

SKILLED WORKFORCE SHORTAGE TUITION GRANT & IOWA VOCATIONAL TECHNICAL TUITION GRANT



FY 2020 REPORT



IowaCollegeAid.gov

INTRODUCTION

This report provides statewide outcomes for both the Skilled Workforce Shortage Tuition Grant (Kibbie Grant) and the Iowa Vocational-Technical Tuition Grant for fiscal year 2020. The data in the report was compiled by the Iowa College Student Aid Commission (Iowa College Aid) with the assistance of Iowa's 15 community colleges.

SKILLED WORKFORCE SHORTAGE SUMMARY

Preparing Iowans for the future workforce remains a critical focus for the state. Programs that provide financial assistance to help students attain the training required for employment in high-need fields help ease this pathway for Iowans.

According to Iowa Workforce Development, "middle-skill" jobs account for more than half of the state's economy, but only a third of Iowans have the skills that match these jobs. The short-term credentials that often prepare Iowans for such jobs are usually offered by community colleges.

OUTCOMES FOR THE 2019-20 ACADEMIC YEAR

During the 2019-20 academic year, 18,899 Iowans applied for Skilled Workforce Shortage Tuition Grants and Iowa Vocational-Technical Tuition Grants, representing a 7.8 percent decrease from 2018-19. Between the two programs, an unduplicated total of 5,124 Iowans received grants, representing about 27 percent of applicants. Those recipients, on average, received approximately \$1,294 in grant funding. A breakdown of recipients by college can be found in Appendix A, a summary of recipient demographics in Appendix B, a historical summary of appropriations enacted under both programs in Appendix C, and a breakdown of recipients by program of study in Appendix D.

Due to overlap in the eligibility criteria for both programs, approximately 44.29 percent of Skilled Workforce Shortage Tuition Grant recipients also received an Iowa Vocational-Technical Tuition Grant, and 72.94 percent of Iowa Vocational-Technical Tuition Grant recipients also received a Skilled Workforce Shortage Tuition Grant. The primary difference between the two grants is the programs of study in which a student must enroll to qualify—the Skilled Workforce Shortage Tuition Grant funds only students enrolled in high-demand career/technical education programs of study, while the Iowa Vocational-Technical Tuition Grant provides awards to students enrolled in any career/technical education program.

ELIGIBILITY CRITERIA

Students applying for the Skilled Workforce Shortage Tuition Grant and Iowa Vocational-Technical Tuition Grant had to meet the following general eligibility criteria during the 2019-20 academic year:

- Be an Iowa resident.
- Be enrolled in at least three credit hours at an Iowa community college.
- Complete the Free Application for Federal Student Aid (FAFSA) on or before July 1, 2019.

