



Department of Education

Career and Technical Education Scholarship and Grant Programs

Fiscal Year 2024

November 2024

State of Iowa
Department of Education
Grimes State Office Building
400 E. 14th Street
Des Moines, IA 50319-0146

Administration

McKenzie Snow, Director

Higher Education Division

Bureau of Iowa College Aid

David Ford, Bureau Chief

Christina Sibaouih, Section Chief

Todd Brown, Section Chief

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Introduction

This report provides statewide data on the Skilled Workforce Shortage Tuition Grant (Kibbie Grant), Iowa Vocational-Technical Tuition Grant and the Future Ready Iowa Last-Dollar Scholarship for fiscal year 2024. The data in the report was compiled by Iowa Department of Education's Bureau of Iowa College Aid (Iowa College Aid) with the assistance of Iowa's 15 community colleges and 3 private colleges/universities that participate in the Future Ready Iowa Last-Dollar Scholarship.

Preparing Iowans for employment in high-demand jobs 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 and helps the state meet its future workforce needs.

Outcomes for the 2023-2024 Academic Year

During the 2023-24 academic year, 20,943 Iowans applied for Kibbie Grants and Iowa Vocational-Technical Tuition Grants, an increase from the 19,312 applications received in 2021-22. Between the two programs, an unduplicated total of 5,863 Iowans received grants, representing about 28 percent of applicants. Those recipients, on average, received approximately \$1,182 in grant funding.

A total of 21,381 Iowans applied for the Future Ready Iowa Last-Dollar Scholarship during the 2023-24 academic year. There were 8,014 Iowans receiving the scholarship, representing about 37.5 percent of applicants. Those recipients, on average, received approximately \$2,288 in scholarship funding.

Due to overlap in the eligibility criteria of the programs, some students are eligible to receive more than one program at a time. There were 9,503 students who received at least one of these programs and 1,723 (18.2%) received all three programs. The chart below indicates the percentage of recipients who received financial aid through two programs depending on the size of the recipient population. For example, the percentage of Last-Dollar Scholarship recipients who also received an Iowa Vocational-Technical Tuition Grant was 23.79 percent while the percentage of Iowa Vocational-Technical Tuition Grant recipients who also received the Last-Dollar Scholarship was 70.86 percent.

	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Last-Dollar Scholarship
Kibbie Grant	100.00%	39.79%	79.53%
Iowa Vocational-Technical Tuition Grant	77.96%	100.00%	70.86%
Last-Dollar Scholarship	52.30%	23.79%	100.00%

Eligibility Criteria

Given the similarities between the Kibbie Grant, Iowa Vocational-Technical Tuition Grant and Future Ready Iowa Last-Dollar Scholarship, the following chart provides a side-by-side illustration of the eligibility criteria of each program.

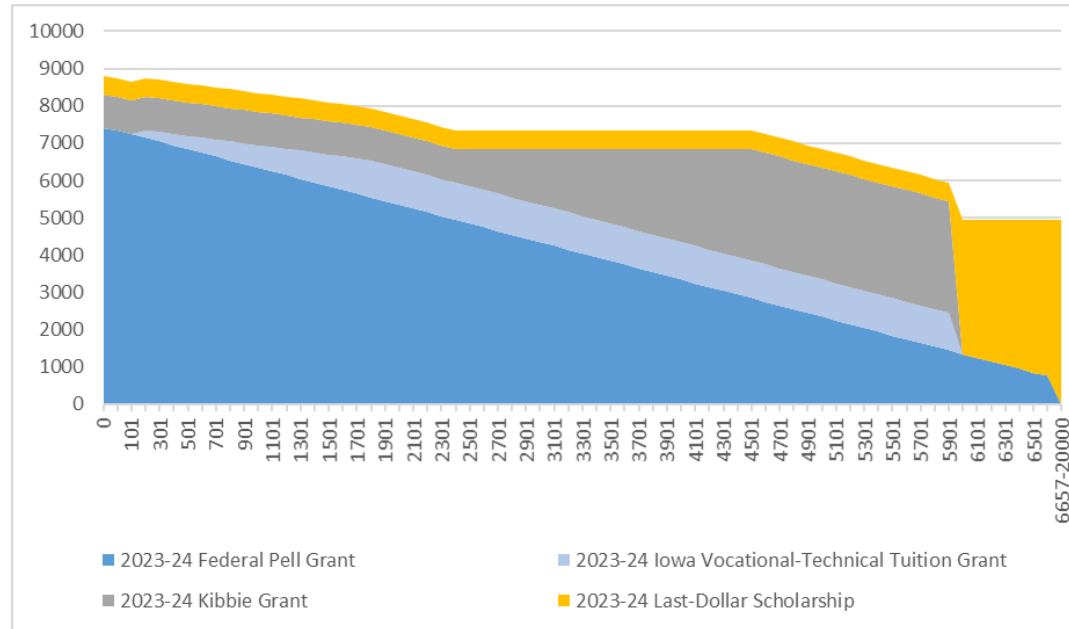
In order to receive an award under each program, an applicant must be an Iowa resident. In addition, applicants must have met the following program-specific criteria to receive an award:

