

THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2015



COMMUNITY COLLEGES

PROSPERITY THROUGH EDUCATION

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THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2015

IOWA DEPARTMENT OF EDUCATION
DIVISION OF COMMUNITY COLLEGES

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ACKNOWLEDGMENTS

Many people have contributed to *The Annual Condition of Iowa's Community Colleges: 2015*. The project was supervised by Jeremy Varner and coordinated by Barbara Ledvina. The report was compiled and written by Vladimir Bassis, Monte Burroughs, Barbara Burrows, Lisa Gard, Alex Harris, Paula Nissen, and Eric St Clair.

In addition to those mentioned above, several people edited part or all of this document and provided invaluable feedback and help with layout.

Dear Education Stakeholders,

One of the critical functions of the Iowa Department of Education is to provide and interpret educational data. We do this to support accountability, transparency, and the ongoing improvement of our schools. Staff in the Division of Community Colleges continue to refine and improve the methods in which we collect, analyze, and report data to ensure that it is both meaningful and easily understood.



Meaningful educational data reports are essential to Iowans as we strive to improve our schools and prepare students for success. At the college level, data help administrators, faculty, and staff make important programmatic and operational decisions that impact the success of their students. At the state level, data provide policymakers and education professionals with information about the students attending our community colleges, the programs and opportunities offered to them, and indicators of how well they are progressing toward their educational goals.

The data provided in the 2015 annual Iowa Condition of Community Colleges includes enrollment data; measures of student achievement, including degree completion and transfer rates; types of academic programs offered at our 15 institutions; and information about the financial impact on students attending Iowa's community colleges. This report is designed to help Iowans understand the challenges and opportunities Iowa's community colleges face in providing quality programs to meet the demands of their diverse students and communities.

Thank you for taking the time to review this report and for your ongoing support of Iowa's community colleges. I look forward to working with you to provide Iowans with quality programs, services, and opportunities to meet their educational goals.

Sincerely,

A handwritten signature in cursive script that reads "Ryan M. Wise". The ink is dark and the signature is written in a fluid, personal style.

Ryan M. Wise, Ed.L.D.
Director Iowa
Department of Education

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EXECUTIVE SUMMARY

Since 1998, the Iowa Department of Education's Division of Community Colleges (division) has compiled and published The Annual Condition of Iowa's Community Colleges, commonly known as the Condition Report. The intent of the Condition Report is to provide clear, objective data about Iowa's system of community colleges to meet the needs of policymakers, governing bodies, and community college stakeholders.

Data reported in the Condition Report comes primarily from each of Iowa's 15 community colleges, transmitted each fall to the division's Management Information System (MIS). Upon receipt, division staff review the data for discrepancies and return summary reports to the colleges to confirm accuracy. After confirmation, data files are aggregated for analysis and subsequent reporting. This aggregated data is reported in the Condition Report as dashboards and summative data that provide snapshots of various community college functions, along with related narrative for the reader to gain a more in-depth understanding. In addition, figures depict basic statistics and demographic data for quick reference and to illustrate trends and changes over time. Tables with more detailed data can be found on the department's website.

The 2015 Condition Report features two supplemental sections featuring information about innovative data projects underway at the division. Section 17 discusses in-state student migration through an analysis of students' reported domicile (by ZIP codes) compared to their college of attendance. This data analysis illustrates an interesting use of new interactive data sets available at: www.educateiowa.gov/adult-career-community-college/publications.

Section 18 discusses the expansion of the community college credentialing landscape. It focuses on the division's partnerships with Iowa Workforce Development and CompTIA (an information technology certification organization). The intent of these partnerships is to develop standardized procedures and data-sharing protocols to streamline educational outcome analysis and reporting.

Some highlights of the fiscal year (FY) 2015 Condition Report include:

- Enrollment decreased slightly to 138,642 students taking 1,889,542 credit hours.
- CTE enrollment was 35,415 students, with 42.3 percent enrolled in the Health Science career cluster.
- The median age of credit students was 20, largely due to the fact that Iowa community colleges enroll the highest percentage of students under 18, according to national data. The average age was 22.4.
- Female students outnumbered males, 54 to 46 percent (the highest percentage of males in 16 years).
- Iowa community colleges have become increasingly diverse, reaching a record high 18.9 percent of students reporting minority racial or ethnic backgrounds. For the past six years, Iowa community colleges have led the nation with a minority penetration rate of 3.4 percent, meaning 3.4 percent of Iowa's college-age minority population attend community college.
- Online credit courses accounted for over 22.1 percent of total credits, with over 40.3 percent of students taking at least one course.
- Joint enrollment of 44,034 high school students accounted for over 30 percent of total enrollment and almost 19 percent of total credits. Online non-credit enrollment increased by more than 19 percent.
- The number of awards increased to 19,225, with the number of Associate of Applied Science (AAS) degrees surpassing Associate of Arts (AA) degrees for the first time in history.
- Non-credit participation decrease 3.7 percent, with 232,480 individuals participated in 412,559 courses. Of these courses, 51.8 percent were designed to enhance students' employability or academic success.
- Adult Education and Literacy enrollment was 19,464 students, continuing a declining trend since 2011.
- Over 35 percent of AEL participants advanced multiple skill levels; 34.2 percent achieved employment within one quarter of exiting AEL programs; and 74.5 percent retained employment three quarters after exiting. Also, 1,942 high school equivalency diplomas were awarded, and 27.9 percent entered postsecondary institutions.
- Iowa skilled worker and job creation fund programs provided training and support to over 4,100 PACE (Pathways for Career and Employment Program) participants; tuition assistance to over 1,300 GAP participants in certificate training programs; and career guidance to more than 50,000 students through regional work-based learning intermediary networks.

- Students in the 2013 cohort (8,534 students enrolled for the first-time, full-time in fall 2013) were tracked for three years to evaluate their success. Overall, 43.6 percent were deemed “successful” in that they either transferred, graduated, or graduated and transferred within three years of enrollment.
- Of the 2013 cohort, 24.6 percent transferred to a four-year institution; however, 53.3 percent of these transfer students had not earned their two-year degree prior to transferring.
- The median tuition and fees in FY 2015 was \$164.50 per credit. In FY 2016, a full-time Iowa resident will pay between \$4,200 and \$5,520 for 30 credits at Iowa’s community colleges, which is about 40 percent less than the lowest tuition and fees at Iowa’s public universities.
- The total Iowa community college unrestricted general revenues were \$557,231,882, representing a nominal decrease. Total expenditures were \$555,103,800, with salaries comprising over 75 percent.
- There were 13,935 college employees, consisting of 49.4 instructional, 24.9 professional, 18.7 secretarial and clerical, and 0.9 administrative staff members.

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IOWA'S COMMUNITY COLLEGES

“The mission of the community colleges of Iowa in the 21st century is to provide exemplary educational and community services to meet the needs and enhance the lives of Iowans.”

SOURCE: “Shaping the Future: A Five-Year Plan for the Community Colleges of Iowa, 2006-2011”

Community colleges have an “open door” policy, which means that nearly everyone who applies may be accepted.

Each of the 15 community colleges offers comprehensive programs including arts and sciences, college transfer (parallel) courses, career and technical education programs, training and retraining programs for the workforce of Iowa’s businesses and industries, and a variety of adult education and non-credit courses for residents of each community college district.

History of Iowa’s Community Colleges

Mason City schools established the first two-year postsecondary educational institution in Iowa in 1918. At the time this junior college was organized, there was no law authorizing two-year postsecondary educational programs. Mason City Junior College proved to be successful and was accredited by the North Central Association of Colleges and Schools in 1919. Additional public junior colleges were organized beginning in 1920, and the movement spread rapidly. By 1930, at least 32 towns and cities in Iowa had organized public junior colleges as part of their public school systems.

In 1927, the 42nd General Assembly passed the first law authorizing the establishment of public junior colleges. The law permitted the establishment of schools offering instructional programs at a level higher than an approved four-year high school course. The colleges had to be dually authorized by the voters and approved by the State Superintendent of the Iowa Department of Public Instruction (now the Director of the Iowa Department of Education). Such colleges were permitted to offer postsecondary programs lasting one or two years. The Superintendent was authorized to prepare standards and to provide adequate inspection of these junior colleges.

The Iowa public junior college movement reached its peak in 1927 when nine public junior colleges were

organized. After 1930, no public junior colleges were organized until 1946, when Clinton Junior College was founded. In 1931, the 44th General Assembly approved the first restriction to the development of public junior colleges, prohibiting the establishment of a public junior college in any school district having a population of less than 20,000. The 49th General Assembly, in 1941, reduced the population requirement to 5,000.

Between the years 1918 and 1953, a total of 35 different public junior colleges were established through the operation of public school districts. While some of these colleges closed, 10 of the closed colleges later reopened. The enrollment trend steadily increased over the years with the exception of the World War II years. During the 1955-66 decade, which immediately preceded the initiation of a community college system, enrollment almost quadrupled. By 1965, 16 public junior colleges were operating in Iowa with a total fall semester enrollment of 9,110. Local public school districts operated the junior colleges, with a dean who reported directly to the local superintendent. These institutions offered arts and sciences programs equivalent to the first two years of the baccalaureate program, a limited number of occupational programs, and adult education opportunities.

In 1958, Congress initiated a development parallel to the public junior college movement. Title VIII of the National Defense Education Act (NDEA) made federal funds available to states on a matching basis to develop area vocational programs. To implement this legislation, the Iowa State Board of Education modified the state vocational education plan to make local school districts and Iowa State University eligible to operate as “area schools.” This legislation included a specific allocation of funds to develop area vocational programs under NDEA’s Title VIII, a designation of area vocational-technical high schools, and the authorization for tuition-

paying students to attend these schools and programs.

The Iowa State Board of Education eventually designated a total of 15 schools as area vocational-technical high schools. These schools were also designated as area schools for the purposes of Title VIII, and were to be used to initiate programming for the Manpower Development and Training Act. A total of 1,816 full-time day students enrolled in postsecondary vocational programs for the 1965-66 school year; the majority of which entered programs administered by agencies operating the area vocational-technical high schools or programs.

Even though public junior colleges and area vocational-technical high schools offered some opportunities for arts and sciences and preparatory vocational education, enrollment opportunities were limited for most Iowans. In 1959, the 58th General Assembly appropriated \$25,000 to the Iowa Legislative Research Bureau to conduct a policy study of the needs of higher education in Iowa. Included in this report was a recommendation to establish regional community colleges. The report also recommended the state pay at least half the cost of building and operating these colleges. As a result of this study, the General Assembly directed the Iowa Department of Public Instruction to conduct a two-year study of the need to develop a statewide system of public community colleges.

The Iowa Department of Public Instruction submitted its report, "Education Beyond High School Age: The Community College," to the General Assembly in December, 1962. The report made recommendations and proposed enabling legislation. It recommended restructuring the county educational system and forming 16 area education districts whose boundaries should be drawn along existing school district lines. These districts were intended to replace the county boards of education and provide programs and services that would complement those provided by local school districts. It was envisioned that the area districts would also serve as a legal structure through which a statewide system of community colleges could be developed.

In 1963, the 60th General Assembly took no action on the report. An interim legislative committee concluded that it would be appropriate to put vocational and two-year college education together in a single comprehensive system, but separated the county board consolidation issue (area education agencies were later established by the legislature in 1974). Staff of the Iowa Department of Public Instruction worked closely with various groups throughout the state, and arrived at conclusions similar to those of the interim committee. Passage of the Vocational Education Act of 1963 provided additional impetus to this planning.

After receiving the interim committee's report in 1964, the 61st General Assembly, in 1965, enacted

legislation that permitted the development of a statewide system of two-year postsecondary educational institutions, identified as "merged area schools." The Iowa Department of Public Instruction was to direct the operation of the development of merged area schools as either area community colleges or area vocational schools.

Legislation authorizing merged area schools, which are now referred to as "community colleges," provided for the fiscal support for these institutions through a combination of student tuition and federal, state, and local funds. These resources included a local three-quarter mill levy on the property within the merged area for operational purposes, and an additional three-quarter mill levy for the purchase of sites and construction of buildings. State general aid was distributed to community colleges on the basis of \$2.25 per day for the average daily enrollment of full-time equivalent students who were residents of Iowa. The 63rd General Assembly changed this formula in 1969 to determine enrollment and state aid on the basis of actual contact hours of instruction. Individual colleges were granted authority to establish tuition rates, with the limitation that tuition was not to exceed the lowest tuition rate charged by any one of Iowa's three public universities.

Legislation approved in 1965 was enthusiastically received. The Iowa Department of Public Instruction received the first plan for a community college on July 5, 1965; one day after the legislation was effective. Plans for the other community colleges followed in quick succession. Although the original plans called for 20 areas, the number was quickly reduced to 16 and later one area was split among adjacent areas. Fourteen (14) community colleges were approved and organized in 1966, and a 15th in January 1967. Fourteen (14) of these community colleges began operation during the 1966-67 school year.

Seven (7) districts were originally approved as Area Community Colleges (current names):

- North Iowa Area Community College
- Iowa Lakes Community College
- Iowa Central Community College
- Iowa Valley Community College District
- Eastern Iowa Community Colleges
- Des Moines Area Community College
- Southeastern Community College

Eight (8) were approved as Area Vocational Schools (current names):

- Northeast Iowa Community College
- Northwest Iowa Community College
- Hawkeye Community College
- Kirkwood Community College
- Western Iowa Tech Community College
- Iowa Western Community College

- Southwestern Community College
- Indian Hills Community College

By July 1970, all of the area vocational-technical high schools and junior colleges had either merged into the new system or were discontinued. All areas of the state were included in community college service areas by July 1971.

The community colleges and area vocational schools grew quickly, both in terms of students served and services offered. In 1983, the Iowa Industrial New Jobs Training Act was established by the legislature adding contracted customized job training to the community colleges' list of services. Other job training programs followed, further expanding the role of community colleges in economic development. Currently, all 15 operate as comprehensive community colleges, offering arts and science (college transfer), vocational preparatory, and adult and continuing education programs. In 1987, Hawkeye Community College, the final Iowa college operating as a vocational school, received approval to operate as a comprehensive community college.

In 1989, the 73rd General Assembly passed Senate File 449, requiring that secondary vocational programs be competency-based, and that the competencies be articulated with postsecondary vocational education. This resulted in increased cooperation between local education agencies and the community colleges, and a growth in programs in which high school students are awarded college credit for coursework completed in these articulated programs. The Postsecondary Enrollment Options Act of 1989, and, later, supplemental weighting, allowed high school students to jointly enroll in college credit courses in significantly greater numbers.

In the late 1990s, the majority of community colleges expanded their role in workforce development by becoming Workforce Investment Act primary service providers and housing one-stop centers.

In 1999, the 78th General Assembly passed House File 680 mandating the Department of Education convene a committee to identify and study options for restructuring the governance of Iowa's community colleges. The committee's final report, which was submitted to the legislature in December, 1999, reaffirmed the existing governance structure of Iowa's community colleges, with locally elected boards of directors and the Iowa State Board of Education responsible for statewide oversight and coordination. The study recommended the development of a statewide strategic plan for the system of community colleges.

House File 2433 mandated the development of a statewide strategic plan for the statewide system of community colleges every five years. The first plan was approved by the Iowa Association of Community College Presidents, the Iowa Association of Community College Trustees, and the Iowa State Board of Education,

and forwarded to the legislature by July 2001. Specific goals included:

- provide high quality, comprehensive educational programs and services accessible to all Iowans;
- develop high-skilled workers to meet the demands of Iowa's changing economy;
- maximize financial and human resources to assure provision of comprehensive community college services to Iowans and to allow Iowa to compete on a national and international level; and
- demonstrate effectiveness and efficiency for achieving the system mission and goals.

In January 2003, the State Board of Education amended the Community College Strategic Plan to include a fifth goal:

- recruit, enroll, retain, and/or graduate persons of underrepresented groups (i.e., gender, race/ethnicity, socioeconomic status) in all programs.

Within six months of implementing House File 2433, a progress report was published summarizing statewide and local community college responses to the five-year plan, entitled "Shaping the Future." Annual progress reports are compiled by the Iowa Department of Education and presented to the State Board of Education. In spring 2006, the State Board of Education approved the second five-year statewide community college strategic plan. The following August, the State Board of Education approved performance measures for the plan. Baseline data on each of the measures was reviewed. An annual report is provided to the State Board of Education on these performance measures.