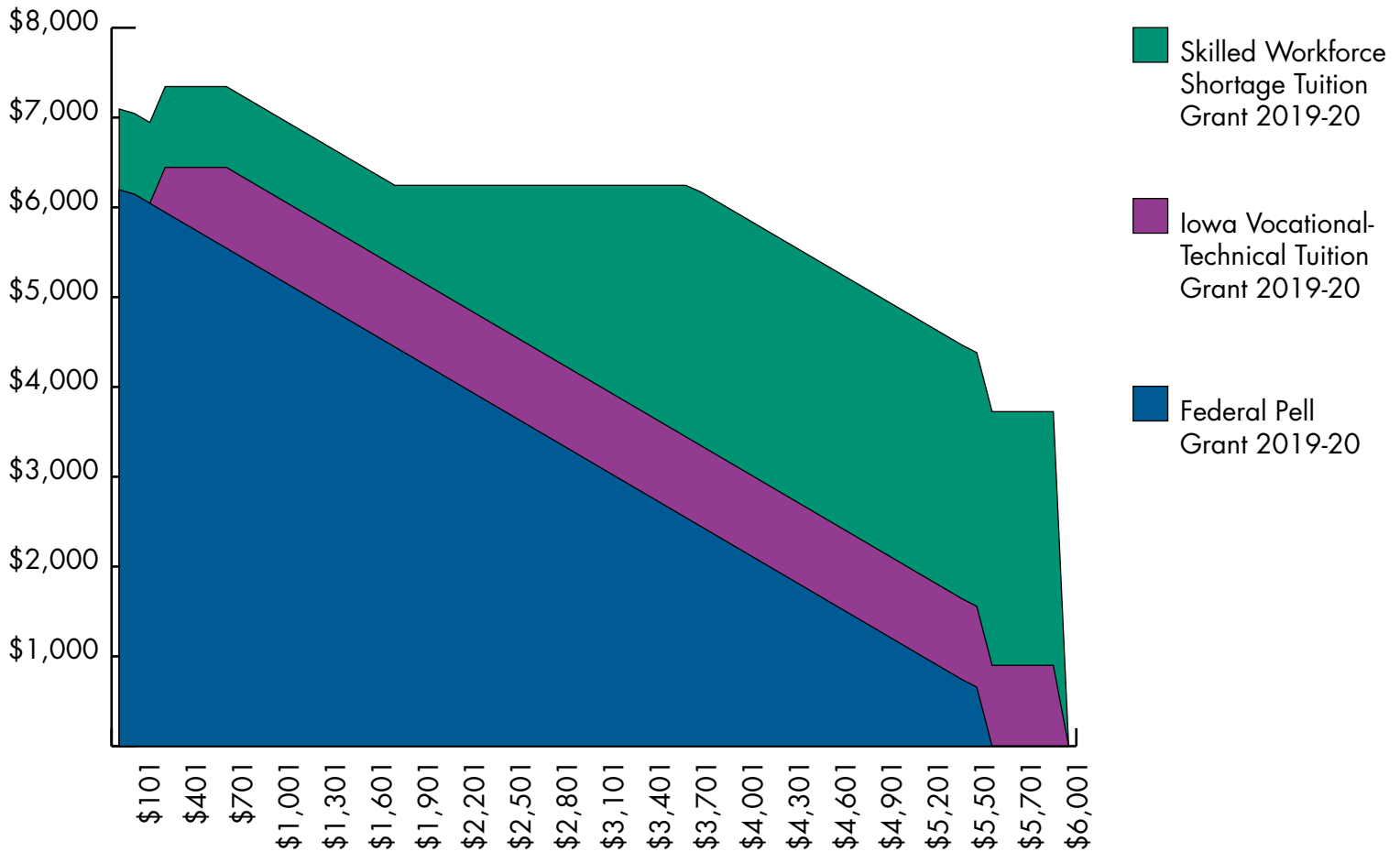
In addition to the general eligibility requirements, applicants had to meet the following program-specific criteria:

Criteria	Skilled Workforce Shortage Tuition Grant	Iowa Vocational-Technical Tuition Grant
Financial Need	Have an Expected Family Contribution (EFC)* of \$0 to \$6,000.	Have an Expected Family Contribution (EFC) of \$201 to \$6,000.
Eligible Programs of Study	Be enrolled in a career/technical education program of study that is aligned with a high-demand job.	Be enrolled in any career/technical education program of study.
Maximum Award	One-half of the average community college tuition and mandatory fees, or \$2,825 for full-time students in 2019-20. Part-time students receive prorated awards.	\$900 for full-time students in 2019-20. Part-time students receive prorated awards.

*The Expected Family Contribution (EFC) is a measure of a family's financial strength and is calculated using data submitted on the FAFSA according to a formula established by federal law. Family size, number of family members in college, assets, taxed and untaxed income, and other benefits (unemployment or Social Security) are considered in the formula. The EFC is used to rank a family's ability to pay for the cost of a postsecondary credential.

AWARDING OF FUNDS

The Skilled Workforce Shortage Tuition Grant and Iowa Vocational-Technical Tuition Grant are awarded in conjunction with the federal Pell Grant in an effort to maximize the amount of grant assistance available for low-income lowans, helping to minimize the cost barrier of attaining a postsecondary education. The interaction between these three programs is shown below.



IMPACT OF GRANT FUNDING

A research study was undertaken in 2017 to determine the impact of the Skilled Workforce Shortage Tuition Grant and Iowa Vocational-Technical Tuition Grant on students' credential attainment rates. The study compared the outcomes of grant recipients to those of a comparison cohort and found that grant recipients were much more likely to earn a credential (48 percent) than those in the comparison cohort (25 percent). In addition, grant recipients who earned a credential did so in an average time of 1.7 years, compared to an average time of 2.3 years to earn a credential for the comparison cohort.