Criteria	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Last-Dollar Scholarship
Financial Need	Have an Expected Family Contribution (EFC) at or below \$6,000.	Have an Expected Family Contribution (EFC) of \$201 to \$6,000.	Have an Expected Family Contribution (EFC) or at or below \$20,000.
Eligible Institutions	Iowa Community Colleges	Iowa Community Colleges	Iowa Community Colleges and Iowa Private Colleges/Universities
FAFSA Application Deadline	July 1	July 1	July 15
Eligible Programs of Study	Be enrolled in a career/technical education program of study that is aligned with a high-demand job. No wage threshold. Community colleges may add programs after completing a regional skills analysis.	Be enrolled in any career/technical education program of study. No wage or high-demand job thresholds.	Be enrolled in a high-wage and high-demand career/technical education program of study that is identified by IWD or a community college.

Criteria	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Last-Dollar Scholarship
Maximum Award	One-half of the average community college tuition and mandatory fees, or \$3,000 for full-time students in 2023-24. Part-time students receive prorated awards.	\$1,000 for full-time students in 2023-24. Can cover tuition and mandatory fees. Part-time students receive prorated awards.	The award covers the student's remaining tuition and institution-wide mandatory fees after other federal and state grant aid is applied (the only limit is the amount of tuition and institution-wide mandatory fees charged by a community college). All qualified full-time applicants receive at least the minimum award of \$500. The award a student receives under the Skilled Workforce Shortage Tuition Grant and Iowa Vocational-Technical Tuition Grant is deducted from the student's Last-Dollar Scholarship award in the calculation previously illustrated.
Credit Hour Requirement	Must be enrolled in at least 3 credit hours per semester.	Must be enrolled in at least 3 credit hours per semester.	Must be enrolled in at least 6 credit hours per semester.
Continuous Enrollment Requirements	No requirement that the student continuously enroll to maintain eligibility.	No requirement that the student continuously enroll to maintain eligibility.	Recipients must continuously enroll in successive fall/spring semesters in order to continue to qualify.
Other Enrollment Requirements	Can enroll at any time if the student has completed a high school diploma, an equivalency diploma, or homeschool diploma.	Can enroll at any time if the student has completed a high school diploma, an equivalency diploma, or homeschool diploma.	Students under age 20 must graduate from an Iowa high school, an Iowa homeschool program, or complete an equivalency diploma. Students age 20 and above can graduate from out of state high schools.
Limit of Receipt	The equivalent of 5 full-time semesters. This limit resets after 2 years of no enrollment.	The equivalent of 5 full-time semesters. This limit resets after 2 years of no enrollment.	The equivalent of 8 part-time semesters. There is no reset provision – this is a lifetime limit.

Awarding of Funds

The Kibbie 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 Future Ready Iowa Last-Dollar Scholarship is awarded after all other federal and state aid is paid up to tuition and institution-wide mandatory fees. If tuition and institution-wide mandatory fees are covered with other aid, students will automatically receive a minimum scholarship of \$250 per semester. The interaction between these programs is shown in the following image.



Impact of Funding

A research study was undertaken in 2017 to determine the impact of the Kibbie 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.

Appendices

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 all programs in Appendix C, a breakdown of recipients by program of study in Appendix D, E, and F, and a breakdown of recipients by career cluster in Appendix G, H, and I.

Appendix A

2023-2024 Recipients and Expenditures by Eligible College.

College	Kibbie Grant Recipients	Kibbie Grant Expenditures	Iowa Vocational-Technical Tuition Grant Recipients	Iowa Vocational-Technical Tuition Grant Expenditures	Last-Dollar Scholarship Recipients	Last-Dollar Scholarship Expenditures
Des Moines Area Community College	1,105	1,067,923	605	362,303	1,683	3,186,897
Eastern Iowa Community College	475	390,703	180	103,850	640	975,388
Hawkeye Community College	434	458,051	222	153,743	627	1,781,573
Indian Hills Community College	284	338,428	142	94,833	402	1,077,387
Iowa Central Community College	446	453,517	236	154,332	650	1,557,229
Iowa Lakes Community College	125	137,681	78	52,542	211	735,243
Iowa Valley Community College	121	141,253	65	49,768	229	723,416
Iowa Western Community College	194	182,983	95	64,151	221	521,559
Kirkwood Community College	832	837,633	510	317,911	1,111	2,703,556
North Iowa Area Community College	130	128,376	81	52,194	253	639,382
Northeast Iowa Community College	245	243,990	121	72,488	458	1,271,654
Northwest Iowa Community College	157	154,792	77	49,396	312	1,085,831
Southeastern Community College	151	151,409	67	47,787	253	546,065