Iowa Code

The statement of policy describing the educational opportunities and services to be provided by community colleges is included in Section 260C.1 of the Iowa Code. This statement of policy identifies the following as services that should be included in a community college's mission:

- the first two years of college work, including pre-professional education;
- vocational and technical training;
- programs for in-service training and retraining of workers;
- programs for high school completion for students of post-high school age;
- programs for all students of high school age who may best serve themselves by enrolling in vocational and technical training, while also enrolled in a local high school, public or private;
- programs for students of high school age that provide advanced college placement courses not taught at a student's high school while the student is also enrolled

in the high school;

- student personnel services;
- community services;
- vocational education for persons who have academic, socioeconomic, or other handicaps that prevent succeeding in regular vocational education programs;
- training, retraining, and all necessary preparation for productive employment of all citizens;
- vocational and technical training for persons who are not enrolled in a high school and who have not completed

high school; and

- developmental education for persons who are academically or personally underprepared to succeed in their program of study.

In 2006, the Iowa Department of Education created a book entitled, *Forty Years of Growth and Achievement: A History of Iowa's Community Colleges*, which details the statewide, institutional history of the community colleges. For more information on the history of Iowa's community colleges, see this publication.

Area 1 (NICC)

Northeast Iowa Community College
Administrative Center
Box 400
Calmar, Iowa 52132

Area 2 (NIACC)

North Iowa Area Community College
Administrative Center
500 College Drive
Mason City, Iowa 50401

Area 3 (ILCC)

Iowa Lakes Community College
Administrative Center
19 South 7th Street
Estherville, Iowa 51334

Area 4 (NCC)

Northwest Iowa Community College
Administrative Center
603 West Park Street
Sheldon, Iowa 51201-1046

Area 5 (ICCC)

Iowa Central Community College
Administrative Center
330 Avenue M
Fort Dodge, Iowa 50501

Area 6 (IVCCD)

Iowa Valley Community College District
Administrative Center
3702 South Center Street
Marshalltown, Iowa 50158

Area 7 (HCC)

Hawkeye Community College
Administrative Center
1501 East Orange Road, Box 8015
Waterloo, Iowa 50704

Area 9 (EICC)

Eastern Iowa Community Colleges
Administrative Center
306 West River Road
Davenport, Iowa 52801

Area 10 (KCC)

Kirkwood Community College
Administrative Center
6301 Kirkwood Blvd., S.W., Box 2068
Cedar Rapids, Iowa 52406-2068

Area 11 (DMACC)

Des Moines Area Community College
Administrative Center
2006 South Ankeny Blvd.
Ankeny, Iowa 50021

Area 12 (WITCC)

Western Iowa Tech Community College
Administrative Center
4647 Stone Avenue, Box 5199
Sioux City, Iowa 51102-5199

Area 13 (IWCC)

Iowa Western Community College
Administrative Center
2700 College Road, Box 4-C
Council Bluffs, Iowa 51502-3004

Area 14 (SWCC)

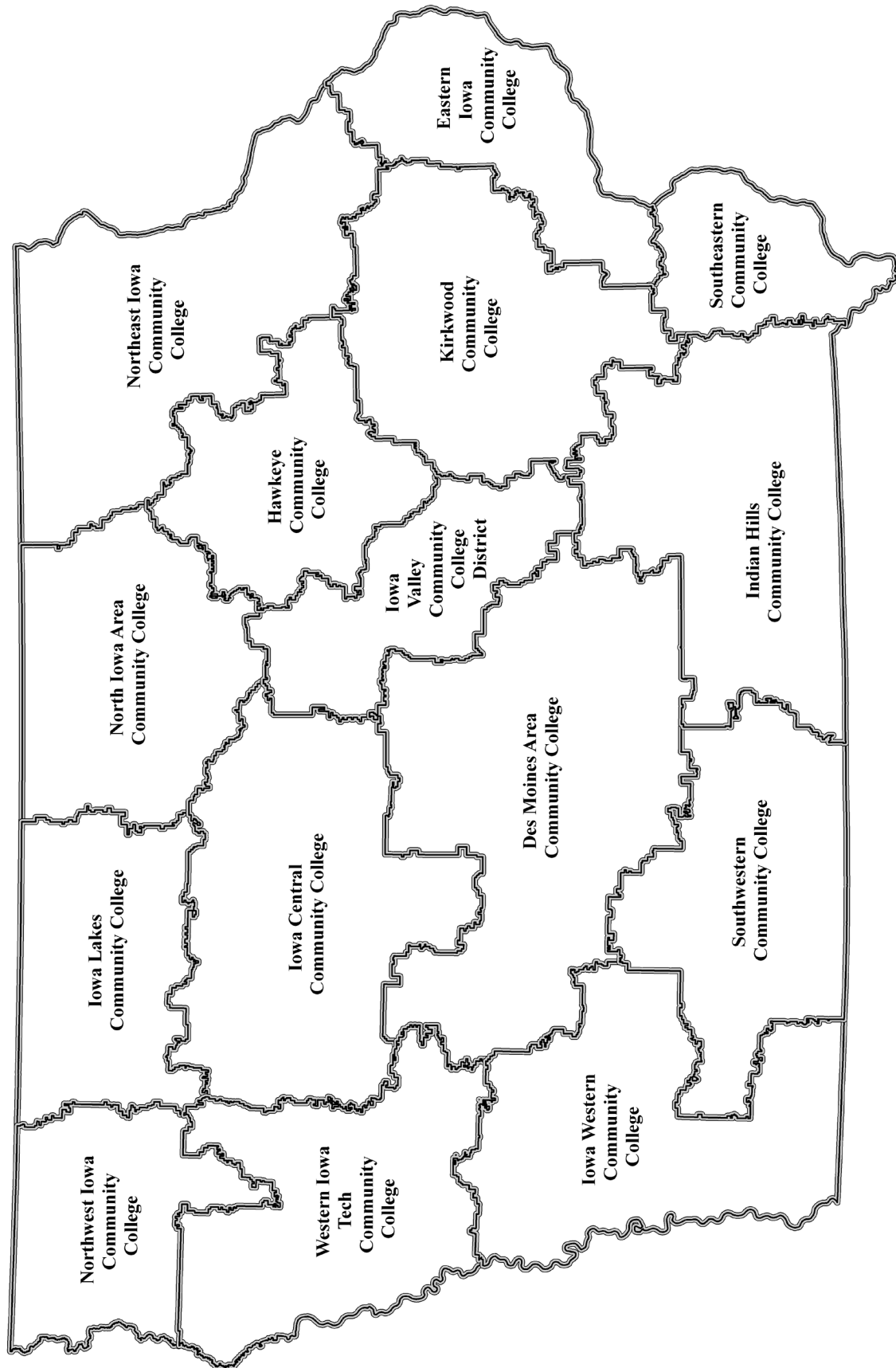
Southwestern Community College
Administrative Center
1501 West Townline Street
Creston, Iowa 50801

Area 15 (IHCC)

Indian Hills Community College
Administrative Center
525 Grandview Avenue
Ottumwa, Iowa 52501

Area 16 (SCC)

Southeastern Community College
Administrative Center
1015 South Gear Avenue, Box 180
West Burlington, Iowa 52655-0180



2

FALL ENROLLMENT

The Iowa Department of Education collects enrollment information from all 15 community colleges on the tenth business day of the fall semester each year.

The community colleges reported that 93,074 were enrolled in the fall of 2015. This is a slight decrease from the 93,772 that were enrolled in the fall of 2014. Six of the 15 colleges saw an increase in enrollment. See Table 2-1 for a summary of the enrollment by college.

93,074

FALL 2015 ENROLLMENT

59.6%

STUDENTS ENROLLED PART-TIME

90%

RESIDENTS OF IOWA

Student Demographics

While the number of students enrolled full-time in 2015 dropped slightly from 40.5 percent to 40.4 percent, the number of students enrolled part-time (enrolled in fewer than 12 semester credit hours) increased from 59.5 to 59.6 percent. Since the inception of the community college system in 1965, the percentage of students enrolled full-time has decreased from a high of 90

percent to the current 40.4 percent. Figure 2-1 shows the change in enrollment status since 1965.

The average age of community college students was up from 21.6 years in 2014 to 23.8 years in 2015. The median age was 20 years, up one year from the previous year. The percentage of female students remained the same at 53.8 percent.

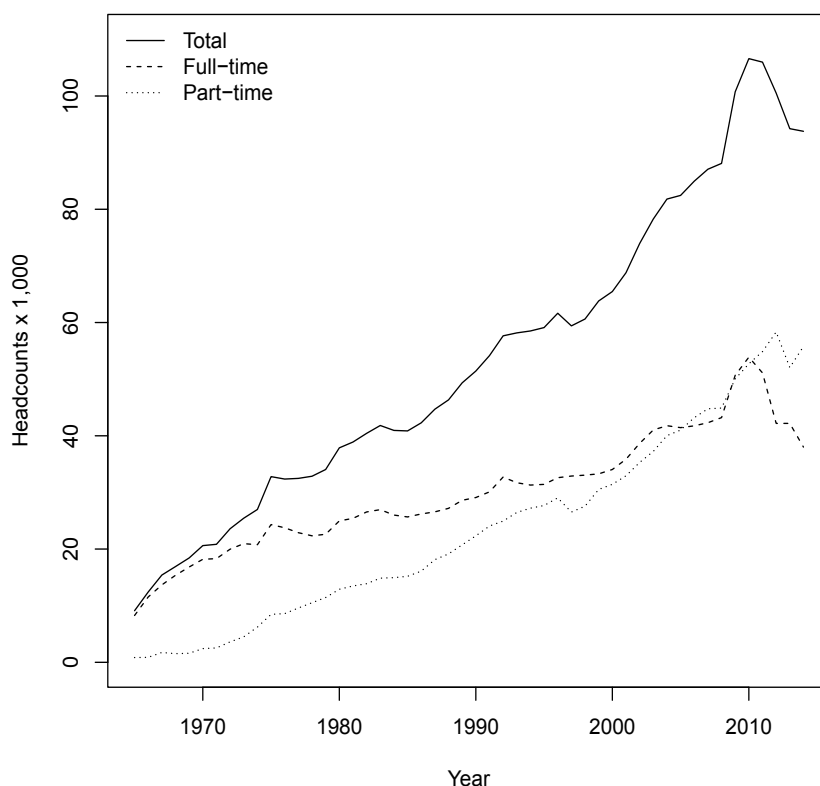
The proportion of minority students attending Iowa's community colleges in the fall of 2015 is higher than the

Table 2-1: Fall 2015 enrollment by college compared to previous year.

College	FY 2014	FY 2015	Change (%) ^a
Northeast Iowa	4,934	4,865	-1.4
North Iowa Area	2,950	2,947	-0.1
Iowa Lakes	2,391	2,366	-1.0
Northwest Iowa	1,576	1,624	3.0
Iowa Central	5,686	5,634	-0.9
Iowa Valley	2,987	2,761	-7.6
Hawkeye	5,291	5,371	1.5
Eastern Iowa	8,143	8,383	2.9
Kirkwood	14,268	14,814	3.8
Des Moines Area	23,526	22,298	-5.2
Western Iowa Tech	6,398	6,152	-3.8
Iowa Western	6,623	6,562	-0.9
Southwestern	1,600	1,656	3.5
Indian Hills	4,412	4,773	8.2
Southeastern	2,987	2,868	-4.0
Total	93,772	93,074	-0.7

^a Percentage change in total enrollment from fall 2014.

Figure 2-1: Fall enrollment since 1965.



proportion of minorities in Iowa’s general population: 18.5 percent versus 11.6 percent. Hispanic students accounted for 6.8 percent of total enrollment; African-American students, 6.7 percent; and Asian/Pacific Islanders, 2.6 percent.

Residents of Iowa accounted for 90 percent of students. Residents from other states accounted for 9.5 percent of enrolled students, with foreign nationals accounting for the balance.

Academics

Students attending Iowa’s community colleges in the fall of 2015 were registered for 823,306 semester credit hours, compared to 832,234 semester hours last fall. Average course load for all students was 8.8 semester hours.

Full-time students registered for 519,410 semester hours, or 63.1 percent of the total semester hours. Average course load for full-time students was 13.8 semester hours. In 2014, full-time students registered for 524,238 semester hours, so there was a slight decrease this year.

Part-time students registered for 303,896 semester hours. Average course load for part-time students was 5.5 semester hours. Last fall, part-time students registered for 307,996 semester hours (37 percent of total), averaging 5.5 semester hours. Table 2-2 provides data on full- vs part-time headcount at each college.

Program Types

Programs of study are generally categorized as college parallel (transfer), career and technical education (CTE), or career option. College parallel programs prepare students for matriculation into four-year colleges or universities. CTE programs prepare students for entry into the workforce as skilled technicians or similar middle-skill careers. Career option programs prepare students for either matriculation to a four-year university or entry into a career field after graduation.

College parallel programs comprised the largest category, with 64,235 enrolled students this fall, a 1.4 percent decrease from last fall. College parallel programs accounted for 60.7 percent of this fall’s total enrollment.

In fall 2015, 27,742 students enrolled in CTE programs, accounting for 29.8 percent of total enrollment. Last fall, 28,020 students enrolled in CTE programs. The number of students enrolled in CTE programs this fall represents a 1.0 percent decrease from last fall.

Total enrollment this fall in career option programs was 1,081 students, accounting for 1.2 percent of total enrollment. Last fall, 2,368 students enrolled in career option programs. The Iowa Department of Education will phase out career option programs by the end of fiscal year 2016, which is reflected in the 54.3 percent decline in the number of students enrolled in career option programs.

Table 2-2: Fall 2015 enrollment by college.

College	Total	Full-time		Part-time	
		N	%	N	%
Northeast Iowa	4,865	1,477	30.4	3,388	69.6
North Iowa Area	2,947	1,379	46.8	1,568	53.2
Iowa Lakes	2,366	1,114	47.1	1,252	52.9
Northwest Iowa	1,624	573	35.3	1,051	64.7
Iowa Central	5,634	2,969	52.7	2,665	47.3
Iowa Valley	2,761	1,395	50.5	1,366	49.5
Hawkeye	5,371	2,567	47.8	2,804	52.2
Eastern Iowa	8,383	2,605	31.1	5,778	68.9
Kirkwood	14,814	6,229	42.0	8,585	58.0
Des Moines Area	22,298	6,931	31.1	15,367	68.9
Western Iowa Tech	6,152	2,292	37.3	3,860	62.7
Iowa Western	6,562	3,337	50.9	3,225	49.1
Southwestern	1,656	793	47.9	863	52.1
Indian Hills	4,773	2,639	55.3	2,134	44.7
Southeastern	2,868	1,280	44.6	1,588	55.4
Total	93,074	37,580	40.4	55,494	59.6

Online Enrollment

Online enrollment is defined as participation in a class that is only offered via the Internet with no face-to-face contact between the instructor and students. Of the 93,074 students enrolled in the fall of 2015, 28,166 (30.2 percent) enrolled in at least one online course, compared to 27,455 students (29.3 percent) who did so in the fall of 2014. This represents an increase of 2.6 percent from fall 2014.

In the fall of 2015, 144,136 semester credit hours out of 823,306 total semester hours were attributed to online courses, compared to 140,837 semester hours in 2014 (Table 2-3). This represents an increase in online enrollment from 16.9 percent in 2014 to 17.5 percent in 2015. On average, students were enrolled in 5.1 semester hours of online courses in the fall of 2015.

Joint Enrollment

Community colleges offer high school students three joint enrollment options to earn college credit: postsecondary enrollment option (PSEO), contracted courses between high schools and community colleges, or self payment of tuition. Students may choose to participate in more than one joint enrollment program during an academic year.

Upon successful course completion, a student may either apply earned credits toward an award or transfer them to a four-year college or university.

In the fall of 2015, 33,145 high school students participated in at least one joint enrollment program, up 5.4 percent from 2014. Students participating in joint enrollment programs accounted for 35.6 percent of this fall's enrollment, compared to 33.5 percent in 2014.

High school students participating in joint enrollment programs in the fall of 2015 registered for 164,149 semester hours of classes, up 6.3 percent from 2014. The number of semester hours attributed to joint enrollment programs accounted for 19.9 percent of total registered semester hours; up from 18.6 percent in 2014.

Career Clusters

The Iowa Department of Education categorizes career and technical education (CTE) programs into 16 career clusters, with each program aligning to a category of similar programs. Visit www.careerclusters.org for more information about career clusters.

