

# 2016 Annual Report of South Dakota Job Placement Outcomes

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for Graduates of Public  
Postsecondary Education Institutions





## 2016 Annual Report of South Dakota Job Placement Outcomes for Graduates of Public Postsecondary Education Institutions *Submitted November 2016*

### **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 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).

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	MBA – Master of Business Administration
BBA – Bachelor of Business Administration	MD – Doctorate of Medicine
BFA – Bachelor of Fine Arts	MED – Master of Education
BGS – Bachelor of General Studies	MFA – Master of Fine Arts
BLS – Bachelor of Liberal Studies	MM – Master of Management
BM – Bachelor of Music	MMC – Master of Mass Communications
BMA – Master of Business Administration	MPA – Master of Public Administration
BME – Bachelor of Music Education	MPACC – Master of Professional Accounting
BS – Bachelor of Science	MS – Master of Science
BSED – Bachelor of Science in Education	MSED – Master of Science Education
BSN – Bachelor of Science in Nursing	MSN– Master of Science Nursing
BSR – Bachelor of Science in Recreation	MSW – Master of Social Work
CERT – Certificate	PHD – Doctorate of Philosophy
DIP – Diploma	PHRMD – Doctorate of Pharmacy
DNP – Doctorate of Nursing Practice	TDTP – Transitional Doctorate of Physical Therapy
DPT – 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 years 2014 (July 1, 2013 through June 30, 2014).

**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 N/A if there were fewer than five graduates. The report includes data for graduates in fiscal year 2014.

**Number of Graduates Earning Wages in South Dakota:** Number of graduates who were reported as wage earners in 2015 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 N/A 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 2015 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 2015. 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 2015, 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.

**N/A:** Data not available to protect confidentiality of individuals.

## **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.
- 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 97 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, November 2016.*

**Board of Regents Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota 2015**  
**Tabulations by Classification of Instructional Programs (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>
010000	Agriculture, General	AS	20	6	7	\$20,082
010000	Agriculture, General	BS	27	N/A	N/A	\$47,375
010102	Agribusiness/Agricultural Business Operations	BS	40	17	19	\$31,735
010103	Agricultural Economics	BS	N/A	N/A	N/A	\$15,625
010201	Agricultural Mechanization, General	BS	20	N/A	5	\$30,897
010601	Applied Horticulture/Horticulture Operations, General	BS	7	N/A	N/A	\$35,553
010605	Landscaping and Groundskeeping	BS	10	N/A	N/A	\$32,918
010901	Animal Sciences, General	BS	94	27	31	\$26,409
010905	Dairy Science	BS	16	7	7	\$52,824
011102	Agronomy and Crop Science	BS	56	19	19	\$46,845
011102	Agronomy and Crop Science	MS	12	N/A	N/A	\$52,682
030104	Environmental Science	BS	7	N/A	N/A	\$27,168
030601	Wildlife, Fish and Wildlands Science and Management	BS	49	18	23	\$23,515
030601	Wildlife, Fish and Wildlands Science and Management	MS	6	N/A	N/A	\$39,372
040201	Architecture	BS	17	5	6	\$23,136
050202	American Indian/Native American Studies	BA	N/A	N/A	N/A	\$39,466
050202	American Indian/Native American Studies	BS	5	N/A	N/A	\$3,305
090101	Speech Communication and Rhetoric	BA	5	N/A	N/A	\$8,036
090101	Speech Communication and Rhetoric	BS	12	N/A	N/A	\$40,165
090101	Speech Communication and Rhetoric	MA	6	N/A	N/A	\$19,852
090102	Mass Communication/Media Studies	BA	31	13	15	\$19,887
090102	Mass Communication/Media Studies	BS	46	23	29	\$18,815
090102	Mass Communication/Media Studies	MMC	N/A	N/A	N/A	\$15,960
090401	Journalism	BS	18	11	12	\$27,461
090499	Journalism, Other	MS	16	N/A	N/A	\$34,082
090903	Advertising	BA	N/A	N/A	N/A	\$34,508
090903	Advertising	BS	18	11	13	\$22,511

