

SKILLED WORKFORCE SHORTAGE TUITION GRANT & IOWA VOCATIONAL TECHNICAL TUITION GRANT



FY 2023 REPORT



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 2023. 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 2022-23 ACADEMIC YEAR

During the 2022-23 academic year, 19,312 Iowans applied for Skilled Workforce Shortage Tuition Grants and Iowa Vocational-Technical Tuition Grants, which is very comparable to applications in 2021-22 (19,360). Between the two programs, an unduplicated total of 5,075 Iowans received grants, representing about 26.28 percent of applicants. Those recipients, on average, received approximately \$1,345 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 42.87 percent of Skilled Workforce Shortage Tuition Grant recipients also received an Iowa Vocational-Technical Tuition Grant, and 75.93 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 2022-23 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, 2022.

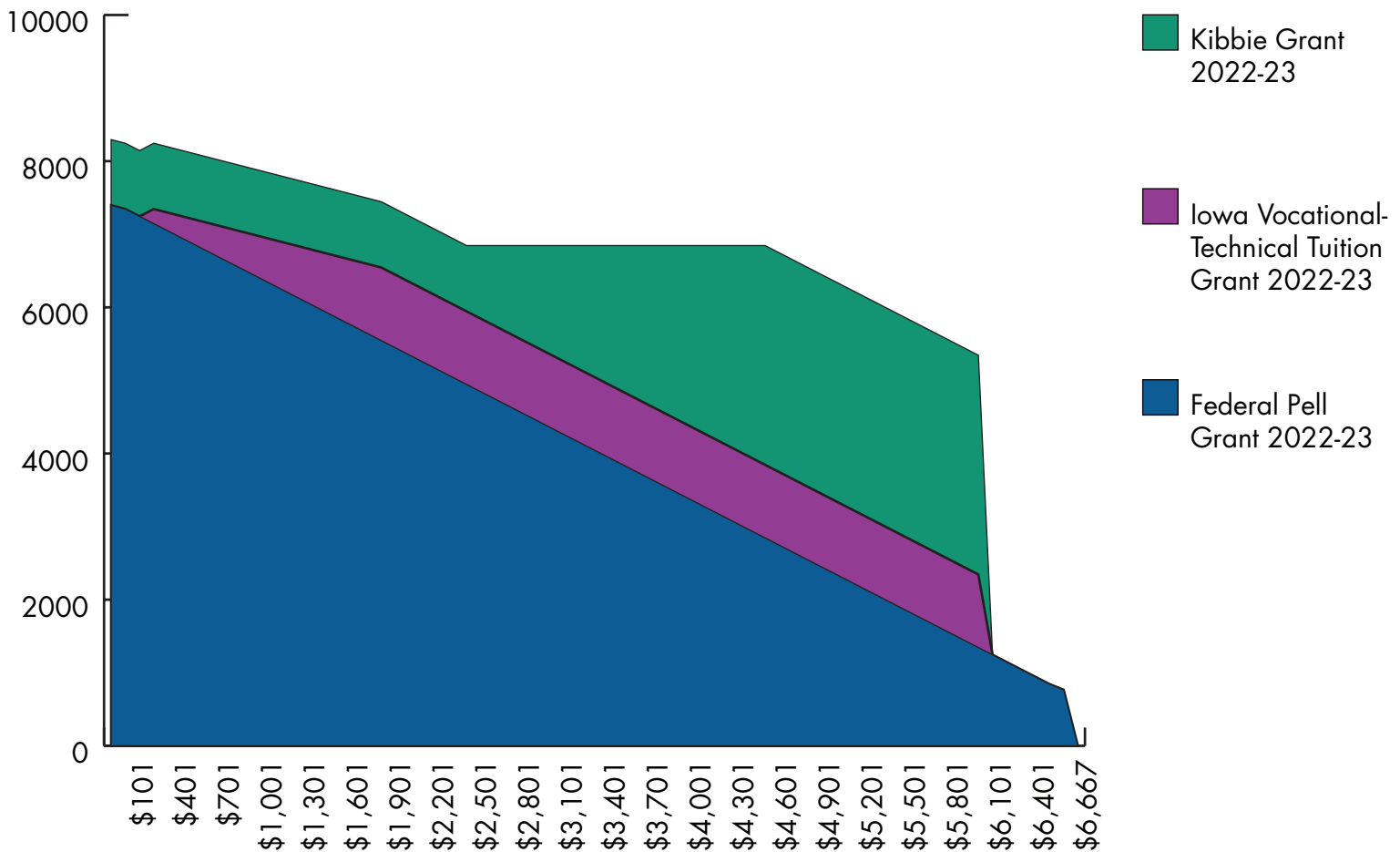
In addition to the general eligibility requirements, applicants had to meet the following program-specific criteria:

