	Electrical, Electronic and Communications Engineering Technology/Technician	BS	N/A	N/A	N/A	\$40,457
150612	Industrial Technology/Technician	BATS	N/A	N/A	N/A	\$46,812
150612	Industrial Technology/Technician	BS	8	5	5	\$42,494

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150612	Industrial Technology/Technician	AS	N/A	N/A	N/A	\$24,054
151001	Construction Engineering Technology/Technician	BS	37	23	24	\$44,627
151001	Construction Engineering Technology/Technician	MS	N/A	N/A	N/A	\$48,568
151501	Engineering/Industrial Management	BS	N/A	N/A	N/A	\$56,999
151501	Engineering/Industrial Management	MS	16	N/A	77	\$14,322
160501	German Language and Literature	BA	N/A	N/A	N/A	\$62,425
160901	French Language and Literature	BA	8	5	6	\$22,386
160905	Spanish Language and Literature	BA	40	14	15	\$25,405
190401	Family Resource Management Studies, General	MS	10	6	7	\$35,296
190402	Consumer Economics	BS	29	16	17	\$30,445
190501	Foods, Nutrition, and Wellness Studies, General	BS	N/A	N/A	N/A	\$26,124
190504	Human Nutrition	MS	13	9	9	\$34,121
190504	Human Nutrition	PHD	N/A	N/A	N/A	\$52,320
190701	Human Development and Family Studies, General	BS	64	33	40	\$20,929
190905	Apparel and Textile Marketing Management	BS	14	5	25	\$14,605
220101	Law	JD	58	35	36	\$40,678
230101	English Language and Literature, General	MA	12	5	5	\$31,975
230101	English Language and Literature, General	BSED	12	6	6	\$29,932
230101	English Language and Literature, General	BA	46	19	40	\$17,305
230101	English Language and Literature, General	BS	15	7	7	\$24,227
231303	Professional, Technical, Business, and Scientific Writing	BS	N/A	N/A	N/A	\$11,435
231304	Rhetoric and Composition	BA	9	N/A	N/A	\$25,770
231304	Rhetoric and Composition	BS	N/A	N/A	N/A	\$20,106
239999	English Language and Literature/Letters, Other	BS	7	N/A	N/A	\$25,207
240101	Liberal Arts and Sciences/Liberal Studies	BS	14	N/A	N/A	\$35,312
240101	Liberal Arts and Sciences/Liberal Studies	MA	9	N/A	N/A	\$19,243
240102	General Studies	BGS	95	41	51	\$30,746
240102	General Studies	AA	96	47	51	\$27,237

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260101	Biology/Biological Sciences, General	MS	34	9	27	\$21,633
260101	Biology/Biological Sciences, General	BS	189	79	88	\$22,231
260101	Biology/Biological Sciences, General	AS	25	13	15	\$15,323
260101	Biology/Biological Sciences, General	PHD	12	N/A	N/A	\$63,864
260101	Biology/Biological Sciences, General	BSED	N/A	N/A	N/A	\$42,169
260102	Biomedical Sciences, General	PHD	N/A	N/A	N/A	\$24,744
260102	Biomedical Sciences, General	BS	36	10	14	\$14,235
260202	Biochemistry	PHD	N/A	N/A	N/A	\$29,301
260202	Biochemistry	BS	6	N/A	N/A	\$15,608
260502	Microbiology, General	BS	15	5	23	\$13,710
261201	Biotechnology	AS	7	N/A	N/A	\$30,432
261201	Biotechnology	BS	20	6	6	\$26,739
261301	Ecology	BS	9	6	6	\$24,053
269999	Biological and Biomedical Sciences, Other	BS	13	7	7	\$31,863
270101	Mathematics, General	BS	41	18	22	\$26,529
270101	Mathematics, General	BSED	7	N/A	N/A	\$38,171
270501	Statistics, General	MS	6	N/A	N/A	\$64,262
270503	Mathematics and Statistics	BS	N/A	N/A	5	\$21,492
302001	International/Global Studies	BA	18	5	5	\$31,711
303301	Sustainability Studies	BA	N/A	N/A	N/A	\$17,997
303301	Sustainability Studies	BS	N/A	N/A	N/A	\$57,405
309999	Multi-/Interdisciplinary Studies, Other	BS	9	N/A	N/A	\$29,676
310301	Parks, Recreation and Leisure Facilities Management, General	BS	25	13	15	\$23,059
310501	Health and Physical Education/Fitness, General	BS	26	10	11	\$21,791
310501	Health and Physical Education/Fitness, General	MS	8	N/A	N/A	\$40,317
310501	Health and Physical Education/Fitness, General	MSED	9	N/A	N/A	\$37,441
310504	Sport and Fitness Administration/Management	BS	56	19	21	\$27,081
310505	Kinesiology and Exercise Science	BS	11	5	5	\$15,866