College	Kibbie Grant Recipients	Kibbie Grant Expenditures	Iowa Vocational-Technical Tuition Grant Recipients	Iowa Vocational-Technical Tuition Grant Expenditures	Last-Dollar Scholarship Recipients	Last-Dollar Scholarship Expenditures
Southwestern Community College	97	101,395	56	40,030	172	351,518
Western Iowa Tech Community College	477	422,645	158	101,930	566	980,992
Allen College	-	-	-	-	18	19,017
Mercy College of Health Sciences	-	-	-	-	163	154,494
St. Luke's College	-	-	-	-	52	40,804
TOTALS	5,273	5,210,779	2,693	1,717,258	8,021	18,352,005

Appendix B

2023-24 Recipient Demographics.

	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Future Ready Iowa Last-Dollar Scholarship
Median Age of Recipient	22.94	20.45	21.28
Percent of Recipients Below Age 22	46.72%	58.18%	53.60%
Percent of Recipients Eligible for Federal Pell Grant	100.00%	100.00%	66.55%
Percent of Recipients with \$0 EFC	56.64%	0.00%	35.97%
Recipients' Parents' Highest Education Level			

	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Future Ready Iowa Last-Dollar Scholarship
Middle School/Jr. High	6.45%	4.39%	5.48%
High School	35.65%	31.19%	31.22%
College/Beyond	49.70%	58.59%	56.85%
Other/Unknown	8.20%	5.84%	6.45%

Appendix C

Funding History (Last Five Years).

Academic Year	Kibbie Grant	Iowa Vocational-Technical Tuition Grant	Future Ready Iowa Last-Dollar Scholarship
2023-24	\$ 5,000,000	\$ 1,750,185	\$ 23,927,005
2022-23	\$ 5,000,000	\$ 1,750,185	\$ 23,927,005
2021-22	\$ 5,000,000	\$ 1,750,185	\$ 23,004,744
2020-21	\$ 5,000,000	\$ 1,750,185	\$ 13,004,744
2019-20	\$ 5,000,000	\$ 1,750,185	\$ 13,004,744

Appendix D

2023-24 Kibbie Grant Recipients by Program of Study.