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090999	Public Relations, Advertising, and Applied Communication, Other	BS	19	9	11	\$19,818
110101	Computer and Information Sciences, General	BA	N/A	N/A	N/A	\$27,191
110101	Computer and Information Sciences, General	BS	65	32	34	\$43,863
110101	Computer and Information Sciences, General	MS	8	N/A	N/A	\$53,726
110102	Artificial Intelligence	MS	5	N/A	N/A	\$104,500
110201	Computer Programming/Programmer, General	AS	N/A	N/A	N/A	\$83,633
110401	Information Science/Studies	BBA	N/A	N/A	N/A	\$57,056
110401	Information Science/Studies	BS	18	12	12	\$54,114
110401	Information Science/Studies	DSC	6	N/A	5	\$27,434
110401	Information Science/Studies	MS	32	6	8	\$45,186
110803	Computer Graphics	BS	20	13	13	\$26,804
110899	Computer Software and Media Applications, Other	BS	13	N/A	N/A	\$23,898
111002	System, Networking, and LAN/WAN Management/Manager	AS	N/A	N/A	N/A	\$55,324
111002	System, Networking, and LAN/WAN Management/Manager	BS	8	5	5	\$48,705
111003	Computer and Information Systems Security/Information Assurance	BS	27	13	13	\$39,993
111003	Computer and Information Systems Security/Information Assurance	MS	12	N/A	N/A	\$44,030
111099	Computer/Information Technology Services Administration and Management, Other	MS	N/A	N/A	N/A	\$33,854
130301	Curriculum and Instruction	EDD	8	5	7	\$34,233
130301	Curriculum and Instruction	MED	5	N/A	N/A	\$62,173
130301	Curriculum and Instruction	MS	17	10	11	\$35,487
130301	Curriculum and Instruction	MSED	19	13	15	\$29,607
130401	Educational Leadership and Administration, General	EDD	26	14	17	\$61,150
130401	Educational Leadership and Administration, General	EDS	27	18	20	\$54,103
130401	Educational Leadership and Administration, General	MA	42	19	22	\$37,006
130401	Educational Leadership and Administration, General	MED	12	6	6	\$48,266
130499	Educational Administration and Supervision, Other	MSED	9	6	7	\$38,322
130501	Educational/Instructional Technology	MS	16	12	14	\$33,407

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130501	Educational/Instructional Technology	MSED	7	N/A	N/A	\$44,262
131001	Special Education and Teaching, General	BSED	80	42	52	\$25,597
131001	Special Education and Teaching, General	MA	15	13	15	\$25,617
131099	Special Education and Teaching, Other	BSED	14	10	13	\$26,820
131101	Counselor Education/School Counseling and Guidance Services	MSED	20	11	14	\$29,130
131202	Elementary Education and Teaching	BSED	212	123	144	\$25,011
131202	Elementary Education and Teaching	MA	12	6	7	\$23,833
131205	Secondary Education and Teaching	MA	7	5	5	\$27,497
131205	Secondary Education and Teaching	MS	21	11	12	\$34,782
131209	Kindergarten/Preschool Education and Teaching	BSED	10	7	10	\$22,056
131210	Early Childhood Education and Teaching	BS	55	37	44	\$24,026
131301	Agricultural Teacher Education	BS	9	5	7	\$27,150
131302	Art Teacher Education	BS	N/A	N/A	N/A	\$34,688
131303	Business Teacher Education	BSED	N/A	N/A	N/A	\$37,077
131305	English/Language Arts Teacher Education	BSED	11	5	6	\$26,217
131308	Family and Consumer Sciences/Home Economics Teacher Education	BS	N/A	N/A	N/A	\$17,903
131311	Mathematics Teacher Education	BSED	6	N/A	N/A	\$28,813
131312	Music Teacher Education	BME	18	9	10	\$26,365
131312	Music Teacher Education	BSED	N/A	N/A	N/A	\$27,223
131314	Physical Education Teaching and Coaching	BSED	15	5	8	\$16,742
131315	Reading Teacher Education	MED	13	N/A	N/A	\$42,555
131316	Science Teacher Education/General Science Teacher Education	BSED	N/A	N/A	N/A	\$33,424
131322	Biology Teacher Education	BSED	N/A	N/A	N/A	\$35,852
131328	History Teacher Education	BSED	9	N/A	N/A	\$27,844
131330	Spanish Language Teacher Education	BSED	N/A	N/A	N/A	\$20,940
131331	Speech Teacher Education	BSED	N/A	N/A	N/A	\$12,836
140301	Agricultural Engineering	BS	9	N/A	N/A	\$51,902