Historically, clusters with the largest enrollments have been health science, manufacturing, and business management and administration. As Table 2-4 indicates, 10,042 students enrolled in health sciences in the fall of 2015, 2,633 in manufacturing, and 2,266 in business management and administration. These figures represent decreases in enrollment in each of the three clusters.

Table 2-3: Fall 2015 online hours and enrollment by college.

College	Hours	Enrollment	Change (%) ^a
Northeast Iowa	6,346	1,246	-18.7
North Iowa Area	5,176	1,463	3.8
Iowa Lakes	4,247	820	4.6
Northwest Iowa	4,767	952	15.3
Iowa Central	7,799	1,464	3.0
Iowa Valley	5,311	1,132	-8.3
Hawkeye	6,895	1,416	-1.6
Eastern Iowa	14,677	2,453	-1.9
Kirkwood	16,674	3,226	24.1
Des Moines Area	28,392	5,666	2.5
Western Iowa Tech	13,147	2,416	-6.6
Iowa Western	14,374	2,589	3.9
Southwestern	3,798	759	15.0
Indian Hills	6,742	1,561	16.6
Southeastern	5,792	1,003	-9.0
Total	144,136	28,166	2.6

^a Percentage change in enrollment from last fall.

Table 2-4: Year-to-year changes in enrollment by career cluster.

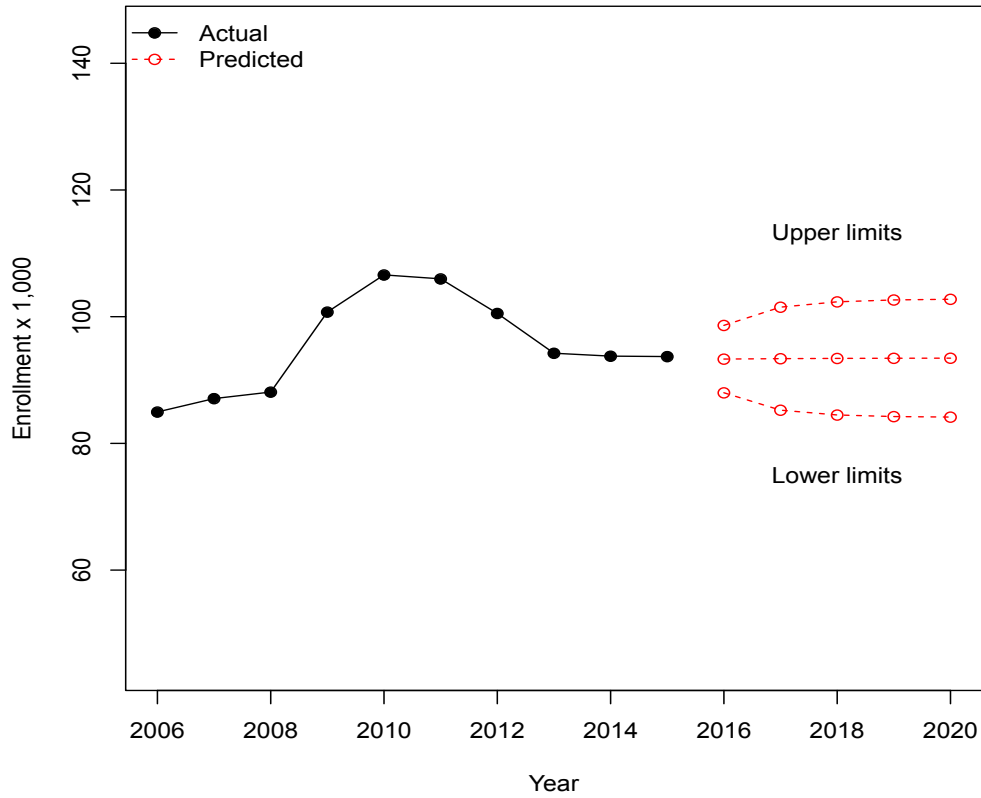
Career cluster	FY 2014	FY 2015	Change (%)
Agriculture, Food and Natural Resources	2,015	1,916	-4.9
Architecture and Construction	1,399	1,228	-12.2
Arts, A/V Technology and Communications	1,223	1,226	0.2
Business, Management and Administration	2,540	2,266	-10.8
Education and Training	228	152	-33.3
Finance	1,137	1,093	-3.9
Health Science	10,581	10,042	-5.1
Hospitality and Tourism	945	918	-2.9
Human Services	1,453	1,392	-4.2
Information Technology	1,770	1,833	3.6
Law, Public Safety and Security	1,651	1,567	-5.1
Manufacturing	2,839	2,633	-7.3
Marketing, Sales and Service	466	434	-6.9
Science, Technology, Engineering and Mathematics	193	183	-5.2
Transportation, Distribution and Logistics	1,977	1,957	-1.0
Total	30,417	28,840	-5.2

Projections for Fall 2016-2019

Autoregressive integrated moving average (ARIMA) is a statistical model used in time series analysis to describe an event and predict its future course (see Appendix A for more information about fall projections and ARIMA).

Using fall enrollment data from 2006-2015, the ARIMA model predicts that enrollment for fall 2016 will vary between 87,991 and 98,629 students. If the model holds true, then fall enrollment should start to level out around 2017, increasing to about 93,500 students by 2019. Figure 2-2 plot actual and predicted enrollment through 2019.

Figure 2-2: Predicted fall enrollment through 2019.



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3

FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

Fiscal year (FY) 2015 credit enrollment follows students through the 2014-2015 academic year. Courses are counted each time a student takes a course, while headcount only includes a student once. Although enrollment dropped, the composition of community college students remained relatively constant.

Student enrollment in 2015 was 138,642 students, which was a 1.8 percent enrollment decline from the prior year. This enrollment decline continues the trend started in 2012. Between 2011 and 2015, enrollment decreased an average of 2.8 percent each year (Figure 3-1).

Credit hours have also declined for the fourth time since 1999, to 1,889,542 hours, representing a 2.7 percent decrease since the prior year. This decrease in credit hours demonstrates a smaller number of courses taken by students this year. Over the entire fiscal year 2015, students enrolled in an average of 13.6 credit hours (Figure 3-2).

Enrollment declined moderately (0.8 percent) for arts and sciences programs. These programs, which are designed to transfer to four-year colleges and universities (college parallel), declined to 96,784 students. Despite this decline, arts and sciences enrollment increased to 70 percent of the overall enrollment (Figure 3-3). The

CREDIT ENROLLMENT

STUDENTS: **138,642** DOWN SINCE 2014: **1.8%**

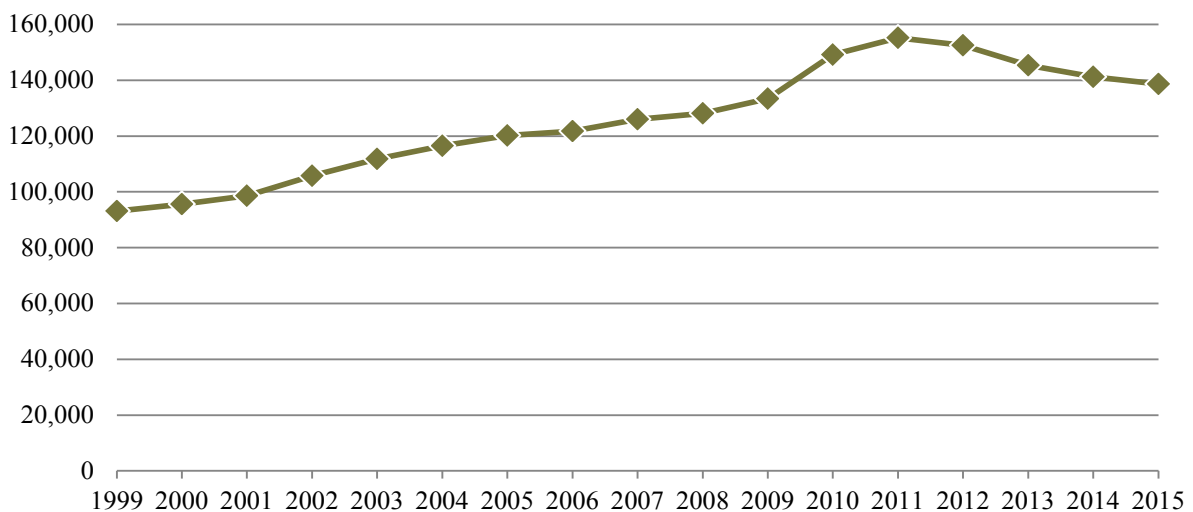
CREDIT HOURS: **1,889,542** CREDIT HOURS PER STUDENT: **13.6**
Down 2.7% since 2014 Down from 13.8 in 2014

LARGEST PROGRAM MAJOR: **COLLEGE PARALLEL**
70% of total enrollment

moderate decline in arts and sciences has not effected the continuous increase in joint enrollment (Section 5), where students typically enroll in arts and sciences courses.

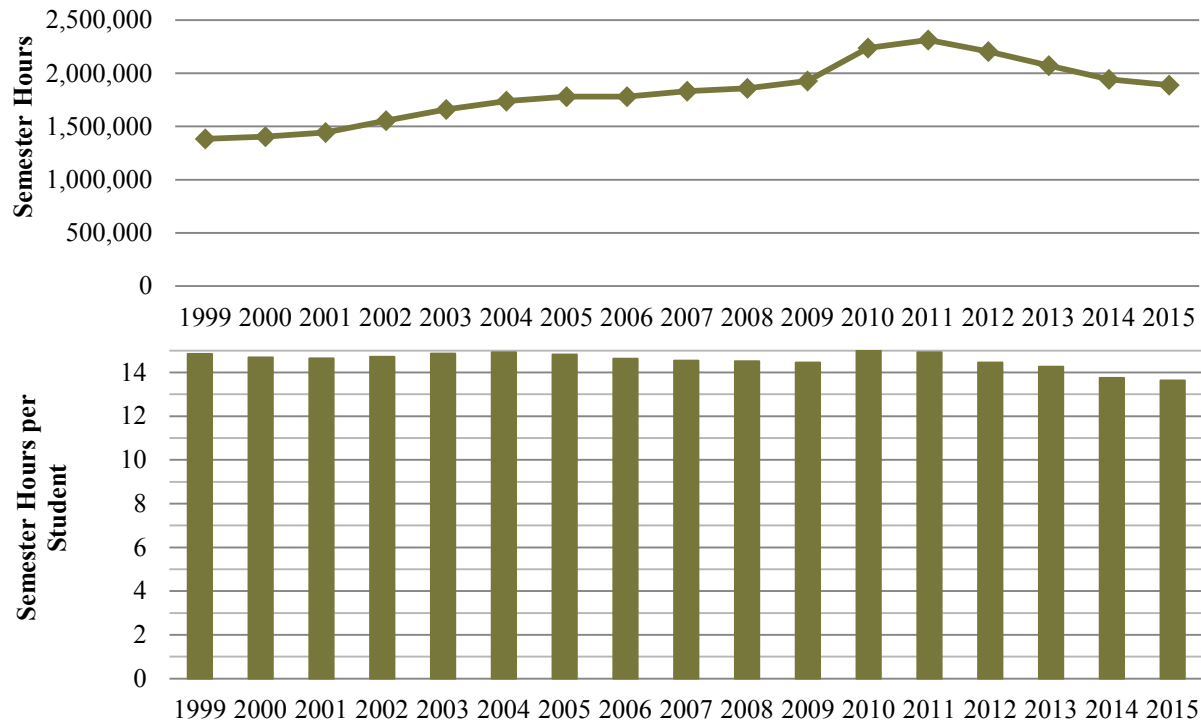
Career and technical education (CTE) programs decreased in enrollment by 506 (1.4 percent) students, to a total of 35,415 students (Figure 3.3). Health science remained the largest CTE program, followed by business management and administration, and manufacturing (Figure 3-4). Enrollment in health science decreased over six percent to 14,969 students. Business management and administration programs enrolled 3,761 students, which

Figure 3-1: Fiscal year credit enrollment: 1999-2015.



*In 2014, CTE programs were brought to compliance with changed federal distribution of programs within federal Career Clusters. As a result, accounting programs migrated from Business to the Financial Career Cluster, significantly reducing the number of programs under Business Management and Administration Career Cluster.

Figure 3-2: Fiscal year semester hours (top) and average semester hours per student (bottom): 1999-2015.



was 9.3 percent less than last year.* Manufacturing, which is both the largest industry in Iowa and hardest hit by the 2008-09 recession, decreased by 1.5 percent in 2015, demonstrating a moderate decline since last year. Students enrolled in Science, Technology, Engineering and Mathematics (STEM) programs comprised only 0.2 percent in 2015 enrollment, similar to the previous year.

The Iowa Department of Education continuously realigns its program classification data with the federal

career clusters in order to correspond to the most recent recommendations. Some of the enrollment changes were attributable to this realignment instead of actual growth or decline. For instance, the significant increase in human services programs and the substantial decrease of enrollment in government and public administration programs were attributable to the career cluster realignment.

Student Demographics

The typical community college student, as with prior years, is female, under 25, and white. However, the face of the typical student is slightly changing. Although predominately white, more minority students are enrolling in community colleges. With the exception of fiscal year 2012, when the number of minorities slightly declined, the enrollment of minorities has steadily grown for the past five years, with average annual growth of 4.1 percent.

On average, an Iowa community college student is slightly younger than an average community college student nationwide. According to the most recent National Center for Educational Statistics data (Fall 2014), Iowa community colleges enroll 28.6 percent of the students who are under 18 years old (the highest percent in the nation), while the national percent for that category is only 8.6. Iowa is also higher on students under 20 years old, but in other categories it is consistently lower than the national average.

Figure 3-3: Enrollment by program type.

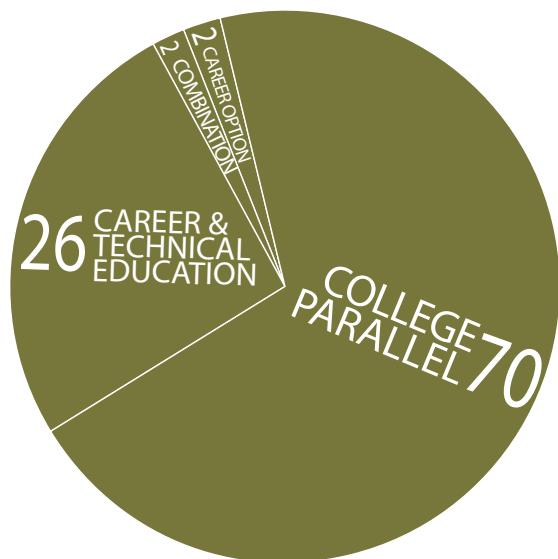
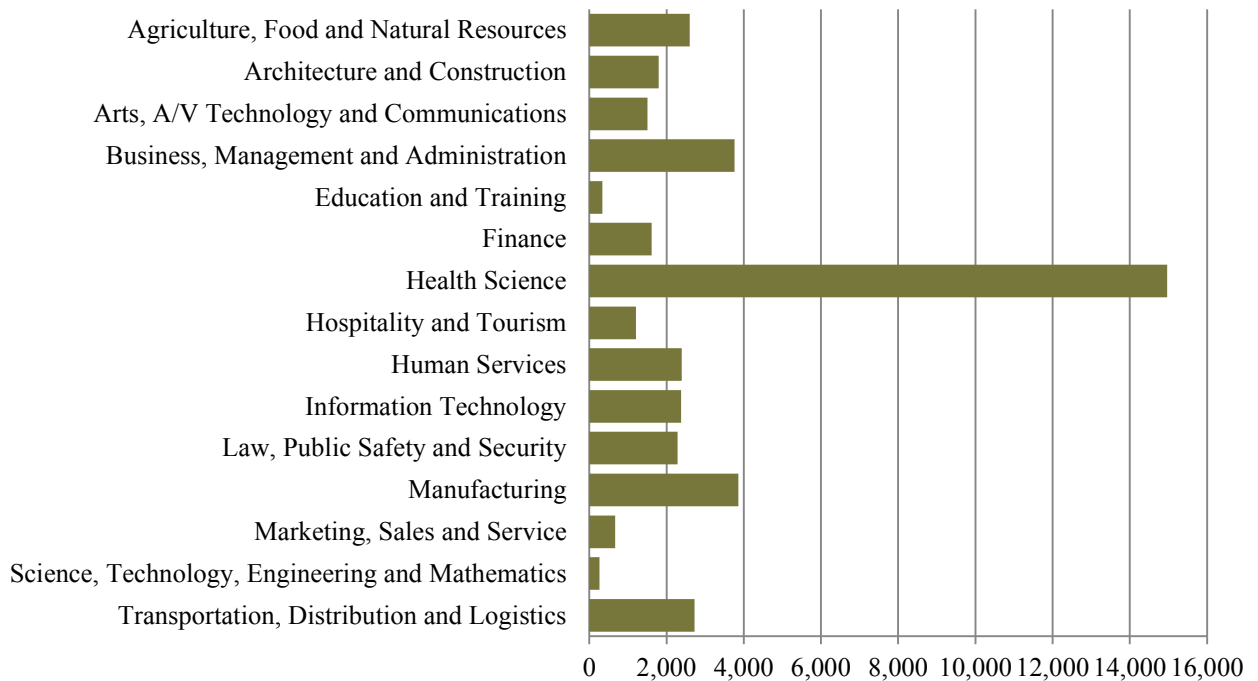


Figure 3-4: Enrollment by career and technical education career cluster: 2015.