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310599	Health and Physical Education/Fitness, Other	BS	29	12	12	\$24,010
310601	Outdoor Education	BS	7	N/A	N/A	\$8,960
400101	Physical Sciences	BS	N/A	N/A	N/A	\$22,515
400401	Atmospheric Sciences and Meteorology, General	MS	9	N/A	N/A	\$31,536
400501	Chemistry, General	BS	34	8	8	\$22,219
400501	Chemistry, General	PHD	5	N/A	N/A	\$19,292
400501	Chemistry, General	MS	15	N/A	20	\$11,205
400601	Geology/Earth Science, General	BS	14	N/A	N/A	\$23,911
400604	Paleontology	MS	6	N/A	N/A	\$40,110
400801	Physics, General	BS	17	N/A	N/A	\$37,863
401002	Materials Chemistry	PHD	7	N/A	N/A	\$47,960
409999	Physical Sciences, Other	BS	N/A	N/A	N/A	\$44,961
420101	Psychology, General	BS	215	98	135	\$18,617
420101	Psychology, General	BA	13	N/A	N/A	\$9,716
420101	Psychology, General	MA	8	N/A	N/A	\$9,894
422803	Counseling Psychology	MED	12	9	28	\$19,706
422803	Counseling Psychology	PHD	6	N/A	N/A	\$52,843
422803	Counseling Psychology	MS	40	26	30	\$31,024
422803	Counseling Psychology	EDS	10	5	5	\$56,544
422803	Counseling Psychology	MA	25	12	13	\$28,618
430104	Criminal Justice/Safety Studies	BS	46	23	27	\$25,272
430104	Criminal Justice/Safety Studies	BA	20	13	13	\$30,985
440000	Public Administration and Social Service Professions	MS	53	14	14	\$55,026
440000	Human Services, General	MS	53	14	14	\$55,026
440000	Human Services, General	MS	53	14	14	\$55,026
440201	Community Organization and Advocacy	BS	28	21	25	\$21,456
440401	Public Administration	MPA	8	5	7	\$39,520
440401	Public Administration	EMPA	15	5	5	\$70,711