CONCLUSION

As training beyond high school increasingly becomes a standard requirement for most high-demand jobs, the ability to help low-income lowans access and complete these training programs to boost their earnings becomes crucial. The Future Ready Iowa goal that 70 percent of lowans have education or training beyond high school by 2025 will rely, in part, on programs that help make that goal possible for any lowan. Financial aid programs like the Skilled Workforce Shortage Tuition Grant and Iowa Vocational-Technical Tuition Grant have demonstrated the impact they can have on lowans' ability to access and earn postsecondary credentials—benefits that will continue to move Iowa forward for years to come.

APPENDIX A: 2019-20 RECIPIENTS AND EXPENDITURES BY COMMUNITY COLLEGE

College	Skilled Workforce Shortage Tuition Grant		Iowa Vocational-Technical Tuition Grant	
	Recipients	Expenditures	Recipients	Expenditures
Des Moines Area Community College	882	927,373	638	384,305
Eastern Iowa Community College	318	293,158	122	75,443
Hawkeye Community College	307	348,949	202	149,726
Indian Hills Community College	312	379,359	145	97,426
Iowa Central Community College	347	357,974	186	124,261
Iowa Lakes Community College	114	148,278	69	50,792
Iowa Valley Community College	99	112,310	50	37,413
Iowa Western Community College	218	237,535	103	65,857
Kirkwood Community College	790	897,155	564	361,201
North Iowa Area Community College	162	187,181	104	75,363
Northeast Iowa Community College	304	348,767	159	101,655
Northwest Iowa Community College	142	168,008	77	51,500
Southeastern Community College	155	179,738	77	57,126
Southwestern Community College	107	122,071	54	38,875
Western Iowa Tech Community College	155	165,432	124	88,329
TOTALS	4,412*	4,873,288	2,674*	1,759,272

*Some recipients received an award at multiple colleges over the course of the academic year.

APPENDIX B: 2019-20 RECIPIENT DEMOGRAPHICS

Criteria	Skilled Workforce Shortage Tuition Grant	Iowa Vocational-Technical Tuition Grant
Median Age of Recipient	23.43	20.93
Percent of Recipients Below Age 22	44.44%	56.18%
Percent of Recipients Eligible for a Federal Pell Grant	97.39%	94.57%
Percent of Recipients with \$0 EFC	51.62%	0%
Percentage of Recipients who are Male	40.35%	43.46%
Percentage of Recipients who are Female	59.65%	56.54%
Recipient's Parents' Highest Education Level		
Middle School/Jr. high	5.29%	2.97%
High School	36.27%	32.78%
College/Beyond	52.99%	60.75%
Other/Unknown	5.45%	3.88%

**APPENDIX C:
FUNDING HISTORY (LAST FIVE YEARS)**

	Skilled Workforce Shortage Tuition Grant	Iowa Vocational-Technical Tuition Grant
2019-20	\$5,000,000	\$1,750,185
2018-19	\$5,000,000	\$1,750,185
2017-18	\$5,000,000	\$1,750,185
2016-17	\$5,000,000	\$2,250,185
2015-16	\$5,000,000	\$2,250,185

**APPENDIX D:
2019-20 SKILLED WORKFORCE SHORTAGE TUITION GRANT RECIPIENTS
BY PROGRAM OF STUDY**

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Nursing [Practical,Nursing-Associate Degree]	1,248	1,268,556	26.03%
Automotive Mechanic Technician	185	241,074	4.95%
Welding Technology/Welder	151	155,025	3.18%
Childcare Provider/Assistant	148	135,457	2.78%
Computer Programming, Specific Applications	143	139,846	2.87%
Medical Assistant Technology	118	137,098	2.81%
Diesel Equipment Technology	103	156,905	3.22%
Culinary Arts/Chef Training	98	102,850	2.11%
Administrative Assistant and Secretarial Science, General	90	68,058	1.40%
Legal Assistant	86	65,454	1.34%
Network and System Administration/Administrator	83	95,901	1.97%
Computer Systems Networking and Telecommunications	83	92,348	1.89%
Dental Assistance	82	96,236	1.97%
Dental Hygiene Assistant	74	106,025	2.18%
Health Information/Medical Records Technology	74	75,553	1.55%
Web Page, Digital/Multimedia and Information Resources Design	67	63,804	1.31%
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	61	71,845	1.47%
Clinical/Medical Laboratory Technology	59	78,681	1.61%
Veterinary/Animal Health Technology/Technician and Veterinary Assistant	58	79,460	1.63%
Radiologic Technology	53	73,998	1.52%
Electrical, Electronic and Communications Engineering Technology/Technician	51	76,000	1.56%
Carpentry Technology	51	53,257	1.09%
Prepress/Desktop Publishing and Digital Imaging Design	49	53,794	1.10%
Sustainable Agriculture & Entrepreneurship	48	65,727	1.35%
Respiratory Care Therapy/Therapist	47	54,985	1.13%
Surgical Technology	47	46,132	0.95%
Emergency Medical Technology/Technician (EMT)	47	45,442	0.93%
Information Technology	47	39,875	0.82%
Web Development	46	67,206	1.38%
Electromechanical Technology/Electromechanical Engineering Technology	44	54,519	1.12%
Physical Therapist Assistant	41	49,902	1.02%
Industrial Electronics Technology/Technician	40	49,375	1.01%
Agribusiness/Agricultural Business Operations	37	47,535	0.98%
Animal/Livestock Husbandry and Production	37	37,118	0.76%
Farm Equipment and Diesel Technology	33	49,156	1.01%