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Nursing [Practical, Nursing-Associate Degree]	1,222	1,134,904	21.78%
Criminal Justice/Police Science	267	224,515	4.31%
Computer Programming, Specific Applications	259	251,168	4.82%
Automotive Mechanic Technician	233	294,926	5.66%
Welding Technology/Welder	180	140,250	2.69%
Childcare Provider/Assistant	154	93,033	1.79%
Culinary Arts/Chef Training	147	136,399	2.62%
Medical Assistant Technology	114	103,523	1.99%
Computer Systems Networking and Telecommunications	108	125,386	2.41%
Community Organization and Advocacy	105	81,389	1.56%
Legal Assistant	99	70,443	1.35%
Web Page, Digital/Multimedia and Information Resources Design	87	77,837	1.49%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Administrative Assistant and Secretarial Science, General	86	58,805	1.13%
Diesel Equipment Technology	86	115,723	2.22%
Electrician	84	99,218	1.90%
Dental Assistance	74	79,827	1.53%
Carpentry Technology	72	75,686	1.45%
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician	70	74,578	1.43%
Radiologic Technology	70	90,490	1.74%
Emergency Medical Technology/Technician (EMT)	69	58,129	1.12%
Network and System Administration/Administrator	69	60,645	1.16%
Veterinary/Animal Health Technology/Technician and Veterinary Assistant	69	81,661	1.57%
Human Resources Management/Personnel Administration, General	60	48,810	0.94%
Computer and Information Systems Security/Information Assurance	58	52,030	1.00%
Auto Collision Repair/Refinish	57	68,719	1.32%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Surgical Technology	57	61,154	1.17%
Health Information/Medical Records Technology	54	40,210	0.77%
Dental Hygiene Assistant	53	65,510	1.26%
Medical Insurance Coding Specialist/Coder	52	49,046	0.94%
Cyber/Computer Forensics and Counterterrorism	51	39,443	0.76%
Agribusiness/Agricultural Business Operations	50	51,777	0.99%
Clinical/Medical Laboratory Technology	48	62,527	1.20%
Digital Communication and Media/Multimedia	42	41,286	0.79%
Industrial Mechanics and Maintenance Technology	42	47,151	0.90%
Respiratory Care Therapy/Therapist	41	51,150	0.98%
Farm Equipment and Diesel Technology	38	74,164	1.42%
Physical Therapist Assistant	38	46,615	0.89%
Sustainable Agriculture & Entrepreneurship	38	41,950	0.81%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Computer Programming/Programmer	31	23,046	0.44%
Construction Management	30	32,538	0.62%
Fire Science	30	36,034	0.69%
Graphic Design	30	26,467	0.51%
Computer Support Specialist	29	27,239	0.52%
Electrical, Electronic and Communications Engineering Technology/Technician	29	24,602	0.47%
Electromechanical Technology/Electromechanical Engineering Technology	29	25,196	0.48%
Mechanical Drafting and Mechanical Drafting CAD/CADD	29	42,817	0.82%
Web Development	29	37,016	0.71%
Automation Engineer Technology/Technician	28	28,987	0.56%
Machine Tool Technology/Machinist	28	26,404	0.51%
Occupational Therapist Assistant	28	49,178	0.94%
Architectural Drafting and Architectural CAD/CADD	25	23,277	0.45%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Animal/Livestock Husbandry and Production	24	26,669	0.51%
Civil Engineering Technology/Technician	24	35,015	0.67%
Aviation Maintenance Technology	21	34,957	0.67%
Early Childhood Education and Teaching	21	17,477	0.34%
Power Line Technology	21	33,116	0.64%
Real Time Reporting/Court Reporting	20	31,291	0.60%
Sign Language Interpretation and Translation	19	22,593	0.43%
Hospitality Management	15	16,538	0.32%
Health/Health Care Administration/Management	14	11,056	0.21%
Professional Pilot/Flight Crew Technology	13	8,425	0.16%
Tool and Die Technology/Technician	13	12,038	0.23%
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician	13	16,890	0.32%
Agriculture, General	12	13,850	0.27%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Industrial Electronics Technology/Technician	12	12,150	0.23%
Robotics Technology/Technician	12	10,288	0.20%
Plumbing Systems	11	15,226	0.29%
Aviation and Airport Management	10	8,362	0.16%
Information Technology	10	8,901	0.17%
Electrical and Power Transmission Installers, Other	9	8,029	0.15%
Electroneurodiagnostic Technology	9	9,789	0.19%
Laser and Optical Technology/Technician	9	12,713	0.24%
Modeling, Virtual Environments and Simulations	9	4,539	0.09%
Communications Systems Installation and Repair Technology	7	5,974	0.11%
Culinary Arts and Hospitality Management	7	3,593	0.07%
Logistics/Supply Chain Technician	7	4,313	0.08%
Biology/Biotechnology Technology/Technician	6	2,626	0.05%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Mechanical Engineering/Mechanical Technology/Technician	6	6,038	0.12%
Construction Technology	5	3,813	0.07%
Engineering Technology	5	6,787	0.13%
Gunsmith Technology	5	7,650	0.15%
Pharmacy Technician	5	5,288	0.10%
Design and Visual Communications, General	3	3,650	0.07%
Energy Management and Systems Technology/Technician	3	6,750	0.13%
Health Safety & Environmental Technology	3	2,626	0.05%
Baking and Pastry Arts	2	1,068	0.02%
Game and Interactive Media Design	2	2,587	0.05%
Telecommunications Technology/Technician	2	1,013	0.02%
Agronomy and Crop Science	1	300	0.01%
Biotechnology	1	338	0.01%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Construction Equipment Operation	1	3,575	0.07%
Grand Total	5,270	5,210,779	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 in which each recipient was first enrolled in 2023-24 (if multiple).

Appendix E

2023-24 Iowa Vocational Technical Tuition Grant Recipients by Program of Study.

*This chart reflects the number of unduplicated Iowa Vocational Technical Tuition Grant recipients and the corresponding expenditures by program of study. Recipients and expenditures are associated to the program of study in which each recipient was first enrolled in 2023-24 (if multiple).

