

Comparison of South Dakota Employment & Demand Projections by Career Cluster and SD 7th-12th Grade School Enrollment by Career Cluster

	2016 Workers	2026 Workers	Actual Change 2016-2026	Percent Change 2016-2026	Annual Average Demand	Cluster	Cluster	Cluster	Cluster	Enrollment by Cluster* (7th grade-12th grade)		Difference in Percentages of Demand and Enrollment	Note about potential demand/supply balance	Enrollment by Cluster as a Percent of Annual Demand
						Percent of 2016 Workers	Percent of 2026 Workers	Percent of Actual Change	Percent of Ann. Avg. Demand	Students	Percent			
Total, All Occupations	487,455	520,526	33,071	6.78	58,885									
Agriculture, Food & Natural Resources Cluster	12,523	12,973	450	0.04	1,646	2.8%	2.7%	1.5%	3.0%	7,006	11%	8.0%	"Occupations would be oversupplied"	425.6%
Architecture & Construction Cluster	37,254	39,942	2,688	0.07	4,119	8.3%	8.4%	8.9%	7.6%	3,848	6%	-1.6%		93.4%
Arts, Audio/Video Technology & Communications Cluster	5,828	5,833	5	0.00	565	1.3%	1.2%	0.0%	1.0%	7,005	11%	10.0%	"Occupations would be oversupplied"	1239.8%
Business Management & Administration Cluster	65,321	66,632	1,311	0.02	7,186	14.6%	14.0%	4.3%	13.2%	7,521	12%	-1.2%		104.7%
Education & Training Cluster	27,895	30,158	2,263	0.08	2,699	6.2%	6.3%	7.5%	5.0%	736	1%	-4.0%		27.3%
Finance Cluster	22,704	24,284	1,580	0.07	2,343	5.1%	5.1%	5.2%	4.3%	2,537	4%	-0.3%		108.3%
Government & Public Administration Cluster	4,119	4,303	184	0.04	353	0.9%	0.9%	0.6%	0.6%	n/a	n/a	n/a		n/a
Health Science Cluster	40,938	45,625	4,687	0.11	3,388	9.2%	9.6%	15.5%	6.2%	1,286	2%	-4.2%		38.0%
Hospitality & Tourism Cluster	58,746	63,847	5,101	0.09	10,362	13.2%	13.4%	16.8%	19.0%	5,257	8%	-11.0%	"Occupations would be undersupplied"	50.7%
Human Services Cluster	24,527	27,099	2,572	0.10	3,573	5.5%	5.7%	8.5%	6.6%	13,752	21%	14.4%	"Occupations would be oversupplied"	384.9%
Information Technology Cluster	8,149	9,048	899	0.11	652	1.8%	1.9%	3.0%	1.2%	1,471	2%	0.8%		225.6%
Law, Public Safety, Corrections & Security Cluster	10,834	11,305	471	0.04	998	2.4%	2.4%	1.6%	1.8%	n/a	n/a	n/a		n/a
Manufacturing Production Process Development Cluster	36,725	38,658	1,933	0.05	4,171	8.2%	8.1%	6.4%	7.7%	2,768	4%	-3.7%		66.4%
Marketing Cluster	52,210	55,255	3,045	0.06	7,615	11.7%	11.6%	10.0%	14.0%	3,758	6%	-8.0%	"Occupations would be undersupplied"	49.3%
Science, Technology, Engineering & Mathematics Cluster	3,015	3,384	369	0.12	271	0.7%	0.7%	1.2%	0.5%	5,826	9%	8.5%	"Occupations would be oversupplied"	2149.8%
Transportation, Distribution & Logistics Cluster	35,596	38,357	2,761	0.08	4,489	8.0%	8.0%	9.1%	8.2%	1,555	3%	-5.2%	"Occupations would be undersupplied"	34.6%
Sums of cluster data (not including non-published data)	446,384	476,703	30,319	0.07	54,430	100.0%	100.0%	100.0%	100.0%					

*Enrollment by Cluster data from CTE, Department of Education flier "Preparing Students for College and Careers. Footnote reads SY17-18 data reflects duplicate numbers, as some students take classes in more than one field.

Sources: Employment and demand data from the Labor Market Information Center (LMIC), South Dakota Department of Labor and Regulation. Occupational employment and demand data tabulated by Career Cluster using the O*Net Online assignments of occupations to Career Cluster. Enrollment by Cluster data from the Career and Technical Education, South Dakota Department of Education. Comparisons of employment/demand projections and enrollment by cluster data completed by LMIC, September 2019. Preliminary and for internal use only.