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140701	Chemical Engineering	PHD	7	N/A	N/A	\$53,611
140801	Civil Engineering, General	BS	70	22	24	\$40,167
140801	Civil Engineering, General	MS	25	5	5	\$52,930
140901	Computer Engineering, General	BS	6	N/A	N/A	\$65,354
141001	Electrical and Electronics Engineering	BS	44	8	8	\$62,052
141001	Electrical and Electronics Engineering	MS	24	N/A	N/A	\$43,777
141001	Electrical and Electronics Engineering	PHD	N/A	N/A	N/A	\$26,881
141801	Materials Engineering	MS	5	N/A	N/A	\$66,664
141801	Materials Engineering	PHD	5	N/A	N/A	\$66,861
141901	Mechanical Engineering	BS	121	30	30	\$51,789
141901	Mechanical Engineering	MS	N/A	N/A	N/A	\$64,632
142001	Metallurgical Engineering	BS	7	N/A	N/A	\$19,621
143501	Industrial Engineering	BS	31	N/A	N/A	\$57,612
143901	Geological/Geophysical Engineering	BS	N/A	N/A	N/A	\$69,493
143901	Geological/Geophysical Engineering	MS	8	N/A	N/A	\$53,188
150303	Electrical, Electronic and Communications Engineering Technology/Technician	BS	5	N/A	N/A	\$40,977
150612	Industrial Technology/Technician	AS	N/A	N/A	N/A	\$37,101
150612	Industrial Technology/Technician	BATS	N/A	N/A	N/A	\$15,838
150612	Industrial Technology/Technician	BS	11	6	6	\$37,330
150612	Industrial Technology/Technician	BSED	N/A	N/A	N/A	\$33,380
150613	Manufacturing Engineering Technology/Technician	AS	N/A	N/A	N/A	\$30,368
150613	Manufacturing Engineering Technology/Technician	BS	9	5	5	\$57,079
151001	Construction Engineering Technology/Technician	BS	50	21	23	\$38,520
151001	Construction Engineering Technology/Technician	MS	10	N/A	N/A	\$61,085
151501	Engineering/Industrial Management	BS	12	5	5	\$42,578
151501	Engineering/Industrial Management	MS	16	6	7	\$60,902
160501	German Language and Literature	BA	N/A	N/A	N/A	\$30,623

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160901	French Language and Literature	BA	5	N/A	N/A	\$22,883
160905	Spanish Language and Literature	BA	43	19	24	\$22,886
190401	Family Resource Management Studies, General	MS	8	6	7	\$33,970
190402	Consumer Economics	BS	40	25	29	\$27,730
190501	Foods, Nutrition, and Wellness Studies, General	BS	18	7	7	\$17,937
190504	Human Nutrition	MS	19	7	8	\$36,887
190504	Human Nutrition	PHD	N/A	N/A	N/A	\$70,764
190701	Human Development and Family Studies, General	BS	44	27	33	\$21,239
190905	Apparel and Textile Marketing Management	BS	9	6	7	\$22,205
220101	Law	JD	80	37	40	\$39,735
230101	English Language and Literature, General	BA	52	21	26	\$23,128
230101	English Language and Literature, General	BS	14	5	5	\$19,328
230101	English Language and Literature, General	BSED	7	N/A	N/A	\$30,560
230101	English Language and Literature, General	MA	15	6	9	\$19,110
231304	Rhetoric and Composition	BS	7	5	5	\$23,571
231304	Rhetoric and Composition	BSED	N/A	N/A	N/A	\$3,047
239999	English Language and Literature/Letters, Other	BS	N/A	N/A	N/A	\$20,910
240101	Liberal Arts and Sciences/Liberal Studies	BS	23	13	16	\$25,909
240101	Liberal Arts and Sciences/Liberal Studies	MA	18	N/A	N/A	\$36,998
240102	General Studies	AA	95	46	52	\$19,418
240102	General Studies	BGS	93	46	51	\$34,072
260101	Biology/Biological Sciences, General	AS	8	7	8	\$9,622
260101	Biology/Biological Sciences, General	BS	176	63	73	\$20,396
260101	Biology/Biological Sciences, General	BSED	8	5	5	\$23,052
260101	Biology/Biological Sciences, General	MS	23	7	7	\$50,911
260101	Biology/Biological Sciences, General	PHD	12	N/A	N/A	\$58,342
260102	Biomedical Sciences, General	BS	N/A	N/A	N/A	\$5,486