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Registered Nursing/Registered Nurse.	326	193,483	11.27%
Business Administration and Management, General.	181	109,645	6.38%
Licensed Practical/Vocational Nurse Training.	128	74,757	4.35%
Computer Programming, Specific Applications.	120	71,573	4.17%
Accounting.	112	66,923	3.90%
Criminal Justice/Police Science.	104	59,477	3.46%
Automobile/Automotive Mechanics Technology/Technician.	98	75,680	4.41%
Welding Technology/Welder.	70	41,300	2.40%
Culinary Arts/Chef Training.	52	37,331	2.17%
Diesel Mechanics Technology/Technician.	49	39,052	2.27%
Computer Systems Networking and Telecommunications.	47	35,138	2.05%
Child Care Provider/Assistant.	44	20,036	1.17%
Web Page, Digital/Multimedia and Information Resources Design.	40	20,513	1.19%
Electrician.	39	28,981	1.69%
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.	38	25,230	1.47%
Medical/Clinical Assistant.	35	20,849	1.21%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Veterinary/Animal Health Technology/Technician and Veterinary Assistant.	31	24,781	1.44%
Radiologic Technology/Science - Radiographer.	31	22,073	1.29%
Agricultural/Farm Supplies Retailing and Wholesaling.	30	22,693	1.32%
Network and System Administration/Administrator.	30	16,915	0.99%
Dental Assisting/Assistant.	29	18,025	1.05%
Dental Hygiene/Hygienist.	29	20,636	1.20%
Community Organization and Advocacy.	28	16,662	0.97%
Administrative Assistant and Secretarial Science, General.	27	12,974	0.76%
Agribusiness/Agricultural Business Operations.	26	18,463	1.08%
Carpentry/Carpenter.	26	18,312	1.07%
Medical Administrative/Executive Assistant and Medical Secretary.	26	13,338	0.78%
Physical Therapy Assistant.	25	14,244	0.83%
Surgical Technology/Technologist.	25	15,263	0.89%
Autobody/Collision and Repair Technology/Technician.	24	18,025	1.05%
Clinical/Medical Laboratory Technician.	24	16,944	0.99%
Agricultural Power Machinery Operation.	23	21,018	1.22%
Computer and Information Systems Security/Auditing/Information Assurance.	23	12,544	0.73%
Legal Assistant/Paralegal.	23	10,543	0.61%
Interior Design.	22	16,859	0.98%
Emergency Medical Technology/Technician (EMT Paramedic).	22	10,917	0.64%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Sales, Distribution, and Marketing Operations, General.	22	12,906	0.75%
Agricultural Production Operations, General.	21	15,186	0.88%
Human Resources Management/Personnel Administration, General.	21	11,856	0.69%
Industrial Mechanics and Maintenance Technology/Technician.	19	13,567	0.79%
Occupational Therapist Assistant.	19	15,713	0.92%
Digital Communication and Media/Multimedia.	18	14,225	0.83%
Respiratory Care Therapy/Therapist.	18	12,075	0.70%
Marketing/Marketing Management, General.	18	9,969	0.58%
Mechanical Drafting and Mechanical Drafting CAD/CADD.	17	13,675	0.80%
Health Information/Medical Records Technology/Technician.	17	8,765	0.51%
Fire Science/Fire-fighting.	15	11,050	0.64%
Medical Insurance Coding Specialist/Coder.	15	9,669	0.56%
Natural Resources/Conservation, General.	14	7,631	0.44%
Lineworker.	14	10,825	0.63%
Graphic Design.	14	9,826	0.57%
Accounting Technology/Technician and Bookkeeping.	14	7,744	0.45%
Construction Management, General.	14	9,781	0.57%
Computer Programming/Programmer, General.	12	5,338	0.31%
Computer Support Specialist.	12	9,025	0.53%
Court Reporting and Captioning/Court Reporter.	12	9,425	0.55%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Commercial and Advertising Art.	12	9,519	0.55%
Civil Engineering Technologies/Technicians.	11	7,944	0.46%
Architectural Drafting and Architectural CAD/CADD.	11	6,500	0.38%
Digital Arts.	11	6,140	0.36%
Cinematography and Film/Video Production.	11	6,306	0.37%
Animal/Livestock Husbandry and Production.	10	6,691	0.39%
Electrical, Electronic, and Communications Engineering Technology/Technician.	10	5,175	0.30%
Electromechanical/Electromechanical Engineering Technology/Technician.	10	6,869	0.40%
Automation Engineer Technology/Technician.	10	9,000	0.52%
Cyber/Computer Forensics and Counterterrorism.	10	6,113	0.36%
Applied Horticulture/Horticultural Business Services, Other.	9	6,425	0.37%