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450101	Social Sciences, General	BS	N/A	N/A	N/A	\$15,895
450101	Social Sciences, General	BS	N/A	N/A	N/A	\$31,637
450201	Anthropology	BA	6	N/A	N/A	\$20,432
450201	Anthropology	BS	N/A	N/A	N/A	\$9,061
450601	Economics, General	BBA	7	N/A	N/A	\$40,287
450601	Economics, General	BA	11	N/A	N/A	\$32,981
450601	Economics, General	BS	80	46	50	\$32,182
450701	Geography	BS	7	N/A	N/A	\$6,908
450701	Geography	MS	7	N/A	77	\$11,545
450702	Geographic Information Science and Cartography	BS	5	N/A	N/A	\$8,513
451001	Political Science and Government, General	PHD	N/A	N/A	N/A	\$65,869
451001	Political Science and Government, General	BS	42	18	21	\$20,401
451001	Political Science and Government, General	MA	5	N/A	N/A	\$41,582
451001	Political Science and Government, General	BA	33	10	84	\$11,002
451101	Sociology	BS	65	43	49	\$24,528
451101	Sociology	BA	18	12	12	\$31,501
451101	Sociology	MS	10	N/A	N/A	\$28,241
490101	Aeronautics/Aviation/Aerospace Science and Technology, General	BS	N/A	N/A	N/A	\$40,638
500101	Visual and Performing Arts, General	BA	N/A	N/A	N/A	\$7,608
500402	Commercial and Advertising Art	AS	N/A	N/A	N/A	\$18,343
500402	Commercial and Advertising Art	BS	19	8	9	\$14,922
500408	Interior Design	BS	8	N/A	N/A	\$50,083
500409	Graphic Design	BS	25	16	17	\$27,935
500409	Graphic Design	BA	5	5	5	\$27,622
500501	Drama and Dramatics/Theatre Arts, General	BFA	9	N/A	N/A	\$40,702
500501	Drama and Dramatics/Theatre Arts, General	BS	N/A	N/A	N/A	\$9,658
500501	Drama and Dramatics/Theatre Arts, General	BA	N/A	N/A	N/A	\$7,079
500701	Art/Art Studies, General	BS	13	N/A	N/A	\$28,076

**Board of Regents Graduate Outcomes Data**  
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**Tabulations by CIP Code and Degree**

<b>CIP Code</b>	<b>CIP Description</b>	<b>Degree</b>	<b>Number of Graduates</b>	<b>Number of Graduates Earning Wages in SD</b>	<b>Number of Jobs Held by Graduates Earning Wages in SD</b>	<b>Average Annual Wage</b>
500701	Art/Art Studies, General	BA	9	5	6	\$27,928
500701	Art/Art Studies, General	BSED	12	N/A	5	\$17,996
500701	Art/Art Studies, General	BFA	8	N/A	6	\$14,375
500701	Art/Art Studies, General	MFA	5	N/A	5	\$26,851
500702	Fine/Studio Arts, General	BA	N/A	N/A	N/A	\$22,550
500702	Fine/Studio Arts, General	BS	7	N/A	N/A	\$14,492
500901	Music, General	BS	N/A	N/A	N/A	\$6,671
500901	Music, General	BA	15	7	10	\$16,133
500901	Music, General	MM	10	N/A	5	\$33,424
500901	Music, General	MME	N/A	N/A	N/A	\$29,290
500903	Music Performance, General	BM	N/A	N/A	N/A	\$13,384
510000	Health Professions and Related Programs	BS	111	47	56	\$24,100
510000	Health Services/Allied Health/Health Sciences, General	BS	111	47	56	\$24,100
510000	Health Services/Allied Health/Health Sciences, General	BS	111	47	56	\$24,100
510201	Communication Sciences and Disorders, General	BA	N/A	N/A	N/A	\$13,256
510201	Communication Sciences and Disorders, General	MA	24	14	17	\$40,396
510201	Communication Sciences and Disorders, General	BS	18	N/A	N/A	\$11,227
510202	Audiology/Audiologist	AUD	7	N/A	N/A	\$75,564
510602	Dental Hygiene/Hygienist	BS	30	15	16	\$43,126
510702	Hospital and Health Care Facilities Administration/Management	BBA	19	14	15	\$32,183
510706	Health Information/Medical Records Administration/Administrator	BS	16	7	9	\$30,892
510707	Health Information/Medical Records Technology/Technician	AS	16	11	14	\$31,877
510908	Respiratory Care Therapy/Therapist	BS	N/A	N/A	N/A	\$34,105
510908	Respiratory Care Therapy/Therapist	AS	19	15	18	\$36,579
510912	Physician Assistant	MS	25	12	12	\$98,879
510913	Athletic Training/Trainer	BS	14	7	8	\$13,075
510913	Athletic Training/Trainer	MS	N/A	N/A	N/A	\$41,851
511005	Clinical Laboratory Science/Medical Technology/Technologist	BS	27	17	17	\$53,387