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260102	Biomedical Sciences, General	MS	N/A	N/A	N/A	\$38,087
260102	Biomedical Sciences, General	PHD	N/A	N/A	N/A	\$62,953
260202	Biochemistry	BS	N/A	N/A	N/A	\$6,170
260502	Microbiology, General	BS	19	6	7	\$22,036
261201	Biotechnology	BS	12	6	6	\$19,179
261301	Ecology	BS	9	N/A	N/A	\$31,114
269999	Biological and Biomedical Sciences, Other	BS	7	N/A	N/A	\$25,652
270101	Mathematics, General	BS	42	17	19	\$27,218
270101	Mathematics, General	BSED	7	5	5	\$36,278
270101	Mathematics, General	MS	7	N/A	5	\$20,991
270303	Computational Mathematics	PHD	N/A	N/A	N/A	\$31,008
270501	Statistics, General	MS	7	N/A	N/A	\$54,615
270503	Mathematics and Statistics	BS	6	N/A	N/A	\$27,645
300101	Biological and Physical Sciences	MNS	N/A	N/A	N/A	\$32,692
302001	International/Global Studies	BA	21	N/A	N/A	\$35,170
309999	Multi-/Interdisciplinary Studies, Other	BS	14	N/A	N/A	\$26,888
310101	Parks, Recreation and Leisure Studies	BS	31	15	17	\$28,170
310101	Parks, Recreation and Leisure Studies	MA	10	N/A	N/A	\$26,599
310301	Parks, Recreation and Leisure Facilities Management, General	BS	12	8	10	\$17,531
310501	Health and Physical Education/Fitness, General	BS	46	22	26	\$26,774
310501	Health and Physical Education/Fitness, General	BSED	N/A	N/A	N/A	\$23,946
310501	Health and Physical Education/Fitness, General	MS	11	N/A	N/A	\$19,431
310501	Health and Physical Education/Fitness, General	MSED	11	6	6	\$23,181
310504	Sport and Fitness Administration/Management	BS	38	15	17	\$18,289
310505	Kinesiology and Exercise Science	BS	17	10	14	\$15,367
310599	Health and Physical Education/Fitness, Other	BS	25	9	12	\$19,007
310601	Outdoor Education	BS	14	6	8	\$10,891

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380101	Philosophy	BA	N/A	N/A	N/A	\$27,172
380101	Philosophy	BS	N/A	N/A	N/A	\$21,800
400501	Chemistry, General	BS	28	11	12	\$14,939
400501	Chemistry, General	MS	8	N/A	N/A	\$4,577
400501	Chemistry, General	PHD	N/A	N/A	N/A	\$52,519
400601	Geology/Earth Science, General	BS	17	N/A	N/A	\$15,127
400604	Paleontology	MS	N/A	N/A	N/A	\$17,188
400801	Physics, General	BS	17	6	6	\$30,802
400801	Physics, General	MS	8	N/A	N/A	\$52,424
401002	Materials Chemistry	PHD	6	N/A	N/A	\$45,775
409999	Physical Sciences, Other	BS	N/A	N/A	N/A	\$25,792
420101	Psychology, General	BA	14	6	6	\$20,390
420101	Psychology, General	BBA	N/A	N/A	N/A	\$31,407
420101	Psychology, General	BS	188	87	98	\$20,305
420101	Psychology, General	MA	8	N/A	N/A	\$6,249
420101	Psychology, General	PHD	7	N/A	N/A	\$77,996
422803	Counseling Psychology	EDS	9	N/A	N/A	\$24,974
422803	Counseling Psychology	MA	20	12	13	\$29,557
422803	Counseling Psychology	MED	8	N/A	N/A	\$31,437
422803	Counseling Psychology	MS	45	27	29	\$31,321
422803	Counseling Psychology	PHD	5	N/A	N/A	\$58,611
430104	Criminal Justice/Safety Studies	BA	23	11	12	\$31,336
430104	Criminal Justice/Safety Studies	BS	35	16	19	\$24,896
440000	Human Services, General	MS	55	21	25	\$56,379
440201	Community Organization and Advocacy	BS	35	21	24	\$23,995
440401	Public Administration	EMPA	11	N/A	N/A	\$81,664
440401	Public Administration	MPA	19	8	8	\$39,488

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450101	Social Sciences, General	BS	N/A	N/A	N/A	\$77,155
450101	Social Sciences, General	BSED	N/A	N/A	N/A	\$22,214
450201	Anthropology	BS	N/A	N/A	N/A	\$19,646
450601	Economics, General	BA	6	N/A	N/A	\$43,536
450601	Economics, General	BBA	6	N/A	N/A	\$34,404
450601	Economics, General	BS	91	45	46	\$31,215
450601	Economics, General	MS	10	N/A	N/A	\$50,728
450701	Geography	BS	16	6	6	\$25,319
450701	Geography	MS	8	N/A	N/A	\$54,097
450702	Geographic Information Science and Cartography	BS	11	7	7	\$25,878
451001	Political Science and Government, General	BA	32	7	7	\$22,432
451001	Political Science and Government, General	BS	33	13	13	\$33,373
451001	Political Science and Government, General	MA	N/A	N/A	N/A	\$42,499
451101	Sociology	BA	31	18	20	\$28,218
451101	Sociology	BS	71	41	46	\$25,824
451101	Sociology	PHD	N/A	N/A	N/A	\$72,174
490101	Aeronautics/Aviation/Aerospace Science and Technology, General	BS	6	N/A	N/A	\$21,088
500101	Visual and Performing Arts, General	BA	N/A	N/A	N/A	\$22,210
500402	Commercial and Advertising Art	BS	8	N/A	5	\$16,166
500408	Interior Design	BS	9	N/A	N/A	\$28,244
500409	Graphic Design	BA	5	N/A	N/A	\$18,667
500409	Graphic Design	BS	14	9	11	\$26,749
500411	Game and Interactive Media Design	BS	N/A	N/A	N/A	\$17,899
500501	Drama and Dramatics/Theatre Arts, General	BS	N/A	N/A	N/A	\$10,663
500501	Drama and Dramatics/Theatre Arts, General	MFA	N/A	N/A	N/A	\$30,988
500701	Art/Art Studies, General	BA	14	11	11	\$27,447
500701	Art/Art Studies, General	BFA	19	N/A	8	\$14,913