Prepress/Desktop Publishing and Digital Imaging Design.	9	3,220	0.19%
Early Childhood Education and Teaching.	9	4,156	0.24%
Human Services, General.	9	5,150	0.30%
Commercial Photography.	9	6,000	0.35%
Apparel and Accessories Marketing Operations.	9	4,950	0.29%
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	8	6,038	0.35%
Sign Language Interpretation and Translation.	8	6,500	0.38%
Robotics Technology/Technician.	7	4,500	0.26%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Airframe Mechanics and Aircraft Maintenance Technology/Technician.	7	6,416	0.37%
Aeronautics/Aviation/Aerospace Science and Technology, General.	7	4,975	0.29%
Finance, General.	7	2,987	0.17%
Hospitality Administration/Management, General.	7	5,250	0.31%
Electrical and Power Transmission Installers, Other.	6	4,606	0.27%
Plumbing Technology/Plumber.	5	4,650	0.27%
Industrial Electronics Technology/Technician.	5	3,800	0.22%
Tool and Die Technology/Technician.	5	3,100	0.18%
Airline/Commercial/Professional Pilot and Flight Crew.	5	2,568	0.15%
Music Performance, General.	5	4,750	0.28%
Entrepreneurship/Entrepreneurial Studies.	5	4,225	0.25%
Agriculture, General.	4	4,050	0.24%
Animation, Interactive Technology, Video Graphics, and Special Effects.	4	2,837	0.17%
Sport and Fitness Administration/Management.	4	3,250	0.19%
Construction Trades, General.	4	1,650	0.10%
Communications Systems Installation and Repair Technology/Technician.	4	1,975	0.12%
Avionics Maintenance Technology/Technician.	4	2,501	0.15%
Machine Tool Technology/Machinist.	4	2,267	0.13%
Health/Health Care Administration/Management.	4	1,738	0.10%
Horse Husbandry/Equine Science and Management.	3	2,750	0.16%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Turf and Turfgrass Management.	3	2,500	0.15%
Environmental/Natural Resources Management and Policy, General.	3	2,875	0.17%
Radio and Television Broadcasting Technology/Technician.	3	2,425	0.14%
Recording Arts Technology/Technician.	3	1,151	0.07%
Cooking and Related Culinary Arts, General.	3	1,654	0.10%
Laser and Optical Technology/Technician.	3	3,566	0.21%
Physical Fitness Technician.	3	1,131	0.07%
Gunsmithing/Gunsmith.	3	3,400	0.20%
Dental Laboratory Technology/Technician.	3	2,575	0.15%
Small Business Administration/Management.	3	575	0.03%
Hotel/Motel Administration/Management.	3	1,575	0.09%
Dairy Husbandry and Production.	2	475	0.03%
Agricultural Production Operations, Other.	2	1,017	0.06%
Applied Horticulture/Horticulture Operations, General.	2	1,700	0.10%
Agronomy and Crop Science.	2	1,300	0.08%
Public Relations/Image Management.	2	1,000	0.06%
Information Technology.	2	1,525	0.09%
Cosmetology/Cosmetologist, General.	2	750	0.04%
Environmental/Environmental Engineering Technology/Technician.	2	1,250	0.07%
Energy Systems Technology/Technician.	2	1,225	0.07%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.	2	1,625	0.09%
Game and Interactive Media Design.	2	1,375	0.08%
Pharmacy Technician/Assistant.	2	1,725	0.10%
Environmental Studies.	1	225	0.01%
Journalism.	1	1,000	0.06%
Modeling, Virtual Environments and Simulation.	1	125	0.01%
Funeral Service and Mortuary Science, General.	1	1,000	0.06%
Baking and Pastry Arts/Baker/Pastry Chef.	1	700	0.04%
Engineering Technologies/Technicians, General.	1	500	0.03%
Mechanical/Mechanical Engineering Technology/Technician.	1	1,000	0.06%
Biology/Biotechnology Technology/Technician.	1	625	0.04%
Criminal Justice/Safety Studies.	1	1,000	0.06%
Geographic Information Science and Cartography.	1	600	0.03%
Small Engine Mechanics and Repair Technology/Technician.	1	100	0.01%
Marine Maintenance/Fitter and Ship Repair Technology/Technician.	1	750	0.04%
Construction/Heavy Equipment/Earthmoving Equipment Operation.	1	1,000	0.06%
Electroneurodiagnostic/Electroencephalographic Technology/Technologist.	1	750	0.04%
Substance Abuse/Addiction Counseling.	1	250	0.01%
Rehabilitation and Therapeutic Professions, Other.	1	750	0.04%
Logistics, Materials, and Supply Chain Management.	1	500	0.03%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Selling Skills and Sales Operations.	1	1,000	0.06%
Grand Total	2,690	1,717,258	100.00%