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APPENDIX D (CONTINUED)

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Occupational Therapist Assistant	33	48,762	1.00%
Energy Management and Systems Technology/Technician	33	46,890	0.96%
Computer Support Specialist	33	33,916	0.70%
Auto Collision Repair/Refinish	32	41,147	0.84%
Machine Tool Technology/Machinist	30	45,624	0.94%
Computer and Information Systems Security/Information Assurance	29	25,683	0.53%
Pharmacy Technician	28	18,419	0.38%
Digital Communication and Media/Multimedia	26	26,305	0.54%
Medical Insurance Coding Specialist/Coder	25	31,407	0.64%
Fire Science	25	29,680	0.61%
Cyber/Computer Forensics and Counterterrorism	23	21,660	0.44%
Architectural Drafting and Architectural CAD/CADD	20	19,781	0.41%
Mechanical Drafting and Mechanical Drafting CAD/CADD	19	23,757	0.49%
Electrician	19	19,877	0.41%
Automation Engineer Technology/Technician	17	20,003	0.41%
Robotics Technology/Technician	16	23,875	0.49%
Baking and Pastry Arts	16	13,927	0.29%
Computer Programming/Programmer	16	11,970	0.25%
Real Time Reporting/Court Reporting	15	30,219	0.62%
Power Line Technology	15	15,430	0.32%
Construction Management	12	15,079	0.31%
Tool and Die Technology/Technician	12	15,033	0.31%
Aviation Maintenance Technology	11	12,552	0.26%
Industrial Mechanics and Maintenance Technology	11	11,687	0.24%
Construction Technology	11	10,909	0.22%
Culinary Arts and Hospitality Management	10	9,705	0.20%
Logistics/Supply Chain Technician	9	12,779	0.26%
Computer/Information Technology Services Administration and Management, Other	9	9,513	0.20%
Hospitality Management	9	5,155	0.11%
Civil Engineering Technology/Technician	8	12,488	0.26%
Engineering Technology	8	12,334	0.25%
Construction Equipment Operation	8	11,530	0.24%
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician	8	7,727	0.16%
Health/Health Care Administration/Management	8	5,490	0.11%
Game and Interactive Media Design	7	10,476	0.21%
Communications Systems Installation and Repair Technology	7	7,715	0.16%
Electroneurodiagnostic Technology	7	6,050	0.12%
Professional Pilot/Flight Crew Technology	7	4,858	0.10%

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APPENDIX D (CONTINUED)

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Aviation and Airport Management	6	11,512	0.24%
CAD/CADD Drafting and/or Design Technology/Technician	5	10,200	0.21%
Mechanical Engineering/Mechanical Technology/Technician	5	8,601	0.18%
Electrical and Power Transmission Installers, Other	5	4,200	0.09%
Gunsmith Technology	4	4,000	0.08%
Plumbing Systems	3	2,250	0.05%
Biotechnology	3	976	0.02%
Manufacturing Engineering Technology/Technician	2	2,538	0.05%
Diagnostic Cardiac/Medical Sonography	2	1,576	0.03%
Modeling, Virtual Environments and Simulations	2	1,013	0.02%
Argonomy and Crop Science	1	1,013	0.02%
Early Childhood Education and Teaching	1	900	0.02%
Dietitian Technician	1	900	0.02%
GRAND TOTAL	4,401	\$4,873,288	100%

*This chart reflects the number of unduplicated Kibbie Grant recipients and the corresponding expenditures by program of study. Recipients and expenditures are associated to the program of study tied to each recipient's first Kibbie Grant in 2019-20.