**Board of Regents Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota 2015**  
**Tabulations by Classification of Instructional Programs (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
500701	Art/Art Studies, General	BS	9	7	8	\$9,914
500701	Art/Art Studies, General	BSED	8	N/A	N/A	\$19,160
500701	Art/Art Studies, General	MFA	N/A	N/A	N/A	\$35,659
500702	Fine/Studio Arts, General	BA	6	N/A	N/A	\$10,878
500901	Music, General	BA	9	N/A	N/A	\$19,287
500901	Music, General	BME	25	9	15	\$29,739
500901	Music, General	MM	14	N/A	N/A	\$40,156
501003	Music Management	BS	N/A	N/A	N/A	\$6,145
510000	Health Services/Allied Health/Health Sciences, General	BS	88	45	50	\$23,216
510201	Communication Sciences and Disorders, General	BA	5	N/A	N/A	\$3,959
510201	Communication Sciences and Disorders, General	BS	14	6	6	\$17,384
510201	Communication Sciences and Disorders, General	MA	21	8	9	\$36,011
510602	Dental Hygiene/Hygienist	BS	33	22	29	\$31,368
510702	Hospital and Health Care Facilities Administration/Management	BBA	12	7	7	\$23,938
510706	Health Information/Medical Records Administration/Administrator	BS	12	7	7	\$45,599
510706	Health Information/Medical Records Administration/Administrator	MS	10	N/A	N/A	\$58,550
510707	Health Information/Medical Records Technology/Technician	AS	15	9	9	\$37,297
510908	Respiratory Care Therapy/Therapist	AS	17	14	15	\$35,811
510908	Respiratory Care Therapy/Therapist	BS	N/A	N/A	N/A	\$45,196
510912	Physician Assistant	MS	19	7	7	\$88,268
510913	Athletic Training/Trainer	BS	12	N/A	N/A	\$16,020
510913	Athletic Training/Trainer	MS	6	N/A	N/A	\$26,759
511005	Clinical Laboratory Science/Medical Technology/Technologist	BS	24	12	13	\$40,464
511201	Medicine	MD	52	N/A	N/A	\$53,704
511501	Substance Abuse/Addiction Counseling	BS	20	12	13	\$25,466
511501	Substance Abuse/Addiction Counseling	MA	10	N/A	N/A	\$27,621
511503	Clinical/Medical Social Work	BS	32	19	19	\$22,082

**Board of Regents Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota 2015**  
**Tabulations by Classification of Instructional Programs (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
512001	Pharmacy	PHRMD	77	36	40	\$86,472
512003	Pharmaceutics and Drug Design	BS	74	56	59	\$6,599
512306	Occupational Therapy/Therapist	MS	24	9	11	\$39,659
512308	Physical Therapy/Therapist	DPT	26	9	9	\$56,376
512308	Physical Therapy/Therapist	TDPT	10	N/A	N/A	\$54,500
513101	Dietetics/Dietitian	BS	15	7	9	\$19,983
513101	Dietetics/Dietitian	MS	N/A	N/A	N/A	\$72,526
513801	Registered Nursing/Registered Nurse	AS	268	200	232	\$36,062
513801	Registered Nursing/Registered Nurse	BS	75	40	50	\$39,322
513801	Registered Nursing/Registered Nurse	BSN	347	228	250	\$44,399
513801	Registered Nursing/Registered Nurse	DNP	7	N/A	N/A	\$83,633
513801	Registered Nursing/Registered Nurse	MS	10	6	8	\$78,131
513801	Registered Nursing/Registered Nurse	PHD	N/A	N/A	N/A	\$46,000
520201	Business Administration and Management, General	AS	22	19	20	\$33,421
520201	Business Administration and Management, General	BBA	54	38	40	\$35,201
520201	Business Administration and Management, General	BS	148	82	93	\$34,172
520201	Business Administration and Management, General	MBA	95	43	47	\$63,041
520205	Operations Management and Supervision	BS	N/A	N/A	N/A	\$36,914
520205	Operations Management and Supervision	MS	N/A	N/A	N/A	\$266,705
520301	Accounting	BBA	63	39	43	\$32,034
520301	Accounting	BS	29	20	26	\$27,637
520301	Accounting	MPACC	11	8	8	\$45,778
520701	Entrepreneurship/Entrepreneurial Studies	BS	22	12	13	\$33,047
520801	Finance, General	BBA	23	15	17	\$23,995
520801	Finance, General	BS	9	N/A	5	\$27,215
520803	Banking and Financial Support Services	AS	N/A	N/A	N/A	\$3,159
520803	Banking and Financial Support Services	BS	8	N/A	N/A	\$31,056