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 \$3,000 for full-time students in 2022-23. Part-time students receive prorated awards.	\$1,000 for full-time students in 2022-23. 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: 2022-23 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	987	1,065,733	632	408,859
Eastern Iowa Community College	391	366,157	144	103,004
Hawkeye Community College	340	417,162	188	149,412
Indian Hills Community College	248	328,063	118	87,955
Iowa Central Community College	392	459,219	213	162,376
Iowa Lakes Community College	121	150,538	82	63,412
Iowa Valley Community College	108	148,769	67	55,924
Iowa Western Community College	170	215,404	111	83,440
Kirkwood Community College	715	773,118	452	311,071
North Iowa Area Community College	125	146,442	69	53,837
Northeast Iowa Community College	272	309,717	138	88,674
Northwest Iowa Community College	150	174,994	82	59,588
Southeastern Community College	130	126,407	58	41,938
Southwestern Community College	105	151,125	65	52,975
Western Iowa Tech Community College	219	203,941	104	65,927
TOTALS	4,473*	5,036,789	2,523 *	1,788,392

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

APPENDIX B: 2022-23 RECIPIENT DEMOGRAPHICS

Criteria	Skilled Workforce Shortage Tuition Grant	Iowa Vocational-Technical Tuition Grant
Median Age of Recipient	23.29	20.93
Percent of Recipients Below Age 22	45.29%	56.07%
Percent of Recipients Eligible for a Federal Pell Grant	100.00%	100.00%
Percent of Recipients with \$0 EFC	53.68%	0.00%
Percentage of Recipients who are Male	40.07%	44.25%
Percentage of Recipients who are Female	59.93%	55.75%
Recipient's Parents' Highest Education Level		
Middle School/Jr. high	5.82%	4.44%
High School	36.36%	33.11%
College/Beyond	50.37%	56.94%
Other/Unknown	7.45%	5.52%

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

	Skilled Workforce Shortage Tuition Grant	Iowa Vocational-Technical Tuition Grant
2022-23	\$5,000,000	\$1,750,185
2021-22	\$5,000,000	\$1,750,185
2020-21	\$5,000,000	\$1,750,185
2019-20	\$5,000,000	\$1,750,185
2018-19	\$5,000,000	\$1,750,185

**APPENDIX D:
2022-23 SKILLED WORKFORCE SHORTAGE TUITION GRANT RECIPIENTS
BY PROGRAM OF STUDY**

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Nursing [Practical,Nursing-Associate Degree]	1,072	1,107,418	21.99%
Computer Programming, Specific Applications	217	224,872	4.46%
Automotive Mechanic Technician	206	294,883	5.85%
Criminal Justice/Police Science	205	206,595	4.10%
Welding Technology/Welder	152	165,734	3.29%
Childcare Provider/Assistant	138	110,913	2.20%
Medical Assistant Technology	119	101,544	2.02%
Community Organization and Advocacy	105	77,764	1.54%
Computer Systems Networking and Telecommunications	92	97,619	1.94%
Diesel Equipment Technology	91	122,542	2.43%
Culinary Arts/Chef Training	87	93,707	1.86%
Health Information/Medical Records Technology	81	58,752	1.17%
Legal Assistant	79	67,892	1.35%
Carpentry Technology	78	102,195	2.03%
Dental Assistance	74	98,249	1.95%
Web Page, Digital/Multimedia and Information Resources Design	72	73,411	1.46%
Radiologic Technology	67	107,584	2.14%
Electrician	60	86,988	1.73%
Veterinary/Animal Health Technology/Technician and Veterinary Assistant	59	83,220	1.65%
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	55	76,540	1.52%
Emergency Medical Technology/Technician (EMT)	53	67,366	1.34%
Administrative Assistant and Secretarial Science, General	50	43,105	0.86%
Clinical/Medical Laboratory Technology	50	71,689	1.42%
Dental Hygiene Assistant	50	74,166	1.47%
Cyber/Computer Forensics and Counterterrorism	49	52,834	1.05%
Industrial Mechanics and Maintenance Technology	45	59,522	1.18%
Electrical, Electronic and Communications Engineering Technology/Technician	44	58,339	1.16%
Auto Collision Repair/Refinish	43	57,054	1.13%
Network and System Administration/Administrator	43	44,449	0.88%
Respiratory Care Therapy/Therapist	43	63,630	1.26%
Surgical Technology	39	42,089	0.84%
Computer and Information Systems Security/Information Assurance	38	36,043	0.72%
Agribusiness/Agricultural Business Operations	37	41,493	0.82%
Human Resources Management/Personnel Administration, General	37	33,329	0.66%