**Board of Regents Graduate Outcomes Data**  
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**Tabulations by CIP Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduates Earning Wages in SD	Average Annual Wage
511201	Medicine	MD	55	5	5	\$67,932
511501	Substance Abuse/Addiction Counseling	BS	25	12	13	\$25,599
511501	Substance Abuse/Addiction Counseling	MA	12	6	6	\$31,882
511503	Clinical/Medical Social Work	MSW	47	29	32	\$37,100
511503	Clinical/Medical Social Work	BS	30	18	21	\$24,032
512001	Pharmacy	PHRMD	76	27	30	\$83,360
512003	Pharmaceutics and Drug Design	BS	79	52	59	\$6,543
512306	Occupational Therapy/Therapist	MS	26	10	11	\$54,364
512308	Physical Therapy/Therapist	DPT	24	11	13	\$53,859
512308	Physical Therapy/Therapist	TDPT	6	N/A	N/A	\$44,273
512706	Medical Informatics	MS	10	N/A	75	\$10,575
513101	Dietetics/Dietitian	MS	6	N/A	20	\$13,251
513101	Dietetics/Dietitian	BS	19	10	12	\$24,032
513801	Registered Nursing/Registered Nurse	MS	11	5	5	\$68,758
513801	Registered Nursing/Registered Nurse	PHD	6	N/A	N/A	\$92,178
513801	Registered Nursing/Registered Nurse	BSN	589	377	426	\$46,297
513801	Registered Nursing/Registered Nurse	AS	16	13	17	\$36,564
513801	Registered Nursing/Registered Nurse	DNP	22	13	14	\$83,793
520201	Business Administration and Management, General	AS	10	6	8	\$22,267
520201	Business Administration and Management, General	BS	115	69	72	\$33,872
520201	Business Administration and Management, General	BBA	82	43	51	\$30,862
520201	Business Administration and Management, General	MBA	75	25	27	\$64,596
520205	Operations Management and Supervision	MS	6	N/A	N/A	\$61,615
520205	Operations Management and Supervision	BS	18	7	7	\$32,669
520301	Accounting	BS	19	13	15	\$34,615
520301	Accounting	MPACC	31	6	6	\$69,839
520301	Accounting	BBA	54	20	22	\$35,217
520701	Entrepreneurship/Entrepreneurial Studies	BS	28	17	17	\$35,460

**Board of Regents Graduate Outcomes Data**  
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**Tabulations by CIP Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduates Earning Wages in SD	Average Annual Wage
520801	Finance, General	BBA	20	12	13	\$41,427
520801	Finance, General	BS	5	N/A	N/A	\$59,520
520803	Banking and Financial Support Services	BS	8	7	9	\$29,293
520803	Banking and Financial Support Services	AS	N/A	N/A	N/A	\$16,265
520803	Banking and Financial Support Services	MS	N/A	N/A	N/A	\$58,541
520901	Hospitality Administration/Management, General	BS	15	7	11	\$15,203
520903	Tourism and Travel Services Management	AS	N/A	N/A	N/A	\$16,297
521001	Human Resources Management/Personnel Administration, General	BBA	6	N/A	N/A	\$34,894
521003	Organizational Behavior Studies	MS	19	N/A	N/A	\$56,565
521101	International Business/Trade/Commerce	BA	N/A	N/A	N/A	\$28,260
521201	Management Information Systems, General	BS	5	N/A	N/A	\$37,975
521401	Marketing/Marketing Management, General	BS	13	6	6	\$46,469
521401	Marketing/Marketing Management, General	BBA	27	12	13	\$32,066
540101	History, General	BSED	10	6	8	\$23,331
540101	History, General	BS	43	21	25	\$22,577
540101	History, General	BA	39	21	23	\$24,804
540101	History, General	MA	N/A	N/A	N/A	\$26,309