Compared to four-year public universities, Iowa community colleges tend to serve an older population; however, most students are of traditional age with 77 percent under 25 years old. The median student age was 20 years old, which means half of the student population were under that age (Figures 3-6 and 3-7).

Though females continue to outnumber males in community colleges, 54 to 46 percent, respectively, (Figure 3-5), 46 percent for males is the highest for the past 16 years. Since the community college Management Information System (MIS) was established, females represented a higher percentage of community college enrollment, remaining steady between 55 and 57 percent. Nationally, community colleges and undergraduate students in four-year institutions have similar female/male distribution: 56/44 and 54/46, respectively (2014). Females have outnumbered males in postsecondary institutions nationwide since 1978 (Snyder, Tan, and Hoffman, 2003).

Iowa community colleges have become increasingly diverse. In 2007, 12 percent of students were racial or ethnic minorities. This proportion continually grew to a record high of 18.9 percent in 2015, with only one year of decline to 16.8 percent in 2012 (Figure 3.8).

In 2010, the Iowa Department of Education changed its reporting methods for race. Students were allowed to identify themselves under multiple racial or ethnic categories. A total of 2,434 students, or close to 10 percent of all minorities, claimed themselves as multi-racial in 2015.

Nationally, community college enrollment of minority students varied from state-to-state, ranging from 8.7 percent in Maine, to 57.4 percent in Alaska, with a nationwide average of 31.9 percent.*

Though the percentage of racial and ethnic minority students is relatively low in Iowa community colleges, they enrolled a higher percentage of minority students than other states (16.6 percent in 2014) when compared to the state population. The U.S. Census Bureau (2014)

*Among states where non-white population is in the minority.

Figure 3-5: Credit student gender: 2015.

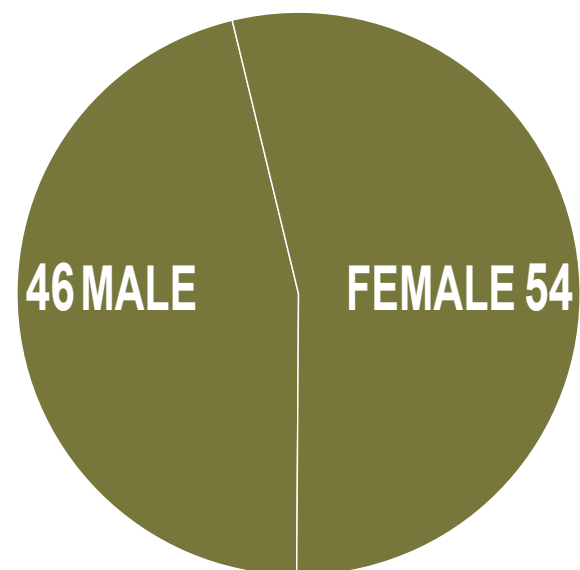


Figure 3-6: Credit student age: 2015.

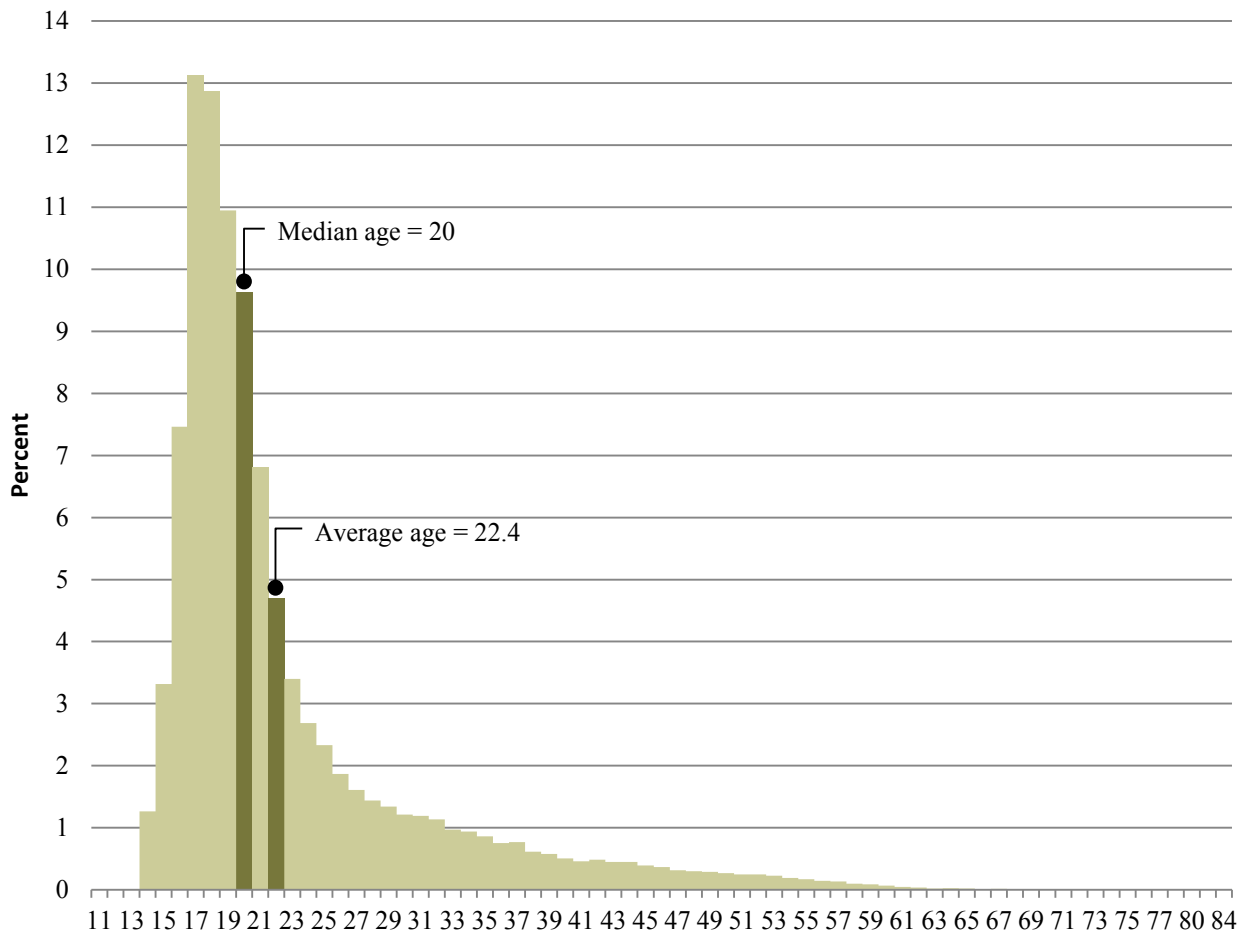
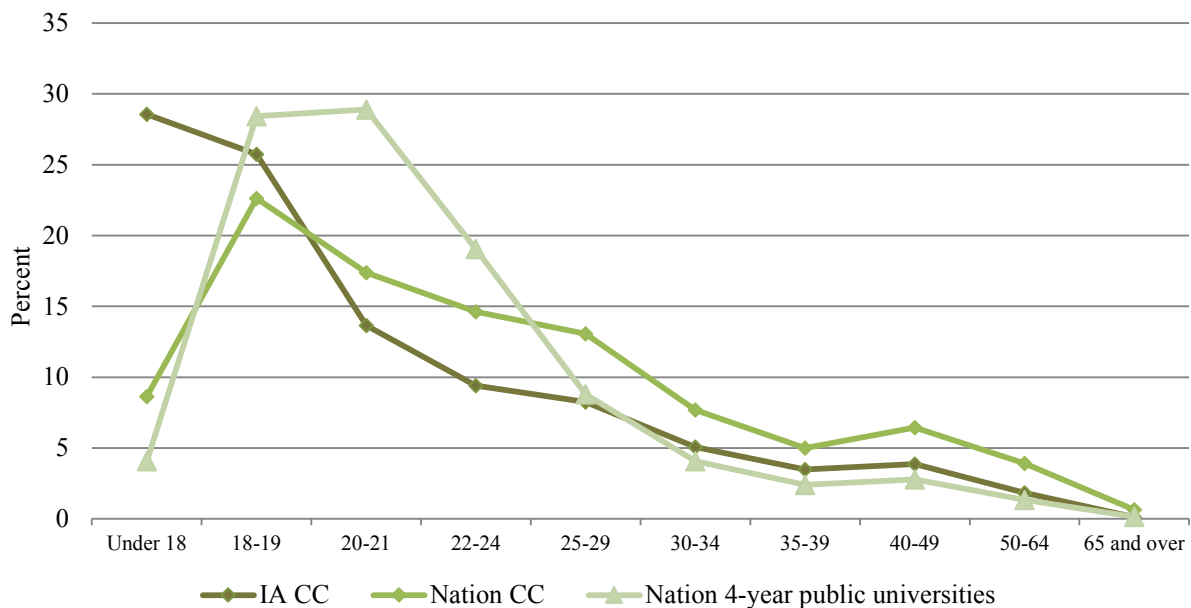


Figure 3-7: Credit student age, national comparison: 2014.



SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, Fall 2014.

estimated 17.8 percent of Iowans, 15 years of age and older, were non-white. In that group, 3.4 percent were enrolled in Iowa community colleges in the same year, representing the highest penetration rate of minority students in community colleges in the nation.* Iowa led the nation in community college penetration rate of minority students for the past six years. Iowa was

*Among states where non-white population is in the minority.

followed by Illinois (3.1 percent) and Kansas (2.9 percent) (Figure 3.9).

Student Residency

Credit enrollment in Iowa community colleges consists of Iowa residents, non-Iowa U.S. residents, and foreign nationals. The residency status is reported to

Figure 3-8: Distribution of racial/ethnic minority students: 2011-2015.

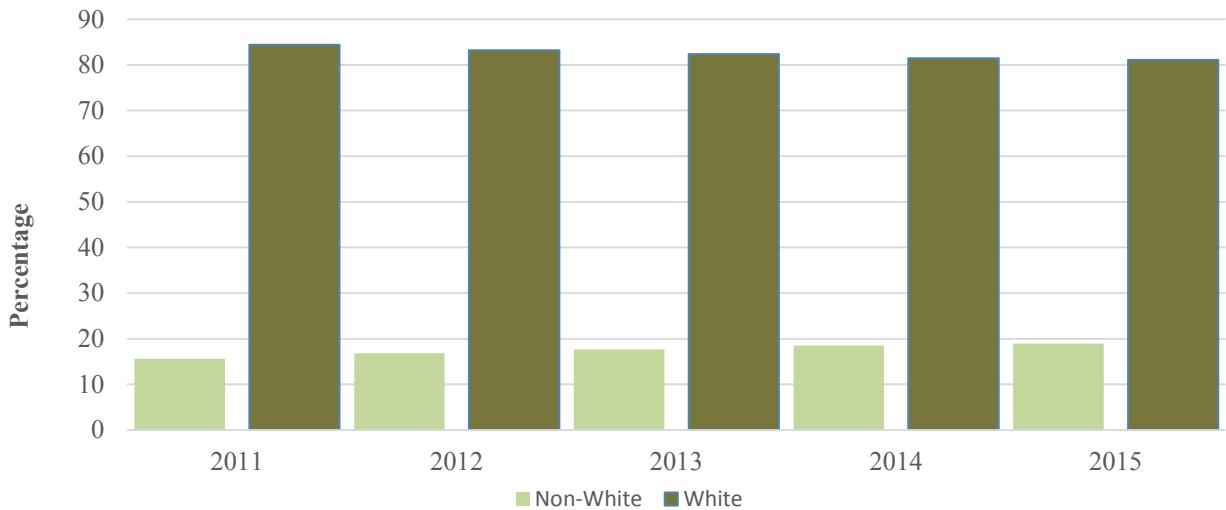
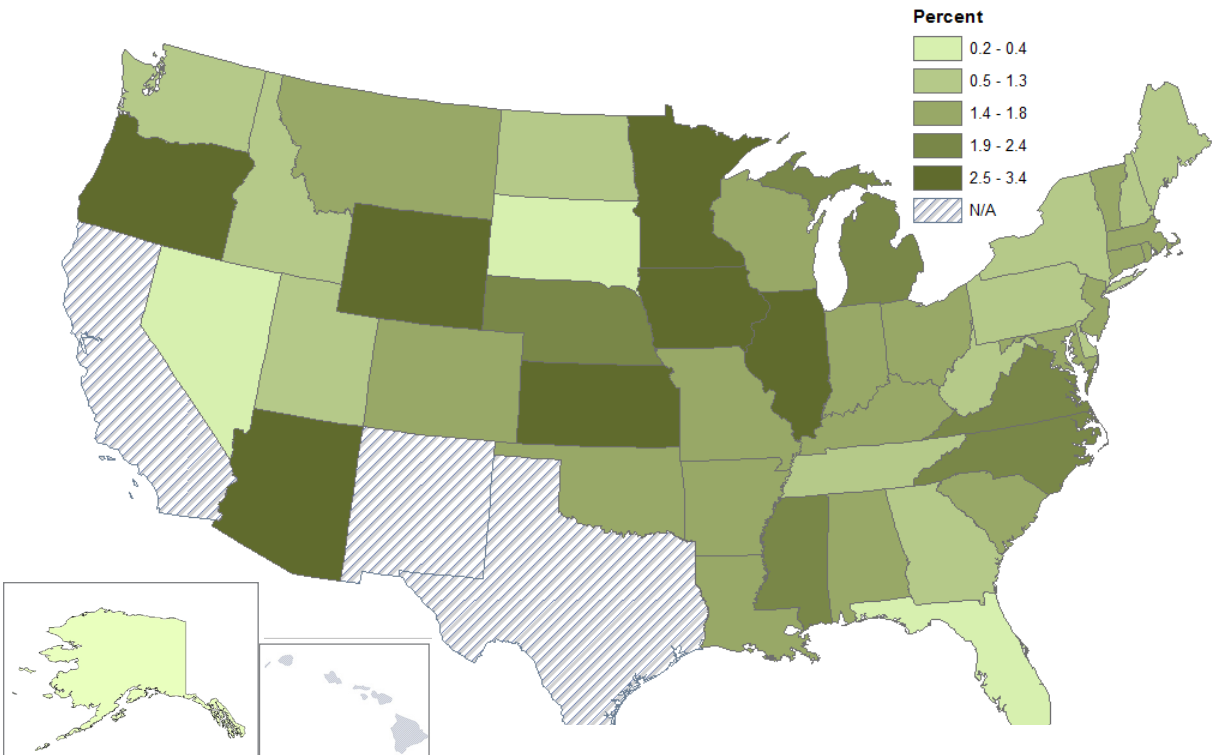
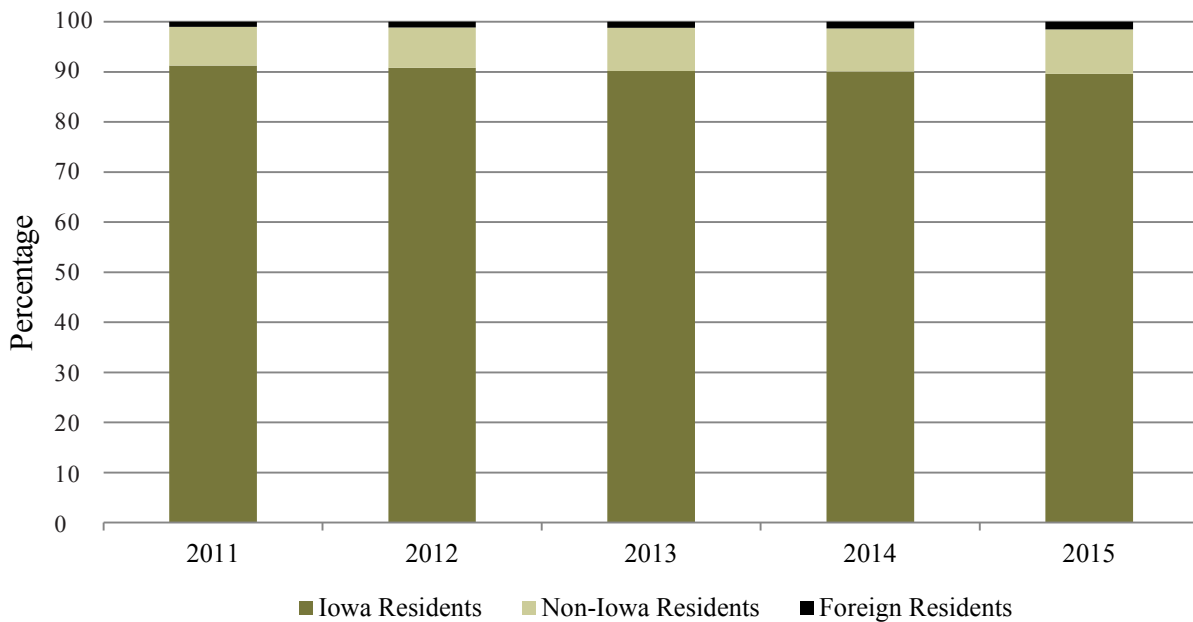


Figure 3-9: Penetration rate of ethnic/racial minority students in U.S. two-year public colleges: 2014.



SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems (2014), and U.S. Census Bureau, 2014.

Figure 3-10: Residency status of credit students: 2011-2015.



the Iowa Department of Education based on the type of student tuition and immigration status at the time of the reporting.

In 2015, Iowa community colleges enrolled 89.6 percent Iowa residents, 8.9 percent non-Iowa residents, and 1.5 percent foreign nationals. These numbers have remained stable for the past five years, with a small but steady trend towards a larger component of non-Iowa residents. Their enrollment increased from 7.7 percent in 2011 to 8.9 percent in 2015, with average annual growth of 0.9 percent. The number of foreign residents in Iowa community colleges remains low, even though it grew seven percent on average between 2011 and 2015 (Figure 3.10). Nationally, the average percentage of foreign nationals in community colleges was 1.6 in 2014*, varying from 0.0 in New Hampshire and South Dakota to 3.4 percent in Maryland (U.S. Department of Education, Integrated Postsecondary Data Systems, 2014*).

*Latest available data.

Developmental Education

For this section, a student is identified as enrolled in developmental education if he/she is enrolled in a course numbered below 100 (e.g., MAT-060).

During fiscal year 2015, 16,859 students enrolled in a developmental education course (12.5 percent decline from 2014), which represented 12.2 percent of the entire student body. Students enrolled in a total of 85,709 credit hours of developmental education during the fiscal year, which is 11.4 percent less than last year.

Within developmental education, many students enrolled in mathematics. In 2015, students took 15,433 developmental mathematics courses, which far exceeded the 7,490 developmental English, Communications, and Reading courses. Figure 3-11 shows a detailed list of popular developmental education courses. The three most popular developmental education courses were mathematics: College Preparatory Math, Elementary Algebra, and Pre-Algebra. Combined, they enrolled 8,076 students.

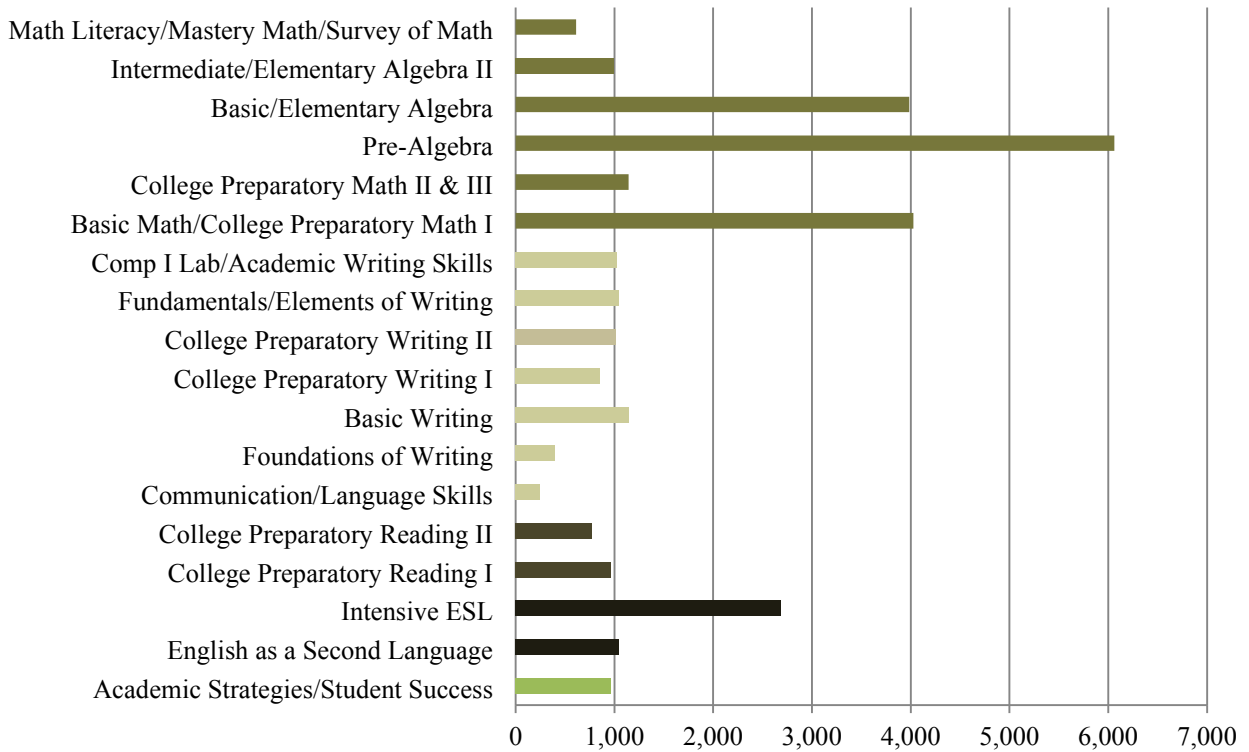
Among English developmental courses, College Preparatory Writing II and Basic Writing had the largest enrollment with 1,916 students, or close to 40 percent of all developmental English enrollment.

Similar to the general population of students, most of those who took developmental education were females (58.2 percent). Racial/ethnic minority students, however, comprised 51.5 percent of all developmental education enrollees, a much higher percent than that of the general

DEVELOPMENTAL EDUCATION ENROLLMENT

ENROLLMENT	PERCENT OF TOTAL ENROLLMENT
16,859	12.2%
12.5% less than last year	
CREDIT HOURS	AVERAGE CREDIT PER STUDENT
85,709	5.1
12.0% less than last year	
MOST FREQUENT SUBJECT	
MATHEMATICS	
15,433 courses	

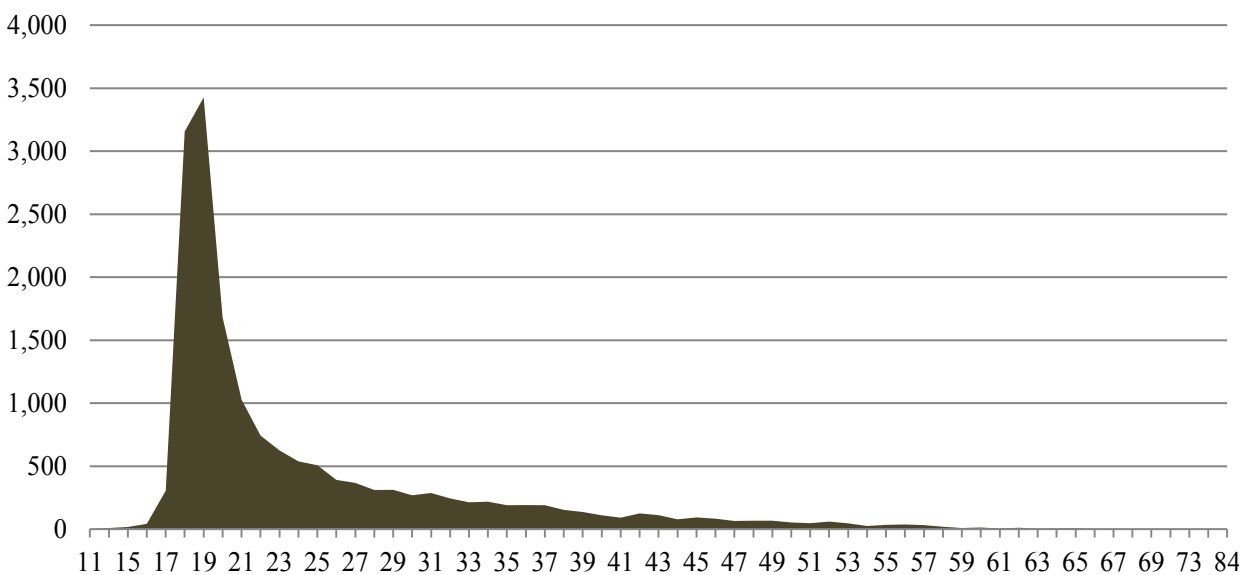
Figure 3-11: Number of most popular developmental courses, grouped by type.



student population (18.9 percent). The average age for all community college students was 22.4 years old; yet, the average age for students in developmental education was 23.9, with the median age of 21. Over 52 percent of

developmental course enrollees were between ages 18 and 22, with the peak participation being among 19 year old students. This age group comprised over 25 percent of all developmental enrollment in 2015 (Figure 3-12).

Figure 3-12: Age of developmental education students.



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4

ONLINE ENROLLMENT

The Iowa Department of Education has collected data on community college enrollment in online courses since FY 2007. An online course is defined as any course delivered entirely (100 percent) via the Internet. An online student is defined as one who is enrolled in at least one online course. Data were not collected on other distance education categories such as hybrid or blended courses.

Over 40 percent of all community college students enrolled in at least one online course during FY 2015. During FY 2015, 59,801 community college students enrolled in 417,151 semester credit hours of online courses, compared to 56,021 students who enrolled in 388,685 semester credit hours of online courses last fiscal year. This change in semester credit hours represents an increase of 7.3 percent from FY 2014. Online semester credit hours accounted for over one-fifth of total semester credit hours in FY 2015. In Iowa, enrollment in online coursework increased 6.7 percent in 2015.

Demographics

The demographic profile of students enrolled in online courses is similar to that of the general population of community college students, with the typical student being a white female resident of Iowa. Although 59,801 students enrolled in online coursework, 2,736 had incomplete demographic data. Removing these left 57,065 records with complete demographic information, as displayed in Table 4-1. Of those students who reported demographic information in FY 2015, 36,718

were females (64.3 percent), a percentage essentially unchanged since FY 2013. Whites comprised the largest racial group (82.6 percent), followed by Blacks (6.3 percent), and Hispanics (5.1 percent). Table 4-2 displays online enrollment by ethnicity per community college.

In 2015, residency statuses of 59,819 online students were reported for tuition purposes (Table 4-3). Residents of Iowa accounted for 50,716 students (84.8 percent) of those enrolled in online courses. Out-of-state residents, including foreign students, accounted for 9,103 students (15.2 percent) enrolled in online courses, essentially unchanged from last fiscal year.

The average age of students taking one or more online courses was 23.8 years old. Students between 23 and 39 accounted for 26.3 percent of online enrollment.

Enrollment by Program Type

Enrollment in Iowa’s community colleges is disaggregated into four program types: college parallel, career option, career and technical education (CTE), and some combination of the three. Table 4-4 displays enrollment and semester credit hours by type of program. Table 4-5 displays enrollment for each college by sex and program type.

As Table 4-4 shows, 41,533 students (69.5 percent) of the 59,801 students who took online courses during FY 2015 were enrolled in college parallel programs. Furthermore, these students accounted for 30.0 percent of total community college enrollment, 14.6 percent of the 1,889,542 total semester credit hours, and almost two-thirds of the 417,151 online semester credit hours. Among the 96,784 students enrolled in college parallel programs throughout the state, 43.0 percent enrolled in online courses, accounting for one-fourth of the 1,102,558 semester credit hours attributed to college parallel students.

During the same time period, 15,640 students of the 59,801 students who took online courses were enrolled in CTE programs, accounting for 26.2 percent of total online enrollment. This group of students accounted for 11.3 percent of total enrollment, 6.0 percent of total semester credit hours, and 27.2 percent of all online semester credit hours. Among the 35,415 community college students enrolled in CTE programs throughout the state, 44.2 percent enrolled in online courses, accounting for 17.3 percent of the 654,516 semester credit hours attributed to CTE students.

Table 4-1: Head count of online enrollment by ethnicity and sex.

Subpopulation	Females	Males	Total
American Indian	253	138	391
Asian	1,098	886	1,984
Black	1,965	1,647	3,612
Hispanic	1,836	1,056	2,892
Pacific Islander	51	32	83
White	30,889	16,268	47,157
Other	626	320	946
Total	36,718	20,347	57,065

Note: This table excludes 2,736 records with missing demographic data.

Out of 59,801 students who took online courses during FY 2015, 1,774 (3.0 percent) were enrolled in career option programs. These students accounted for 1.3 percent of total enrollment, but less than one percent of total semester credit hours, and 4.0 percent of all online semester credit hours. Among the 3,041 community college students enrolled in career option programs

throughout the state, 58.3 percent were enrolled in online courses, accounting for 35.7 percent of the 47,198 semester credit hours attributed to career option students.

Table 4-2: Online enrollment by college and ethnicity for FY 2015.

College	American Indian	Asian	Black	Hispanic	Pacific Islander	White	Two or more	Not reported	Total
Northeast Iowa	5	12	72	48	2	2,577	25	90	2,831
North Iowa Area	6	36	129	102	0	1,964	30	13	2,280
Iowa Lakes	8	85	78	59	4	1,401	6	48	1,689
Northwest Iowa	13	28	15	66	2	1,441	17	77	1,659
Iowa Central	19	50	419	199	6	2,742	34	277	3,746
Iowa Valley	42	193	137	203	4	1,573	35	150	2,337
Hawkeye	14	110	331	91	4	2,993	51	0	3,594
Eastern Iowa	24	123	339	370	12	4,360	144	208	5,580
Kirkwood	48	569	525	343	10	6,396	170	649	8,710
Des Moines Area	29	333	573	458	4	8,845	250	526	11,018
Western Iowa Tech	76	93	112	385	7	3,418	38	394	4,523
Iowa Western	76	274	465	292	20	4,052	8	121	5,308
Southwestern	3	17	46	52	4	1,135	20	11	1,288
Indian Hills	7	32	314	143	3	2,561	55	110	3,225
Southeastern	21	29	57	81	1	1,700	63	61	2,013
Total	391	1,984	3,612	2,892	83	47,158	946	2,735	59,801

Table 4-3: FY 2015 residency status of students enrolled in online courses for tuition purposes.

College	In-state	Out-of-state	Foreign	Total
Northeast	2,444	382	5	2,831
North Iowa Area	2,009	237	34	2,280
Iowa Lakes	1,402	272	15	1,689
Northwest	1,396	257	6	1,659
Iowa Central	2,820	895	33	3,748
Iowa Valley	1,870	189	278	2,337
Hawkeye	3,277	304	13	3,594
Eastern Iowa	4,328	1,195	57	5,580
Kirkwood	7,715	506	489	8,710
Des Moines Area	10,512	293	224	11,029
Western Iowa Tech	3,784	727	12	4,523
Iowa Western	3,598	1,658	54	5,310
Southwestern	1,128	151	12	1,291
Indian Hills	2,740	419	66	3,225
Southeastern	1,693	312	8	2,013
Total	50,716	7,797	1,306	59,819

Note: Data for this table may be duplicated because students can change residency status from one term to the next.

Table 4-4: Total and online enrollment and credit hours by program type for FY 2015.