**Board of Regents Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota 2015**  
**Tabulations by Classification of Instructional Programs (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
520901	Hospitality Administration/Management, General	BS	15	7	7	\$28,395
520903	Tourism and Travel Services Management	AS	N/A	N/A	N/A	\$63,002
521001	Human Resources Management/Personnel Administration, General	BBA	N/A	N/A	N/A	\$27,941
521003	Organizational Behavior Studies	MS	13	N/A	N/A	\$51,734
521201	Management Information Systems, General	BS	N/A	N/A	N/A	\$33,159
521401	Marketing/Marketing Management, General	BBA	26	14	15	\$29,761
521401	Marketing/Marketing Management, General	BS	14	7	7	\$29,505
540101	History, General	BA	26	10	12	\$18,010
540101	History, General	BS	46	20	22	\$24,465
540101	History, General	BSED	N/A	N/A	7	\$15,784
540101	History, General	MA	6	N/A	N/A	\$17,708

[CIP: Classification of Instructional Programs](#)

N/A: Data not available due to protect confidentiality of individuals.

The Average Annual Wage is the arithmetic mean of the wage data collected for the number graduates earnings wages in South Dakota in 2015, 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 may include the wages of graduates who are reported as wage earners by more than one employer. In this case, total wages for all jobs are divided by the number of graduates holding jobs.

Graduate outcome results are aggregated and published only if there are five or more graduates within a postsecondary education program with valid wage records.

Source: South Dakota Postsecondary Graduate Outcomes System, Labor Market Information Center, South Dakota Department of Labor and Regulation, November 2016.



**Technical Institute Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota in 2015**  
**Tabulations by Classification of Instructional Programs (CIP) Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
010101	Agricultural Business and Management, General	AAS	116	59	60	\$26,365
010104	Farm/Farm and Ranch Management	CERT	N/A	N/A	N/A	\$7,729
010205	Agricultural Mechanics and Equipment/Machine Technology	AAS	12	6	6	\$36,113
010301	Agricultural Production Operations, General	AAS	29	19	21	\$24,293
010301	Agricultural Production Operations, General	DIP	N/A	N/A	N/A	\$17,203
010601	Applied Horticulture/Horticulture Operations, General	AAS	5	5	5	\$22,835
010605	Landscaping and Groundskeeping	AAS	9	7	9	\$20,059
010607	Turf and Turfgrass Management	AAS	6	5	7	\$19,239
030104	Environmental Science	AAS	7	N/A	N/A	\$20,594
030104	Environmental Science	DIP	N/A	N/A	N/A	\$11,354
090799	Radio, Television, and Digital Communication, Other	AAS	22	5	5	\$39,501
100303	Prepress/Desktop Publishing and Digital Imaging Design	AAS	9	6	7	\$21,877
100304	Animation, Interactive Technology, Video Graphics and Special Effects	AAS	8	6	6	\$11,821
110201	Computer Programming/Programmer, General	AAS	12	7	7	\$40,296
110299	Computer Programming, Other	AAS	N/A	N/A	N/A	\$16,399
110701	Computer Science	AAS	5	N/A	N/A	\$61,371
110901	Computer Systems Networking and Telecommunications	AAS	36	33	35	\$34,603
110901	Computer Systems Networking and Telecommunications	DIP	N/A	N/A	N/A	\$16,732
111001	Network and System Administration/Administrator	AAS	30	25	26	\$38,026
111001	Network and System Administration/Administrator	DIP	12	10	10	\$21,345
111003	Computer and Information Systems Security/Information Assurance	AAS	10	7	7	\$40,123
111006	Computer Support Specialist	AAS	N/A	N/A	N/A	\$18,602
119999	Computer and Information Sciences and Support Services, Other	DIP	55	45	47	\$33,747
120401	Cosmetology/Cosmetologist, General	DIP	32	25	32	\$11,660