Appendix F

2023-24 Future Ready Iowa Last-Dollar Scholarship Recipients by Program of Study.

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Registered Nursing/Registered Nurse.	1,251	2,558,598	13.94%
Licensed Practical/Vocational Nurse Training.	510	863,379	4.70%
Criminal Justice/Police Science.	372	707,863	3.86%
Computer Programming, Specific Applications.	367	739,468	4.03%
Automobile/Automotive Mechanics Technology/Technician.	364	1,035,289	5.64%
Business Administration and Management, General.	355	732,346	3.99%
Welding Technology/Welder.	278	636,098	3.47%
Accounting.	257	495,651	2.70%
Computer Systems Networking and Telecommunications.	172	422,680	2.30%
Radiologic Technology/Science - Radiographer.	154	415,216	2.26%
Legal Assistant/Paralegal.	145	268,539	1.46%
Diesel Mechanics Technology/Technician.	143	466,923	2.54%
Medical/Clinical Assistant.	137	256,916	1.40%
Electrician.	136	394,701	2.15%
Administrative Assistant and Secretarial Science, General.	130	259,426	1.41%
Dental Assisting/Assistant.	130	370,186	2.02%
Web Page, Digital/Multimedia and Information Resources Design.	130	233,180	1.27%
Community Organization and Advocacy.	129	155,709	0.85%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Culinary Arts/Chef Training.	125	179,071	0.98%
Carpentry/Carpenter.	119	342,597	1.87%
Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.	119	372,389	2.03%
Medical Administrative/Executive Assistant and Medical Secretary.	110	150,341	0.82%
Network and System Administration/Administrator.	100	184,153	1.00%
Computer and Information Systems Security/Auditing/Information Assurance.	95	158,453	0.86%
Dental Hygiene/Hygienist.	89	253,356	1.38%
Industrial Mechanics and Maintenance Technology/Technician.	88	268,633	1.46%
Human Resources Management/Personnel Administration, General.	86	163,525	0.89%
Physical Therapy Assistant.	83	242,976	1.32%
Cyber/Computer Forensics and Counterterrorism.	81	154,320	0.84%
Veterinary/Animal Health Technology/Technician and Veterinary Assistant.	79	245,270	1.34%
Agricultural Power Machinery Operation.	72	308,705	1.68%
Surgical Technology/Technologist.	72	140,533	0.77%
Agribusiness/Agricultural Business Operations.	71	179,626	0.98%
Digital Communication and Media/Multimedia.	67	141,943	0.77%
Clinical/Medical Laboratory Technician.	65	166,058	0.90%
Lineworker.	63	306,488	1.67%
Electrical, Electronic, and Communications Engineering Technology/Technician.	62	223,055	1.22%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Autobody/Collision and Repair Technology/Technician.	60	134,787	0.73%
Respiratory Care Therapy/Therapist.	59	138,307	0.75%
Medical Insurance Coding Specialist/Coder.	58	89,710	0.49%
Construction Management, General.	56	158,031	0.86%
Mechanical Drafting and Mechanical Drafting CAD/CADD.	51	152,770	0.83%
Occupational Therapist Assistant.	51	199,523	1.09%
Automation Engineer Technology/Technician.	48	125,578	0.68%
Computer Programming/Programmer, General.	47	75,173	0.41%
Civil Engineering Technologies/Technicians.	44	115,696	0.63%
Agricultural Production Operations, General.	43	110,572	0.60%
Computer Support Specialist.	43	114,294	0.62%
Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.	39	33,804	0.18%
Architectural Drafting and Architectural CAD/CADD.	37	91,613	0.50%
Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.	34	115,163	0.63%
Electromechanical/Electromechanical Engineering Technology/Technician.	30	39,874	0.22%
Sign Language Interpretation and Translation.	29	59,946	0.33%
Agriculture, General.	28	87,327	0.48%
Airframe Mechanics and Aircraft Maintenance Technology/Technician.	28	89,708	0.49%
Tool and Die Technology/Technician.	26	77,914	0.42%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Industrial Electronics Technology/Technician.	25	119,459	0.65%
Electrical and Power Transmission Installers, Other.	23	106,521	0.58%
Information Technology.	22	75,426	0.41%
Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.	22	40,986	0.22%
Aeronautics/Aviation/Aerospace Science and Technology, General.	21	82,352	0.45%
Health Information/Medical Records Technology/Technician.	21	39,194	0.21%
Machine Tool Technology/Machinist.	20	50,166	0.27%
Graphic Design.	19	44,600	0.24%
Plumbing Technology/Plumber.	19	56,083	0.31%
Animal/Livestock Husbandry and Production.	15	33,580	0.18%
Laser and Optical Technology/Technician.	15	37,122	0.20%
Horse Husbandry/Equine Science and Management.	14	37,791	0.21%
Hospitality Administration/Management, General.	14	26,371	0.14%
Biology/Biotechnology Technology/Technician.	12	17,861	0.10%
Entrepreneurship/Entrepreneurial Studies.	11	35,892	0.20%
Agricultural/Farm Supplies Retailing and Wholesaling.	10	23,944	0.13%
Gunsmithing/Gunsmith.	10	45,314	0.25%
Modeling, Virtual Environments and Simulation.	10	14,716	0.08%
Communications Systems Installation and Repair Technology/Technician.	9	14,578	0.08%