Program	Enrollment		Semester Hours	
	Total	Online	Total	Online
College parallel	96,784	41,533	1,102,558	275,910
CTE	35,415	15,640	660,990	113,497
Career option	3,041	1,774	47,198	16,864
Combination	3,402	854	78,796	10,880
Total	138,642	59,801	1,889,542	417,151

5

JOINT ENROLLMENT AND DEMOGRAPHICS

Joint enrollment is defined as a high school student enrolled in community college course. Joint enrollment of high school students accounts for over 30 percent of total community college credit enrollment and over one-sixth of total credit hours. Iowa is one of at least 48 states with state dual enrollment policies¹. In Iowa, high school students enroll in community college credit courses in a variety of ways including Postsecondary Enrollment Option (PSEO), college courses offered through a contract between a local school district and a community college (e.g., concurrent enrollment), and independent enrollment in a college course as a tuition-paying student.

Most joint enrollment opportunities fall under the rubric of Senior Year Plus (SYP). Legislation, passed in 2008, consolidated and standardized several existing programs involving college credit opportunities for high school students including PSEO, concurrent enrollment (which entails supplementary weighted funding for local school districts), career and regional academies, and Advanced Placement (AP[®]). The Community College

¹Zinth, Jennifer. Dual Enrollment: Statewide Policy in Place. Education Commission of the States. February, 2015. www.ecs.org

JOINT ENROLLMENT	
NUMBER OF STUDENTS:	GROWTH SINCE 2014:
44,034	↑ 2.4%
SEMESTER HOURS:	SEMESTER HOURS PER H.S. STUDENT:
350,997	7.9
Up 4.0% since 2014.	Up 1.3% since 2014.

Management Information System (MIS) captures joint enrollment in three categories:

- PSEO;
- contracted courses (which may or may not be concurrent enrollment and generate supplementary weighting for the partnering local district); and
- tuition.

While sometimes referred to as dual credit, joint enrollment does not necessarily entail credit being issued at both the secondary and postsecondary levels. Some programs, such as PSEO and concurrent enrollment, require that credit be issued at each level, while other joint enrollment opportunities have no such requirement.

Figure 5-1: Fiscal year joint enrollment: 2004-2015.

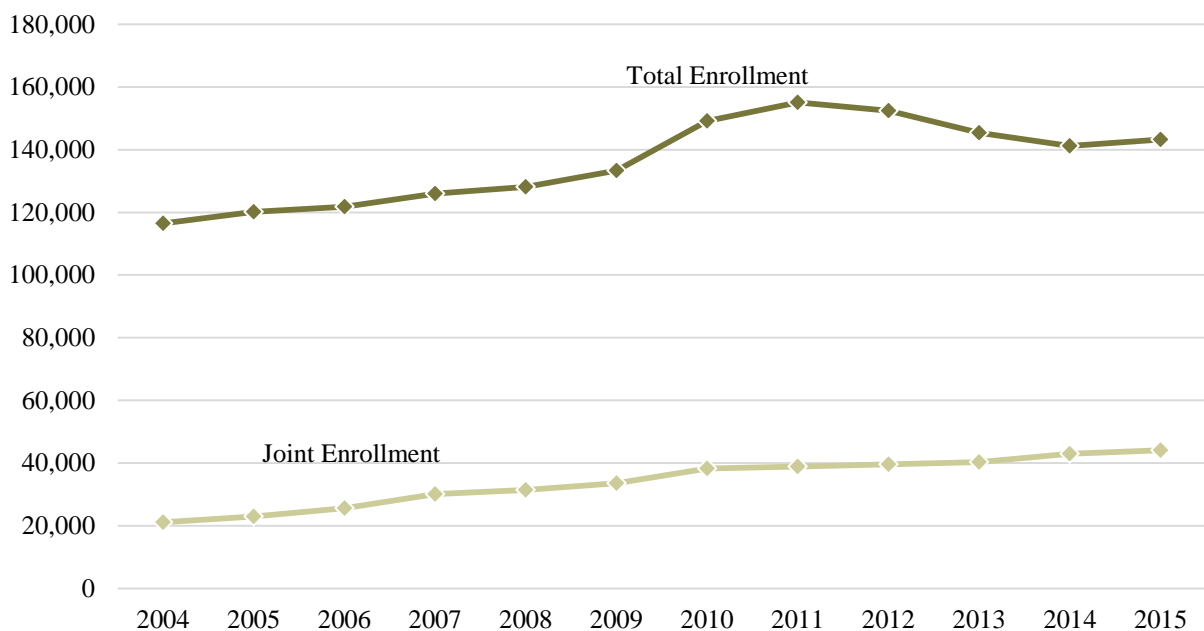


Figure 5-2: Fiscal year joint enrollment semester hours: 2004-2015.

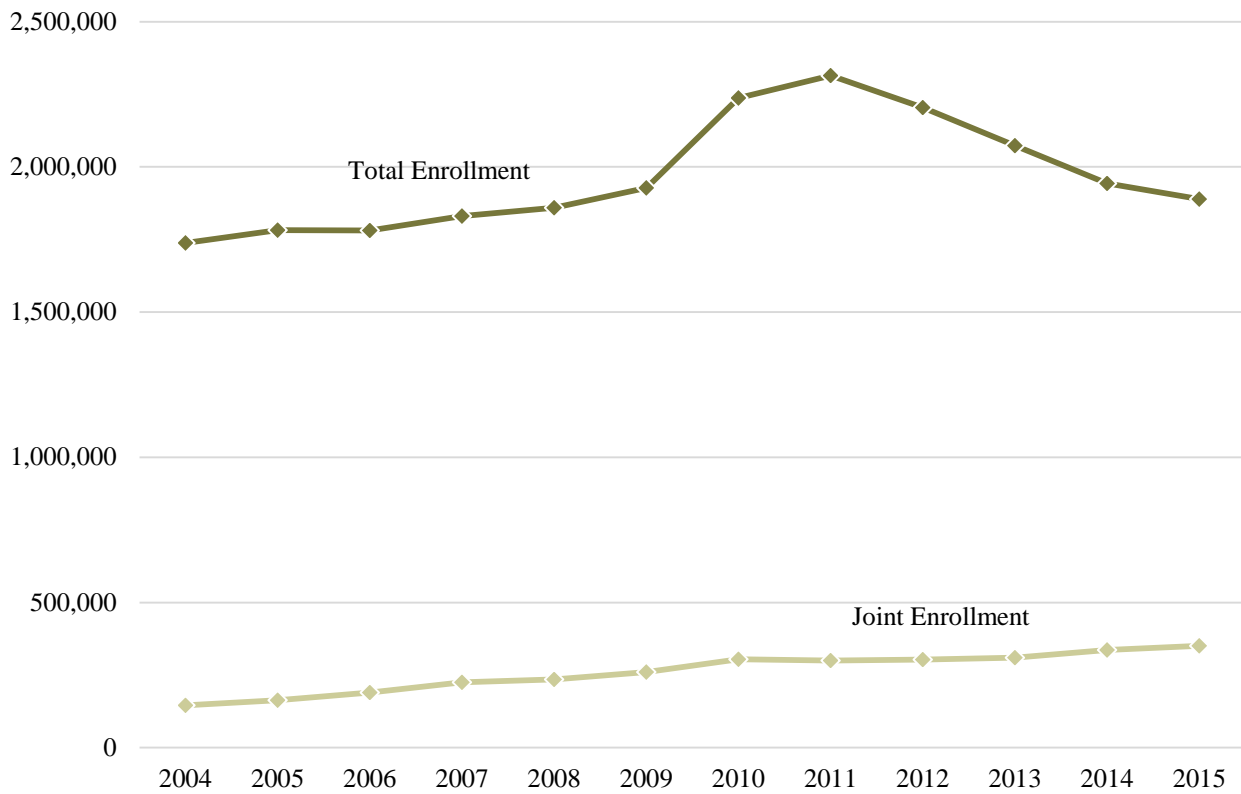


Figure 5-3: Average semester hours per jointly enrolled student: 2004-2015.

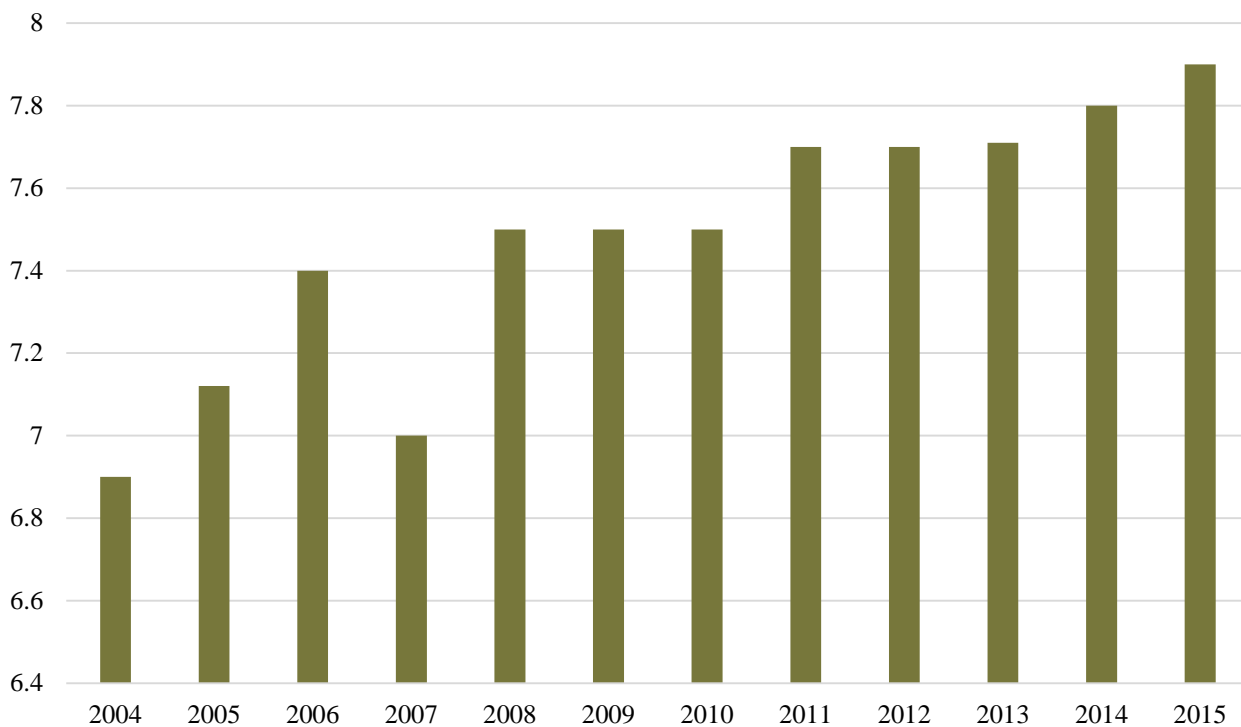
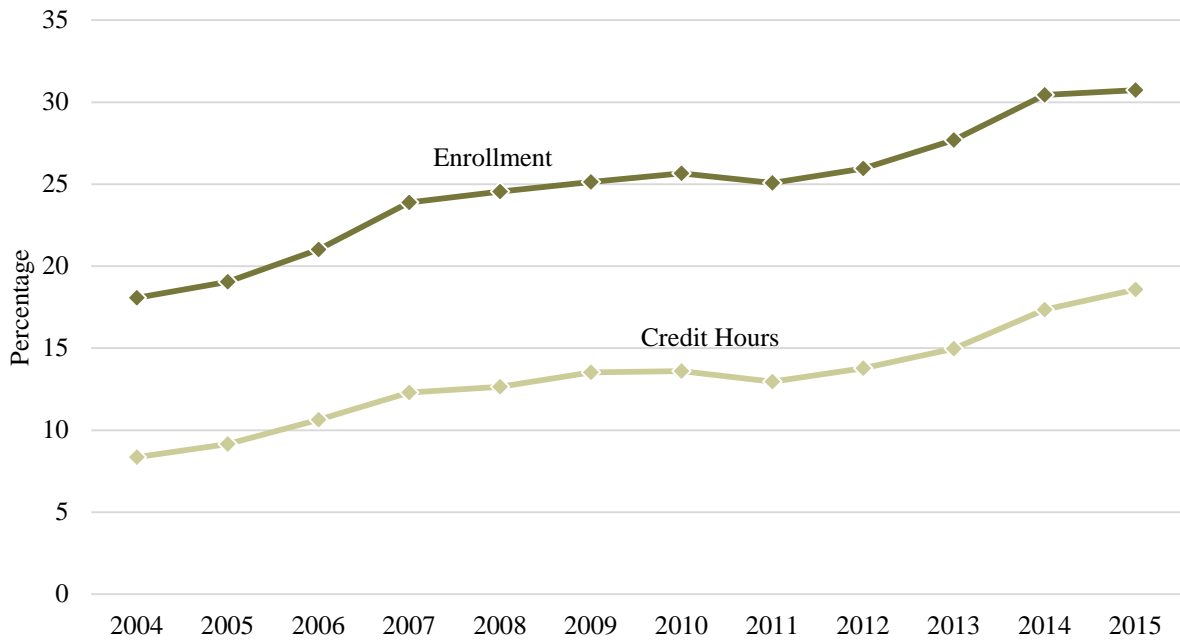


Figure 5-4: Joint enrollment and semester hours as a percentage of total credit enrollment and semester hours: 2004-2015.

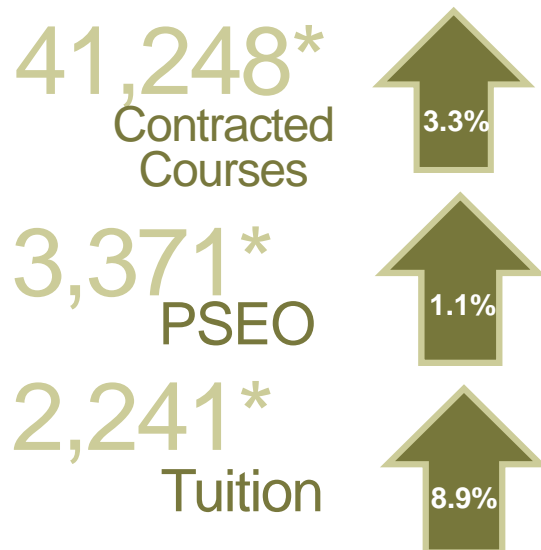


Joint enrollment in Iowa community colleges has steadily risen to a record high of 44,034 students in fiscal year (FY) 2015, which represents a 2.4 percent enrollment increase from 2014 (Figure 5-1). Enrollment growth of jointly enrolled students continues to outpace the growth of total credit enrollment, despite an increase in total credit enrollment of approximately one percent from FY 2014 to FY 2015. Since FY 2004, joint enrollment has increased 109 percent – approximately 6.9 percent per year.

Jointly enrolled students enrolled in a total of 350,997 credit hours in FY 2015 compared to 336,923 credit hours the previous year (Figure 5-2). The number of average credit hours taken by each student slightly increased to 7.9, equivalent to about 2 or 3 courses per student (Figure 5-3). The number of credit hours taken per jointly enrolled student has increased one credit hour since FY 2004. In FY 2015, joint enrollment accounted for 19 percent of total credit hours, a two percentage point increase from FY 2014. Because high school students generally enroll part-time, they account for a smaller proportion of total credit hours than for total enrollment (Figure 5-4).

The rate at which high school students enroll in community college coursework varies by local school district and community college region (Figure 5-8). Nationally, public two-year colleges offer college credit coursework to high school students at higher rates than other sectors of higher education. In 2005, 98 percent of public two-year colleges nationwide had high school students jointly enrolled in college

JOINT ENROLLMENT BY OFFERING ARRANGEMENT



*Note: Joint enrollment by offering arrangement exceeds unduplicated total 44,034 because some students are enrolled in multiple categories.

credit coursework compared with 77 percent of public four-year institutions.² In Iowa, delivery of programs to high school students is a part of the community colleges’ mission (Iowa Code 260C.1); therefore, all 15 community colleges are committed to offering college credit opportunities to these students.

²Kleiner, Brian and Laurie Lewis. Dual Enrollment of High School Students at Postsecondary Institutions: 2002-03. National Center for Education Statistics. 2005. www.nces.ed.gov

Figure 5-5: Credit joint enrollment by offering arrangement type: 2015.