**Technical Institute Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota in 2015**  
**Tabulations by Classification of Instructional Programs (CIP) Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
120503	Culinary Arts/Chef Training	AAS	15	13	13	\$29,794
150101	Architectural Engineering Technology/Technician	AAS	16	9	10	\$28,298
150201	Civil Engineering Technology/Technician	AAS	16	10	10	\$38,311
150303	Electrical, Electronic and Communications Engineering Technology/Technician	AAS	N/A	N/A	N/A	\$13,888
150305	Telecommunications Technology/Technician	AAS	22	18	19	\$32,601
150401	Biomedical Technology/Technician	AAS	11	N/A	5	\$28,924
150403	Electromechanical Technology/Electromechanical Engineering Technology	AAS	19	13	15	\$33,944
150405	Robotics Technology/Technician	AAS	10	N/A	5	\$13,942
150406	Automation Engineer Technology/Technician	AAS	12	9	9	\$34,605
150501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician	DIP	18	13	17	\$25,963
150503	Energy Management and Systems Technology/Technician	AAS	19	13	14	\$34,510
150599	Environmental Control Technologies/Technicians, Other	AAS	13	10	11	\$34,993
150613	Manufacturing Engineering Technology/Technician	AAS	N/A	N/A	N/A	\$34,498
150614	Welding Engineering Technology/Technician	AAS	9	8	8	\$39,924
150614	Welding Engineering Technology/Technician	DIP	6	N/A	N/A	\$43,050
150805	Mechanical Engineering/Mechanical Technology/Technician	AAS	9	7	8	\$31,524
151001	Construction Engineering Technology/Technician	AAS	29	19	20	\$35,611
151102	Surveying Technology/Surveying	AAS	15	9	9	\$36,484
151301	Drafting and Design Technology/Technician, General	AAS	12	6	6	\$20,262
190708	Child Care and Support Services Management	AAS	20	12	17	\$10,704
190709	Child Care Provider/Assistant	DIP	22	14	19	\$11,158
220302	Legal Assistant/Paralegal	AAS	6	5	6	\$19,457
250301	Library and Archives Assisting	AAS	N/A	N/A	N/A	\$30,812
430107	Criminal Justice/Police Science	AAS	35	28	29	\$29,340

**Technical Institute Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota in 2015**  
**Tabulations by Classification of Instructional Programs (CIP) Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
430203	Fire Science/Fire-fighting	AAS	17	15	21	\$22,844
440000	Public Administration and Social Service Professions	AAS	32	18	19	\$10,636
440000	Public Administration and Social Service Professions	DIP	34	20	21	\$9,268
450702	Geographic Information Science and Cartography	AAS	9	6	6	\$34,904
460301	Electrical and Power Transmission Installation/Installer, General	AAS	6	5	5	\$34,673
460302	Electrician	AAS	59	47	52	\$28,276
460302	Electrician	DIP	N/A	N/A	N/A	\$30,652
460303	Lineworker	AAS	15	N/A	N/A	\$50,478
460303	Lineworker	DIP	65	28	30	\$32,504
460401	Building/Property Maintenance	DIP	6	5	5	\$38,406
460415	Building Construction Technology	AAS	21	11	12	\$22,328
460503	Plumbing Technology/Plumber	DIP	N/A	N/A	N/A	\$33,830
469999	Construction Trades, Other	DIP	20	13	15	\$23,687
470101	Electrical/Electronics Equipment Installation and Repair, General	AAS	18	12	15	\$29,563
470201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	AAS	18	14	15	\$31,253
470201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	DIP	14	8	8	\$34,937
470603	Autobody/Collision and Repair Technology/Technician	AAS	29	21	21	\$25,893
470603	Autobody/Collision and Repair Technology/Technician	DIP	27	11	12	\$13,280
470604	Automobile/Automotive Mechanics Technology/Technician	AAS	46	30	34	\$24,371
470604	Automobile/Automotive Mechanics Technology/Technician	DIP	N/A	N/A	N/A	\$20,873
470605	Diesel Mechanics Technology/Technician	AAS	86	53	54	\$29,262
470605	Diesel Mechanics Technology/Technician	DIP	N/A	N/A	N/A	\$41,866
470606	Small Engine Mechanics and Repair Technology/Technician	AAS	14	12	12	\$27,501
470606	Small Engine Mechanics and Repair Technology/Technician	DIP	N/A	N/A	N/A	\$16,193