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APPENDIX D (CONTINUED)

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Physical Therapist Assistant	35	51,425	1.02%
Animal/Livestock Husbandry and Production	30	42,240	0.84%
Digital Communication and Media/Multimedia	30	33,964	0.67%
Web Development	30	41,192	0.82%
Computer Support Specialist	28	37,164	0.74%
Machine Tool Technology/Machinist	28	45,051	0.89%
Farm Equipment and Diesel Technology	27	40,629	0.81%
Medical Insurance Coding Specialist/Coder	27	23,004	0.46%
Mechanical Drafting and Mechanical Drafting CAD/CADD	25	31,039	0.62%
Power Line Technology	24	45,315	0.90%
Architectural Drafting and Architectural CAD/CADD	23	22,825	0.45%
Construction Management	23	37,778	0.75%
Automation Engineer Technology/Technician	22	23,302	0.46%
Sustainable Agriculture & Entrepreneurship	22	32,575	0.65%
Occupational Therapist Assistant	20	32,852	0.65%
Computer Programming/Programmer	19	21,040	0.42%
Tool and Die Technology/Technician	18	25,434	0.50%
Civil Engineering Technology/Technician	17	21,314	0.42%
Hospitality Management	16	15,741	0.31%
Health/Health Care Administration/Management	15	10,389	0.21%
Electromechanical Technology/Electromechanical Engineering Technology	14	12,926	0.26%
Fire Science	13	14,425	0.29%
Industrial Electronics Technology/Technician	13	18,763	0.37%
Real Time Reporting/Court Reporting	13	19,226	0.38%
Aviation and Airport Management	12	17,612	0.35%
Early Childhood Education and Teaching	12	9,474	0.19%
Aviation Maintenance Technology	11	19,180	0.38%
Pharmacy Technician	11	12,413	0.25%
Robotics Technology/Technician	11	13,013	0.26%
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician	11	14,591	0.29%
Agriculture, General	10	13,250	0.26%
Communications Systems Installation and Repair Technology	10	11,275	0.22%
Energy Management and Systems Technology/Technician	10	11,788	0.23%
Electroneurodiagnostic Technology	9	6,978	0.14%
Information Technology	8	7,913	0.16%
Logistics/Supply Chain Technician	8	7,276	0.14%

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APPENDIX D (CONTINUED)

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Plumbing Systems	8	9,376	0.19%
Sign Language Interpretation and Translation	8	6,028	0.12%
Electrical and Power Transmission Installers, Other	7	9,200	0.18%
Laser and Optical Technology/Technician	7	5,850	0.12%
Baking and Pastry Arts	6	4,838	0.10%
Culinary Arts and Hospitality Management	6	3,301	0.07%
Professional Pilot/Flight Crew Technology	6	9,684	0.19%
Prepress/Desktop Publishing and Digital Imaging Design	6	9,037	0.18%
Mechanical Engineering/Mechanical Technology/Technician	4	6,225	0.12%
Gunsmith Technology	3	4,800	0.10%
Modeling, Virtual Environments and Simulations	3	3,200	0.06%
Biology/Biotechnology Technology/Technician	2	1,337	0.03%
Construction Equipment Operation	2	900	0.02%
Construction Technology	2	2,426	0.05%
Diagnostic Cardiac/Medical Sonography	2	3,975	0.08%
Engineering Technology	2	2,050	0.04%
Biotechnology	1	113	0.00%
Computer/Information Technology Services Administration And Management, Other	1	488	0.01%
Data Modeling/Warehousing And Database Administration	1	617	0.01%
Design And Visual Communications, General	1	750	0.01%
Game And Interactive Media Design	1	900	0.02%
Health Safety & Environmental Technology	1	3,000	0.06%
Social Work	1	225	0.00%
Telecommunications Technology/Technician	1	563	0.01%
GRAND TOTAL	4,467	5,036,789	100.00%

*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 2022-23.