Joint Enrollment Offering Arrangements

Contracted courses had the largest enrollment of the three types of joint enrollment offering arrangements, accounting for 88 percent of jointly enrolled students in FY 2015 (Figure 5-5). Enrollment in contracted courses rose 3.4 percent from the previous year to 41,248 students. Postsecondary Enrollment Options, which accounted for approximately seven percent of joint enrollment, experienced a slight enrollment increase of about one percent from FY 2014. Similarly, enrollment of tuition-paying students increased about one percent, to 2,241 students, from the previous year.

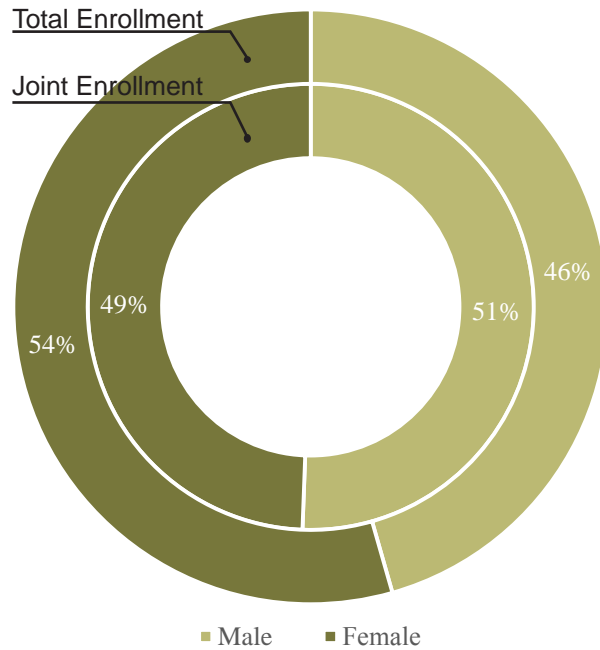
Jointly Enrolled Student Demographics

Compared with the overall student body, jointly enrolled students have higher proportions of whites and males. The typical jointly enrolled student is male, 17 years old, and white. This is the third consecutive year in which more males jointly enrolled than females. In FY 2015, slightly more than half of joint enrollees were male compared to about 46 percent of the overall student body (Figure 5-6).

The phenomenon of proportionally greater male enrollment is driven by contracted course enrollment, which was 51.1 percent male in FY 2015, up from 50.8 percent in FY 2014. In contrast, PSEO and tuition enrollment were 62.8 percent and 51.5 percent female, respectively.

The racial/ethnic background of joint enrollees is less diverse than either total community college enrollment or public K-12 enrollment. In FY 2015, close to 14

Figure 5-6: Jointly enrolled credit student gender*: 2015.



*Students with unknown gender are not included.

Figure 5-7: Jointly enrolled credit student enrollment by racial minorities: 2015.

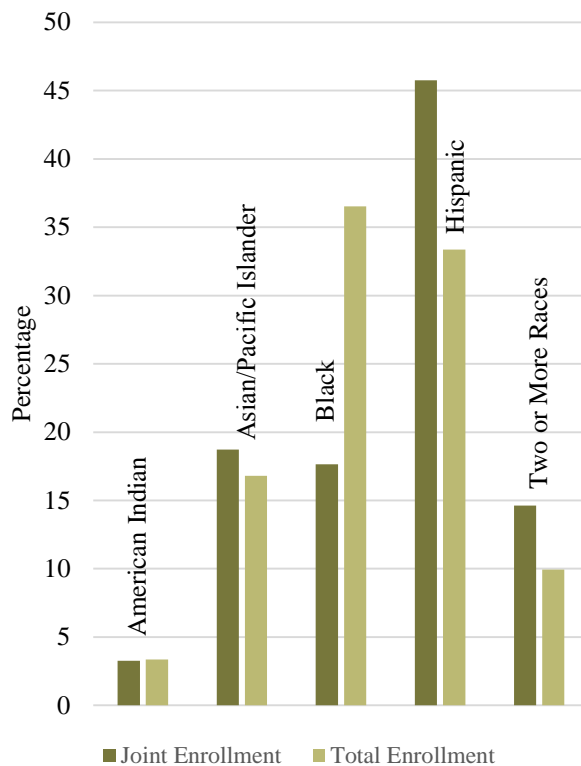
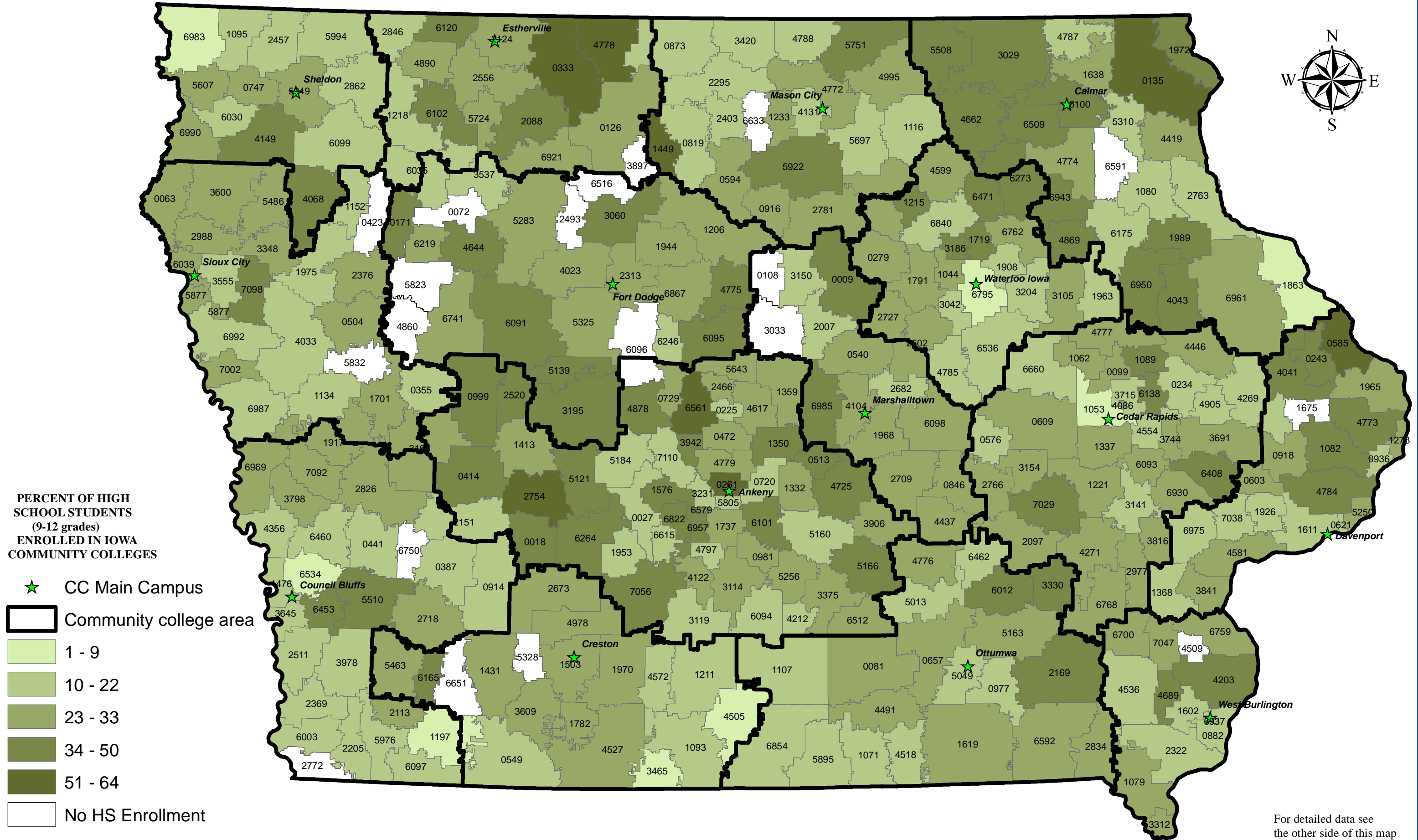


FIGURE 5-8: PERCENT OF HIGH SCHOOL STUDENTS (9-12 GRADES) ENROLLMENT IN IOWA COMMUNITY COLLEGES DURING FY 2015



District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)	District Number	District Name	Percent (Joint)
0009	AGWSR	39.34	1134	CHARTER OAK-UTE	10.38	2466	GILBERT	23.52	4068	MARCUS-MERIDEN-CLEGHORN	38.67	5310	POSTVILLE	16.59	6768	WASHINGTON	28.82
0018	ADAIR-CASEY	37.25	1152	CHEROKEE	22.02	2502	GLADBROOK-REINBECK	23.88	4086	MARION INDEPENDENT	23.15	5325	PRAIRIE VALLEY	32.40	6795	WATERLOO	7.45
0027	ADEL-DESOTO-MINBURN	20.29	1197	CLARINDA	7.22	2511	GLENWOOD	14.48	4104	MARSHALLTOWN	23.55	5463	RED OAK	24.38	6822	WAUKEE	40.58
0063	AKRON WESTFIELD	22.54	1206	CLARION-GOLDFIELD-DOWS	30.31	2520	GLIDDEN-RALSTON	33.88	4122	MARTENSDALE-ST MARYS	29.51	5486	REMSEN-UNION	27.61	6840	WAVERLY-SHELL ROCK	18.87
0081	ALBIA	29.74	1211	CLARKE	14.98	2556	GRAETTINGER-TERRIL	32.91	4131	MASON CITY	11.08	5508	RICEVILLE	45.13	6854	WAYNE	12.94
0099	ALBURNETT	26.85	1215	CLARKSVILLE	34.02	2673	NODAWAY	26.40	4149	MOC-FLOYD VALLEY	38.21	5510	RIVERSIDE	38.92	6867	WEBSTER CITY	26.71
0126	ALGONA	33.06	1218	CLAY CENTRAL-EVERLY	14.71	2682	GMG	14.79	4203	MEDIAPOLIS	42.25	5607	ROCK VALLEY	26.80	6921	WEST BEND-MALLARD	25.85
0135	ALLAMAKEE	52.12	1221	CLEAR CREEK-AMANA	31.96	2709	GRINNELL-NEWBURG	25.98	4212	MELCHER-DALLAS	10.42	5643	ROLAND-STORY	25.38	6930	WEST BRANCH	32.95
0153	NORTH BUTLER	24.75	1233	CLEAR LAKE	29.59	2718	GRISWOLD	26.89	4269	MIDLAND	11.26	5697	RUDD-ROCKFORD-MARBLE RK	22.03	6937	WEST BURLINGTON IND	20.54
0171	ALTA	33.90	1278	CLINTON	30.13	2727	GRUNDY CENTER	23.87	4271	MID-PRAIRIE	28.95	5724	RUTHVEN-AYRSHIRE	26.47	6943	WEST CENTRAL	47.92
0225	AMES	12.65	1332	COLFAX-MINGO	23.00	2754	GUTHRIE CENTER	59.90	4356	MISSOURI VALLEY	20.92	5751	ST ANSGAR	34.89	6950	WEST DELAWARE COUNTY	44.20
0234	ANAMOSA	21.49	1337	COLLEGE	25.55	2763	CLAYTON RIDGE	20.11	4419	MFL MARMAC	25.52	5805	SAYDEL	15.17	6957	WEST DES MOINES	41.81
0243	ANDREW	50.00	1350	COLLINS-MAXWELL	37.87	2766	H-L-V	26.17	4437	MONTEZUMA	31.55	5877	SERGEANT BLUFF-LUTON	24.06	6961	WESTERN DUBUQUE	32.52
0261	ANKENY	57.89	1359	COLO-NESCO	28.48	2781	HAMPTON-DUMONT	32.61	4446	MONTICELLO	28.72	5895	SEYMOUR	13.16	6969	WEST HARRISON	27.94
0279	APLINGTON-PARKERSBURG	23.71	1368	COLUMBUS	22.22	2826	HARLAN	26.61	4491	MORAVIA	26.92	5922	WEST FORK	37.33	6975	WEST LIBERTY	19.35
0333	NORTH UNION	52.38	1413	COON RAPIDS-BAYARD	26.95	2834	HARMONY	31.11	4505	MORMON TRAIL	5.13	5949	SHELDON	23.65	6983	WEST LYON	8.64
0355	AR-WE-VA	17.65	1431	CORNING	24.51	2846	HARRIS-LAKE PARK	21.30	4518	MOULTON-UDELL	17.14	5976	SHENANDOAH	17.62	6985	WEST MARSHALL	33.91
0387	ATLANTIC	16.24	1449	CORWITH-WESLEY	52.63	2862	HARTLEY-MELVIN-SANBORN	18.66	4527	MOUNT AYR	33.48	5994	SIBLEY-OCHEYEDAN	12.74	6987	WEST MONONA	12.29
0414	AUDUBON	37.81	1476	COUNCIL BLUFFS	20.84	2977	HIGHLAND	32.30	4536	MOUNT PLEASANT	15.44	6003	SIDNEY	19.29	6990	WEST SIOUX	25.37
0441	A-H-S-T	12.13	1503	CRESTON	29.58	2988	HINTON	29.17	4554	MOUNT VERNON	14.69	6012	SIGOURNEY	37.63	6992	WESTWOOD	20.81
0472	BALLARD	24.40	1576	DALLAS CENTER-GRIMES	40.75	3029	HOWARD-WINNESHIEK	38.36	4572	MURRAY	13.93	6030	SIOUX CENTER	17.57	7002	WHITING	25.00
0504	BATTLE CREEK-IDA GROVE	24.31	1602	DANVILLE	17.92	3042	HUDSON	20.50	4581	MUSCATINE	23.50	6035	SIOUX CENTRAL	21.83	7029	WILLIAMSBURG	40.09
0513	BAXTER	34.72	1611	DAVENPORT	16.90	3060	HUMBOLDT	44.58	4599	NASHUA-PLAINFIELD	24.38	6039	SIOUX CITY	23.11	7038	WILTON	15.91
0540	BCLUW	23.50	1619	DAVIS COUNTY	28.33	3105	INDEPENDENCE	25.59	4617	NEVADA	30.52	6091	SOUTH CENTRAL CALHOUN	36.56	7047	WINFIELD-MT UNION	29.05
0549	BEDFORD	18.18	1638	DECORAH	31.78	3114	INDIANOLA	33.44	4644	NEWELL-FONDA	45.45	6093	SOLON	26.61	7056	WINTERSET	39.04
0576	BELLE PLAINE	12.20	1701	DENISON	26.81	3119	INTERSTATE 35	17.07	4662	NEW HAMPTON	42.28	6094	SOUTHEAST WARREN	18.01	7092	WOODBINE	30.82
0585	BELLEVUE	54.46	1719	DENVER	40.26	3141	IOWA CITY	9.78	4689	NEW LONDON	42.77	6095	SOUTH HAMILTON	35.91	7098	WOODBURY CENTRAL	42.08
0594	BELMOND-KLEMMME	25.60	1737	DES MOINES INDEPENDENT	28.16	3150	IOWA FALLS	14.47	4725	NEWTON	34.01	6097	SOUTH PAGE	16.00	7110	WOODWARD-GRANGER	11.10
0603	BENNETT	25.93	1782	DIAGONAL	30.23	3154	IOWA VALLEY	31.49	4772	CENTRAL SPRINGS	28.69	6098	SOUTH TAMA COUNTY	24.58			
0609	BENTON	28.49	1791	DIKE-NEW HARTFORD	23.11	3168	IKM-MANNING	28.46	4773	NORTHEAST	50.15	6099	SOUTH O'BRIEN	18.72			
0621	BETTENDORF	21.58	1863	DUBUQUE	8.16	3186	JANESVILLE CONSOLIDATED	34.88	4774	NORTH FAYETTE	29.26	6100	SOUTH WINNESHIEK	44.31			
0657	EDDYVILLE-BLAESBURG-FREMONT	24.24	1908	DUNKERTON	18.64	3195	GREENE COUNTY	37.09	4775	NORTHEAST HAMILTON	33.93	6101	SOUTHEAST POLK	35.73			
0720	BONDURANT-FARRAR	14.05	1917	BOYER VALLEY	32.47	3204	JESUP	16.44	4776	NORTH MAHASKA	26.98	6102	SPENCER	35.28			
0729	BOONE	23.08	1926	DURANT	13.46	3231	JOHNSTON	19.81	4777	NORTH LINN	33.17	6120	SPIRIT LAKE	34.29			
0747	BOYDEN-HULL	24.24	1944	EAGLE GROVE	29.06	3312	KEOKUK	23.19	4778	NORTH KOSSUTH	63.64	6138	SPRINGVILLE	37.78			
0819	WEST HANCOCK	10.73	1953	EARLHAM	17.83	3330	KEOTA	40.91	4779	NORTH POLK	31.03	6165	STANTON	34.94			
0846	BROOKLYN-GUERNSEY-MALCOM	29.90	1963	EAST BUCHANAN	20.11	3348	KINGSLEY-PIERSON	27.50	4784	NORTH SCOTT	38.66	6175	STARMONT	21.60			
0873	NORTH IOWA	15.88	1965	EASTON VALLEY	23.56	3375	KNOXVILLE	26.52	4785	NORTH TAMA COUNTY	16.67	6219	STORM LAKE	31.69			
0882	BURLINGTON	12.42	1968	EAST MARSHALL	23.69	3420	LAKE MILLS	12.77	4787	NORTH WINNESHIEK	20.00	6246	STRATFORD	13.33			
0914	CAM	10.05	1970	EAST UNION	26.95	3465	LAMONI	1.77	4788	NORTHWOOD-KENSETT	18.88	6264	WEST CENTRAL VALLEY	40.97			
0916	CAL	27.50	1972	EASTERN ALLAMAKEE	39.23	3537	LAURENS-MARATHON	21.88	4797	NORWALK	13.73	6273	SUMNER-FREDERICKSBURG	33.89			
0918	CALAMUS-WHEATLAND	29.26	1975	RIVER VALLEY	19.70	3555	LAWTON-BRONSON	19.80	4869	OELWEIN	39.38	6408	TIPTON	36.64			
0936	CAMANICHE	19.73	1989	EDGEWOOD-COLESBURG	34.55	3600	LE MARS	29.43	4878	OGDEN	35.25	6453	TREYNOR	34.04	STATE		25.00
0977	CARDINAL	20.36	2007	ELDORA-NEW PROVIDENCE	17.51	3609	LENOX	22.56	4890	OKOBOJI	30.25	6460	TRI-CENTER	9.63			
0981	CARLISLE	32.64	2088	EMMETSBURG	33.85	3645	LEWIS CENTRAL	19.23	4905	OLIN CONSOLIDATED	11.11	6462	TRI-COUNTY	16.00			
0999	CARROLL	41.37	2097	ENGLISH VALLEYS	22.88	3691	NORTH CEDAR	23.45	4978	ORIENT-MACKSBURG	24.53	6471	TRIPOLI	37.09			
1044	CEDAR FALLS	29.27	2113	ESSEX	22.64	3715	LINN-MAR	18.66	4995	OSAGE	26.44	6509	TURKEY VALLEY	41.36			
1053	CEDAR RAPIDS	7.40	2124	ESTHERVILLE LINCOLN CENTRAL	27.23	3744	LISBON	22.94	5013	OSKALOOSA	21.79	6512	TWIN CEDARS	26.62			
1062	CENTER POINT-URBANA	25.00	2151	EXIRA-ELK HORN-KIMBALLTON	17.69	3798	LOGAN-MAGNOLIA	25.60	5049	OTTUMWA	16.64	6534	UNDERWOOD	9.41			
1071	CENTERVILLE	20.05	2169	FAIRFIELD	37.01	3816	LONE TREE	32.93	5121	PANORAMA	34.13	6536	UNION	14.73			
1079	CENTRAL LEE	30.89	2205	FARRAGUT	11.18	3841	LOUISA-MUSCATINE	23.94	5139	PATON-CHURDAN	44.78	6579	URBANDALE	39.82			
1080	CENTRAL	21.66	2295	FOREST CITY	11.75	3906	LYNNVILLE-SULLY	22.73	5160	PCM	18.94	6592	VAN BUREN	24.07			
1082	CENTRAL DE WITT	38.49	2313	FORT DODGE	27.13	3942	MADRID	35.04	5163	PEKIN	33.06	6615	VAN METER	19.17			
1089	CENTRAL CITY	45.78	2322	FORT MADISON	21.57	3978	EAST MILLS	16.16	5166	PELLA	49.48	6660	VINTON-SHELLSBURG	18.31			
1093	CENTRAL DECATUR	11.43	2369	FREMONT-MILLS	16.77	4023	MANSON-NORTHWEST WEBSTER	27.30	5184	PERRY	20.03	6700	WACO	28.66			
1095	CENTRAL LYON	21.67	2376	GALVA-HOLSTEIN	30.77	4033	MAPLE VALLEY-ANTHON OTO	12.45	5250	PLEASANT VALLEY	25.36	6741	EAST SAC COUNTY	32.36			
1107	CHARITON	21.90	2403	GARNER-HAYFIELD	14.57	4041	MAQUOKETA	36.93	5256	PLEASANTVILLE	24.77	6759	WAPELLO	23.62			
1116	CHARLES CITY	20.59	2457	GEORGE-LITTLE ROCK	20.86	4043	MAQUOKETA VALLEY	38.77	5283	POCAHONTAS AREA	33.45	6762	WAPSIE VALLEY	29.80			