**Technical Institutes Graduate Outcomes Data**  
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**Tabulation by CIP Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduates Earning Wages in SD	Average Annual Wage
010205	Agricultural Mechanics and Equipment/Machine Technology	AAS	18	14	16	\$30,363
010301	Agricultural Production Operations, General	AAS	34	26	26	\$37,467
010601	Applied Horticulture/Horticulture Operations, General	AAS	11	7	7	\$26,719
010605	Landscaping and Groundskeeping	AAS	13	6	6	\$30,161
010607	Turf and Turfgrass Management	AAS	9	5	5	\$27,889
090799	Radio, Television, and Digital Communication, Other	AAS	17	6	6	\$32,469
100303	Prepress/Desktop Publishing and Digital Imaging Design	AAS	15	7	7	\$23,792
100304	Animation, Interactive Technology, Video Graphics and Special Effects	AAS	N/A	N/A	N/A	\$8,596
110201	Computer Programming/Programmer, General	AAS	14	12	12	\$44,797
110701	Computer Science	AAS	9	5	5	\$30,008
110901	Computer Systems Networking and Telecommunications	AAS	25	20	21	\$37,338
110901	Computer Systems Networking and Telecommunications	DIP	11	10	11	\$24,679
111001	Network and System Administration/Administrator	AAS	20	13	14	\$35,847
111003	Computer and Information Systems Security/Information Assurance	AAS	8	6	7	\$32,912
119999	Computer and Information Sciences and Support Services, Other	DIP	31	23	24	\$40,591
120401	Cosmetology/Cosmetologist, General	DIP	30	14	17	\$14,025
120503	Culinary Arts/Chef Training	AAS	16	10	10	\$28,985
120503	Culinary Arts/Chef Training	DIP	N/A	N/A	N/A	\$23,026
150101	Architectural Engineering Technology/Technician	AAS	13	9	11	\$30,042
150201	Civil Engineering Technology/Technician	AAS	16	12	16	\$33,724
150303	Electrical, Electronic and Communications Engineering Technology/Technician	AAS	N/A	N/A	N/A	\$44,404
150305	Telecommunications Technology/Technician	AAS	13	8	8	\$43,771
150401	Biomedical Technology/Technician	AAS	15	6	6	\$35,132
150403	Electromechanical Technology/Electromechanical Engineering Technology	AAS	16	14	16	\$36,074
150405	Robotics Technology/Technician	AAS	8	5	7	\$34,759
150406	Automation Engineer Technology/Technician	AAS	8	5	6	\$49,535
150501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician	AAS	N/A	N/A	N/A	\$27,455
150501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician	DIP	12	8	8	\$35,138
150503	Energy Management and Systems Technology/Technician	AAS	10	N/A	5	\$34,418
150599	Environmental Control Technologies/Technicians, Other	AAS	6	5	6	\$25,712
150613	Manufacturing Engineering Technology/Technician	AAS	5	N/A	N/A	\$38,360
150614	Welding Engineering Technology/Technician	AAS	10	8	11	\$30,367
150614	Welding Engineering Technology/Technician	DIP	7	5	5	\$31,469

**Technical Institutes Graduate Outcomes Data**  
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**Tabulation by CIP Code and Degree**