**Technical Institute Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota in 2015**  
**Tabulations by Classification of Instructional Programs (CIP) Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
470608	Aircraft Powerplant Technology/Technician	AAS	5	N/A	N/A	\$1,778
470608	Aircraft Powerplant Technology/Technician	DIP	8	N/A	5	\$21,203
470615	Engine Machinist	AAS	8	N/A	N/A	\$18,729
470699	Vehicle Maintenance and Repair Technologies, Other	AAS	16	12	14	\$29,387
480501	Machine Tool Technology/Machinist	AAS	7	6	6	\$32,313
480508	Welding Technology/Welder	AAS	10	5	5	\$20,069
480508	Welding Technology/Welder	DIP	46	28	29	\$21,603
480599	Precision Metal Working, Other	AAS	12	7	7	\$29,382
480599	Precision Metal Working, Other	DIP	12	N/A	N/A	\$31,105
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	AAS	8	N/A	N/A	\$32,687
490202	Construction/Heavy Equipment/Earthmoving Equipment Operation	DIP	12	N/A	N/A	\$2,528
510000	Health Services/Allied Health/Health Sciences, General	AAS	40	30	32	\$27,574
510601	Dental Assisting/Assistant	AAS	8	6	6	\$28,273
510601	Dental Assisting/Assistant	DIP	37	17	17	\$9,311
510703	Health Unit Coordinator/Ward Clerk	DIP	49	38	47	\$19,567
510708	Medical Transcription/Transcriptionist	AAS	12	7	9	\$26,494
510710	Medical Office Assistant/Specialist	AAS	8	7	10	\$14,645
510713	Medical Insurance Coding Specialist/Coder	AAS	7	6	6	\$41,928
510801	Medical/Clinical Assistant	AAS	25	19	20	\$18,927
510801	Medical/Clinical Assistant	DIP	7	N/A	N/A	\$14,558
510803	Occupational Therapist Assistant	AAS	18	7	7	\$13,245
510805	Pharmacy Technician/Assistant	DIP	31	23	27	\$19,891
510806	Physical Therapy Technician/Assistant	AAS	25	8	9	\$9,731
510816	Speech-Language Pathology Assistant	AAS	11	10	13	\$15,564

**Technical Institute Graduate Outcomes Data**  
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CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
510901	Cardiovascular Technology/Technologist	AAS	25	7	7	\$41,216
510903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist	AAS	6	N/A	N/A	\$33,023
510904	Emergency Medical Technology/Technician (EMT Paramedic)	AAS	13	11	16	\$20,377
510907	Medical Radiologic Technology/Science - Radiation Therapist	AAS	6	N/A	N/A	\$44,940
510909	Surgical Technology/Technologist	DIP	38	30	33	\$29,062
510910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician	AAS	15	8	8	\$39,192
510911	Radiologic Technology/Science - Radiographer	AAS	11	N/A	N/A	\$21,935
511004	Clinical/Medical Laboratory Technician	AAS	25	16	17	\$24,499
511099	Clinical/Medical Laboratory Science and Allied Professions, Other	DIP	43	31	32	\$20,740
511701	Optometry	AAS	N/A	N/A	N/A	\$31,437
513101	Dietetics/Dietitian	CERT	7	N/A	N/A	\$31,873
513801	Registered Nursing/Registered Nurse	AAS	24	18	22	\$34,989
513901	Licensed Practical/Vocational Nurse Training	AAS	9	N/A	5	\$25,361
513901	Licensed Practical/Vocational Nurse Training	DIP	162	117	130	\$23,517
520101	Business/Commerce, General	AAS	187	103	125	\$31,091
520201	Business Administration and Management, General	AAS	18	12	15	\$23,526
520201	Business Administration and Management, General	DIP	N/A	N/A	N/A	\$22,166
520301	Accounting	AAS	48	35	41	\$23,477
520305	Accounting and Business/Management	AAS	28	22	27	\$20,354
520407	Business/Office Automation/Technology/Data Entry	DIP	12	10	11	\$18,517
520408	General Office Occupations and Clerical Services	DIP	7	N/A	5	\$22,527
520701	Entrepreneurship/Entrepreneurial Studies	AAS	8	8	9	\$23,098
520703	Small Business Administration/Management	DIP	N/A	N/A	N/A	\$11,384
520803	Banking and Financial Support Services	AAS	24	19	20	\$24,333

**Technical Institute Graduate Outcomes Data**  
**Fiscal Year 2014 Graduates Earning Wages in South Dakota in 2015**  
**Tabulations by Classification of Instructional Programs (CIP) Code and Degree**

CIP Code	CIP Description	Degree	Number of Graduates	Number of Graduates Earning Wages in SD	Number of Jobs Held by Graduate Earning Wages in SD	Average Annual Wage
521401	Marketing/Marketing Management, General	AAS	72	50	64	\$17,713
521701	Insurance	AAS	N/A	N/A	N/A	\$23,670

[CIP: Classification of Instructional Programs](#)

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