Program of Study	Recipients*	Expenditures	Percent of Total Expenditures
Engineering Technologies/Technicians, General.	9	20,368	0.11%
Mechanical/Mechanical Engineering Technology/Technician.	9	30,718	0.17%
Dairy Husbandry and Production.	8	16,137	0.09%
Energy Systems Technology/Technician.	8	29,579	0.16%
Environmental Studies.	8	43,951	0.24%
Agricultural Production Operations, Other.	7	20,663	0.11%
Robotics Technology/Technician.	6	10,600	0.06%
Dental Laboratory Technology/Technician.	5	4,428	0.02%
Clinical Laboratory Science/Medical Technology/Technologist.	4	22,257	0.12%
Criminal Justice/Safety Studies.	4	1,924	0.01%
Design and Visual Communications, General.	4	9,165	0.05%
Construction Trades, General.	3	6,602	0.04%
Construction/Heavy Equipment/Earthmoving Equipment Operation.	3	18,728	0.10%
Biomedical Technology/Technician.	2	3,447	0.02%
Telecommunications Technology/Technician.	2	1,575	0.01%
Clinical/Medical Laboratory Assistant.	1	5,957	0.03%
Emergency Medical Technology/Technician (EMT Paramedic).	1	500	0.00%
Grand Total	8,013	18,352,005	100.00%

*This chart reflects the number of unduplicated Future Ready Iowa Last-Dollar Scholarship recipients and the corresponding expenditures by program of study. Recipients and expenditures are associated to the program of study in which each recipient was first enrolled in 2023-24 (if multiple)

Appendix G

2023-24 Kibbie Grant Recipients by Career Cluster.

Career Cluster	Recipients*	Expenditures	Percent of Expenditures
Health Science	1,948	1,941,928	37.27%
Information Technology	705	669,345	12.85%
Law, Public Safety, Corrections & Security	485	420,412	8.07%
Transportation, Distribution & Logistics	427	535,425	10.28%
Manufacturing	411	396,799	7.61%
Architecture & Construction	373	418,106	8.02%
Human Services	259	174,422	3.35%
Agriculture, Food & Natural Resources	185	230,852	4.43%
Hospitality & Tourism	171	157,598	3.02%
Business Management & Administration	146	107,615	2.07%
Arts, Audio/Video Technology & Communications	110	113,330	2.17%
Education & Training	40	40,070	0.77%
Science, Technology, Engineering & Mathematics	10	4,877	0.09%

Career Cluster	Recipients*	Expenditures	Percent of Expenditures
Grand Total	5,270	5,210,779	100.00%

*This chart reflects the number of unduplicated Kibbie Grant recipients and the corresponding expenditures by career cluster. Recipients and expenditures are associated to the career cluster tied to each recipient's first grant in 2023-24.

Appendix H

2023-24 Iowa Vocational-Technical Tuition Grant Recipients by Program of Study.

Career Cluster	Recipients*	Expenditures	Percent of Expenditures
Health Science	989	608,779	35.45%
Information Technology	296	178,684	10.41%
Business Management & Administration	239	136,109	7.93%
Transportation, Distribution & Logistics	197	150,567	8.77%
Law, Public Safety, Corrections & Security	177	102,412	5.96%
Architecture & Construction	175	122,821	7.15%
Manufacturing	164	111,827	6.51%
Agriculture, Food & Natural Resources	148	112,181	6.53%
Arts, Audio/Video Technology & Communications	130	88,608	5.16%
Human Services	91	47,979	2.79%
Hospitality & Tourism	66	46,510	2.71%
Education & Training	17	10,656	0.62%
Science, Technology, Engineering & Mathematics	1	125	0.01%
Grand Total	2,690	1,717,258	100.00%

*This chart reflects the number of unduplicated Iowa Vocational Technical Tuition Grant recipients and the corresponding expenditures by career cluster. Recipients and expenditures are associated to the career cluster tied to each recipient's first grant in 2023-24.

Appendix I

2023-24 Future Ready Iowa Last-Dollar Scholarship Recipients by Career Cluster.

Career Cluster	Recipients*	Expenditures	Percent of Expenditures
Health Science	3,283	6,975,753	38.01%
Information Technology	1,057	2,157,147	11.75%
Manufacturing	694	2,020,266	11.01%
Architecture & Construction	647	1,931,594	10.53%
Transportation, Distribution & Logistics	616	1,809,059	9.86%
Law, Public Safety, Corrections & Security	522	978,826	5.33%
Business Management & Administration	484	954,494	5.20%
Agriculture, Food & Natural Resources	302	877,192	4.78%
Hospitality & Tourism	139	205,442	1.12%
Human Services	129	155,709	0.85%
Arts, Audio/Video Technology & Communications	101	211,861	1.15%
Education & Training	29	59,946	0.33%
Science, Technology, Engineering & Mathematics	10	14,716	0.08%
Grand Total	8,013	18,352,005	100.00%

*This chart reflects the number of unduplicated Future Ready Iowa Last-Dollar Scholarship recipients and the corresponding expenditures by career cluster. Recipients and expenditures are associated to the career cluster tied to each recipient's first scholarship in 2023-24.