<b>CIP Code</b>	<b>CIP Description</b>	<b>Degree</b>	<b>Number of Graduates</b>	<b>Number of Graduates Earning Wages in SD</b>	<b>Number of Jobs Held by Graduates Earning Wages in SD</b>	<b>Average Annual Wage</b>
150805	Mechanical Engineering/Mechanical Technology/Technician	AAS	11	8	8	\$44,946
151001	Construction Engineering Technology/Technician	AAS	15	12	13	\$41,085
151102	Surveying Technology/Surveying	AAS	13	11	15	\$33,112
151301	Drafting and Design Technology/Technician, General	AAS	11	7	7	\$26,517
190708	Child Care and Support Services Management	AAS	26	22	32	\$14,639
190709	Child Care Provider/Assistant	DIP	27	23	33	\$14,633
250301	Library and Archives Assisting	AAS	N/A	N/A	N/A	\$29,361
250301	Library and Archives Assisting	DIP	N/A	N/A	N/A	\$17,484
430104	Criminal Justice/Safety Studies	AAS	12	12	14	\$20,927
430107	Criminal Justice/Police Science	AAS	43	34	37	\$33,886
430203	Fire Science/Fire-Fighting	AAS	N/A	N/A	N/A	\$29,546
440000	Public Administration and Social Service Professions	AAS	33	22	24	\$18,738
440000	Public Administration and Social Service Professions	DIP	27	19	25	\$9,480
440000	Human Services, General	AAS	33	22	24	\$18,738
440000	Human Services, General	DIP	27	19	25	\$9,480
440000	Human Services, General	AAS	33	22	24	\$18,738
440000	Human Services, General	DIP	27	19	25	\$9,480
450702	Geographic Information Science and Cartography	AAS	18	11	13	\$30,162
460301	Electrical and Power Transmission Installation/Installer, General	AAS	9	7	7	\$39,048
460302	Electrician	AAS	47	38	40	\$35,802
460303	Lineworker	AAS	10	N/A	N/A	\$37,842
460303	Lineworker	DIP	66	27	28	\$34,497
460401	Building/Property Maintenance	DIP	6	N/A	N/A	\$36,099
460415	Building Construction Technology	AAS	16	10	13	\$31,763
460503	Plumbing Technology/Plumber	DIP	7	7	7	\$31,585
469999	Construction Trades, Other	DIP	12	7	7	\$34,486
470101	Electrical/Electronics Equipment Installation and Repair, General	AAS	7	7	8	\$34,806
470201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	AAS	15	10	10	\$38,958
470603	Autobody/Collision and Repair Technology/Technician	AAS	23	17	18	\$26,044
470603	Autobody/Collision and Repair Technology/Technician	DIP	N/A	N/A	N/A	\$25,533
470604	Automobile/Automotive Mechanics Technology/Technician	AAS	32	27	29	\$31,252
470604	Automobile/Automotive Mechanics Technology/Technician	DIP	N/A	N/A	5	\$29,274
470605	Diesel Mechanics Technology/Technician	AAS	82	59	60	\$38,469

**Technical Institutes Graduate Outcomes Data**  
**Fiscal Year 2016 Graduates Earning Wages in South Dakota 2017**  
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470605	Diesel Mechanics Technology/Technician	DIP	N/A	N/A	N/A	\$19,741
470606	Small Engine Mechanics and Repair Technology/Technician	AAS	15	7	7	\$19,529
470606	Small Engine Mechanics and Repair Technology/Technician	DIP	N/A	N/A	N/A	\$45,162
470615	Engine Machinist	AAS	7	6	6	\$34,647
470699	Vehicle Maintenance and Repair Technologies, Other	AAS	13	10	10	\$28,395
480501	Machine Tool Technology/Machinist	AAS	25	23	24	\$46,607
480501	Machine Tool Technology/Machinist	DIP	6	N/A	N/A	\$23,777
480508	Welding Technology/Welder	AAS	11	6	6	\$35,553
480508	Welding Technology/Welder	DIP	62	38	40	\$27,467
480599	Precision Metal Working, Other	AAS	39	10	17	\$50,235
480599	Precision Metal Working, Other	DIP	72	21	39	\$26,399
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	AAS	N/A	N/A	N/A	\$41,248
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	DIP	5	N/A	N/A	\$19,275
510000	Health Professions and Related Programs	AAS	15	9	10	\$27,796
510000	Health Services/Allied Health/Health Sciences, General	AAS	15	9	10	\$27,796
510000	Health Services/Allied Health/Health Sciences, General	AAS	15	9	10	\$27,796
510601	Dental Assisting/Assistant	AAS	9	5	7	\$23,964
510601	Dental Assisting/Assistant	DIP	41	31	36	\$22,412
510703	Health Unit Coordinator/Ward Clerk	DIP	28	19	25	\$22,223
510708	Medical Transcription/Transcriptionist	AAS	11	7	7	\$26,249
510710	Medical Office Assistant/Specialist	AAS	19	15	16	\$22,930
510713	Medical Insurance Coding Specialist/Coder	AAS	21	18	23	\$25,944
510801	Medical/Clinical Assistant	AAS	33	27	29	\$20,766
510801	Medical/Clinical Assistant	DIP	8	5	5	\$16,710
510803	Occupational Therapist Assistant	AAS	20	11	13	\$21,138
510805	Pharmacy Technician/Assistant	AAS	6	N/A	N/A	\$26,837
510805	Pharmacy Technician/Assistant	DIP	15	11	11	\$23,163
510806	Physical Therapy Technician/Assistant	AAS	23	14	16	\$29,514
510816	Speech-Language Pathology Assistant	AAS	11	11	13	\$19,414
510901	Cardiovascular Technology/Technologist	AAS	24	7	7	\$54,335
510903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist	AAS	13	6	6	\$48,126
510904	Emergency Medical Technology/Technician (EMT Paramedic)	AAS	8	N/A	N/A	\$38,725
510905	Nuclear Medical Technology/Technologist	AAS	6	N/A	N/A	\$48,688

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510907	Medical Radiologic Technology/Science - Radiation Therapist	AAS	N/A	N/A	N/A	\$16,866
510909	Surgical Technology/Technologist	AAS	17	12	13	\$40,838
510909	Surgical Technology/Technologist	DIP	14	12	12	\$37,854
510910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	AAS	16	5	5	\$43,267
510911	Radiologic Technology/Science - Radiographer	AAS	13	8	10	\$39,567
510920	Magnetic Resonance Imaging (MRI) Technology/Technician	ACERT	N/A	N/A	N/A	\$9,807
510920	Magnetic Resonance Imaging (MRI) Technology/Technician	CER	N/A	N/A	N/A	\$46,647
511004	Clinical/Medical Laboratory Technician	AAS	12	9	12	\$23,133
511099	Clinical/Medical Laboratory Science and Allied Professions, Other	DIP	46	32	36	\$18,164
513801	Registered Nursing/Registered Nurse	AAS	12	10	12	\$38,545
513901	Licensed Practical/Vocational Nurse Training	DIP	170	131	151	\$27,410
520101	Business/Commerce, General	AAS	146	78	92	\$39,731
520201	Business Administration and Management, General	AAS	16	10	10	\$31,802
520201	Business Administration and Management, General	DIP	N/A	N/A	N/A	\$12,488
520301	Accounting	AAS	45	32	35	\$29,855
520301	Accounting	DIP	10	8	9	\$19,946
520305	Accounting and Business/Management	AAS	24	21	26	\$22,455
520401	Administrative Assistant and Secretarial Science, General	AAS	7	7	7	\$24,484
520407	Business/Office Automation/Technology/Data Entry	DIP	7	6	6	\$22,016
520408	General Office Occupations and Clerical Services	DIP	6	6	6	\$27,798
520701	Entrepreneurship/Entrepreneurial Studies	AAS	8	6	7	\$25,239
520703	Small Business Administration/Management	DIP	5	N/A	N/A	\$23,009
520799	Entrepreneurial and Small Business Operations, Other	AAS	N/A	N/A	N/A	\$39,187
520803	Banking and Financial Support Services	AAS	20	12	15	\$22,330
521401	Marketing/Marketing Management, General	AAS	53	37	43	\$26,417
521701	Insurance	AAS	N/A	N/A	5	\$26,080