NOTE: Data excludes 3,814 (8.3 percent) jointly enrolled secondary students with missing district number or State ID.
SOURCE: K-12 Student Data and CC MIS.

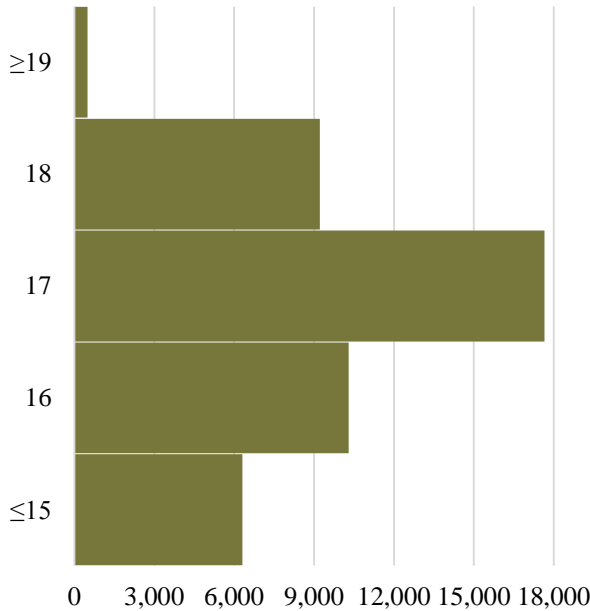
RACIAL/ETHNIC MINORITY BACKGROUND*



*Students with unknown race/ethnicity are not included.

percent of joint enrollees were reported as having a minority racial/ethnic background. As a proportion of total joint enrollment by program type, tuition course enrollment had the largest proportion of minority students (15 percent), followed by contracted course (14 percent), and PSEO (six percent). Hispanics were the largest minority group with 46 percent of minority joint enrollment, followed by Asian and Black students, with 19 percent and 18 percent respectively (Figure 5-7). By comparison, Black students accounted for the largest proportion of total community college enrollment at 37 percent, followed by Hispanic at 33 percent, and Asian at 17 percent.

Figure 5-9: Jointly enrolled credit student age*: 2015.



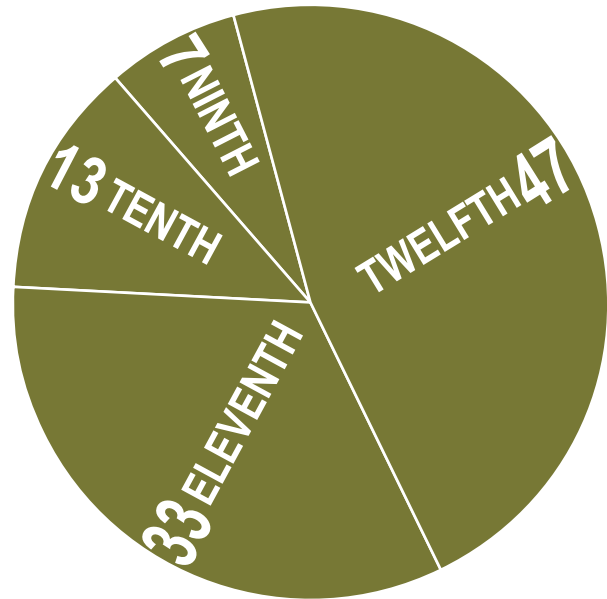
*Students with unknown age are not included.

Jointly enrolled students were younger than the overall community college student body, with about 78 percent under 17 years of age (Figure 5-9). Almost all jointly enrolled students (99.5 percent) were classified as residents of Iowa for tuition purposes. Only 145 out-of-state and 91 foreign nationals were jointly enrolled during FY 2015.

Grade Level of Jointly Enrolled Students

Jointly enrolled students tend to be upperclassmen in high school, with 80 percent in their last two years of high school. Seniors accounted for 47 percent of jointly enrolled students while almost a third were juniors (Figure 5-10).

Figure 5-10: Jointly enrolled credit student grade level: 2015.



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6

CREDIT STUDENT AWARDS

Fiscal year (FY) credit awards track students who received any type of community college award during the fiscal year. Award counts include the same student each time the student receives an award during this period of time. In FY 2015, the number of awards increased marginally, and the composition of community college awardees remained relatively the same.

In FY 2015, the number of awards increased to 19,225, a growth of 0.9 percent. The growth is manifested by higher numbers of Associate of General Studies (AGS), Associate of Applied Science awards, and certificates. This increase happened despite four years of consecutive decline in total enrollments. The award rate (number of awards per number of students) grew by 0.4 percent since last year, reaching a twelve-year record high of 13.9 percent. On average, the number of awards in Iowa community colleges has increased 3.3 percent since tracking began in FY 2000. Overall, the number of awards has been steady since year 2006, fluctuating between years 2000 and 2005, and, with data collection-related exception in 2013*, has been on the

*In 2013, the time-frame to report awards has changed to align with state fiscal year. As the result, 2013 awards were reported based on nine months, while 2014 was reported based on new 12-month time-frame, thus making the difference between the two years higher than usual.

CREDIT AWARDS

LARGEST AWARD TYPE:

ASSOCIATE OF APPLIED SCIENCE (AAS)

95 more awards than Associate of Arts

NUMBER OF AWARDS:

19,225  **0.9%**

INCREASED SINCE LAST YEAR:

rise continuously since year 2010 through 2015 (Figure 6-1).

There are a variety of credit student awards granted by Iowa community colleges, including:

- Associate of Arts (AA)
- Associate of Science (AS)
- Associate of General Studies (AGS)
- Associate of Applied Arts (AAA)
- Associate of Applied Science (AAS)
- Associate of Professional Studies (APS)
- Diplomas
- Certificates

For the first time in the history of the MIS (Management Information Systems, 2000), the largest number of awards was received in AAS, and not AA type. AAS awards comprised 5,230 (27.2 percent) of the

Figure 6-1: Awards by type: 2000-2015.

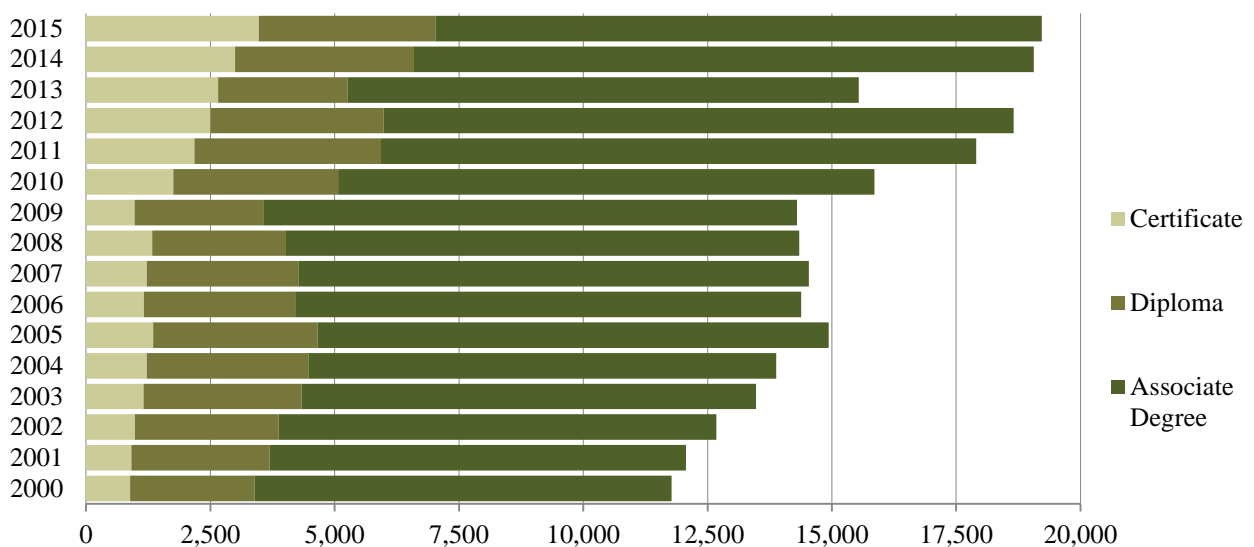
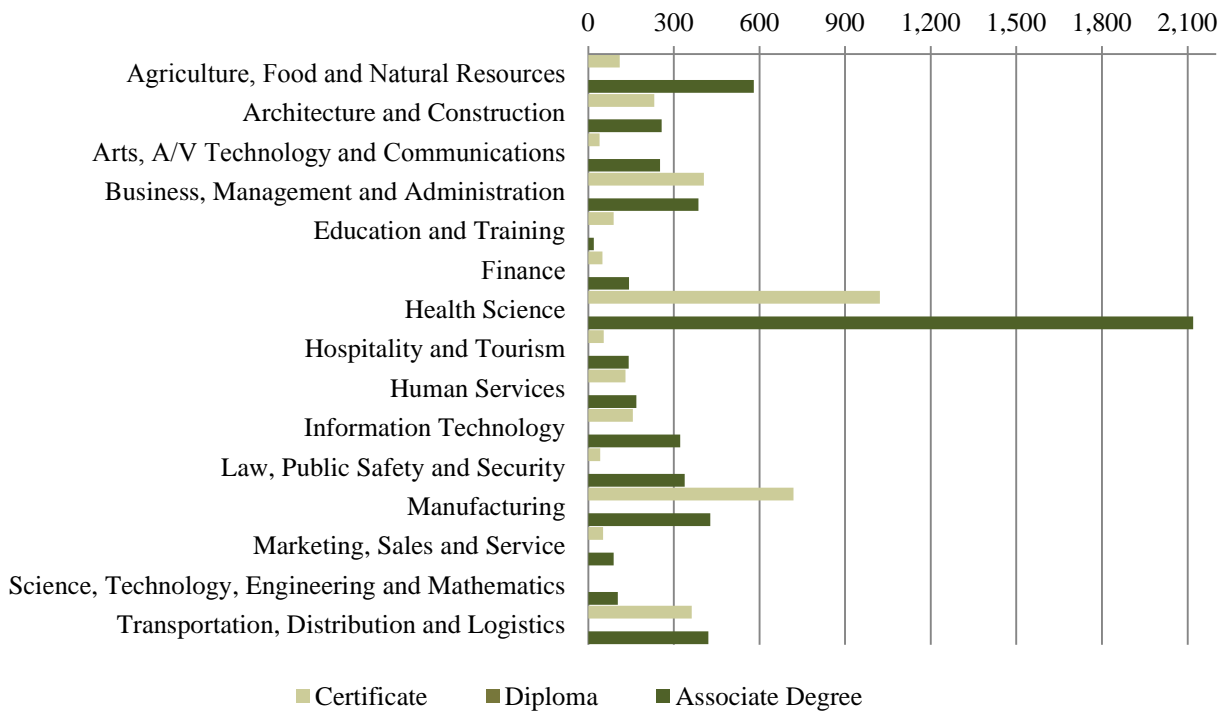


Figure 6-2: Student award by CTE program: 2015.



NOTE: There were no awards in Government and Public Administration.

total credit student awards granted during FY 2015. AA awards accounted for another 5,135 (26.7 percent) of awards issued. The share of AS awards decreased from 6.8 percent in 2014, to 5.5 percent in 2015. The share of certificates increased from 15.7 to a record-high 18.2 percent between the same years, reaching a record high 3,470; the number of diplomas decreased to 18.5 percent of all awards for a total of 3,553. AGS degrees increased 61.4 percent, while AAA degrees dropped 60.2 percent.

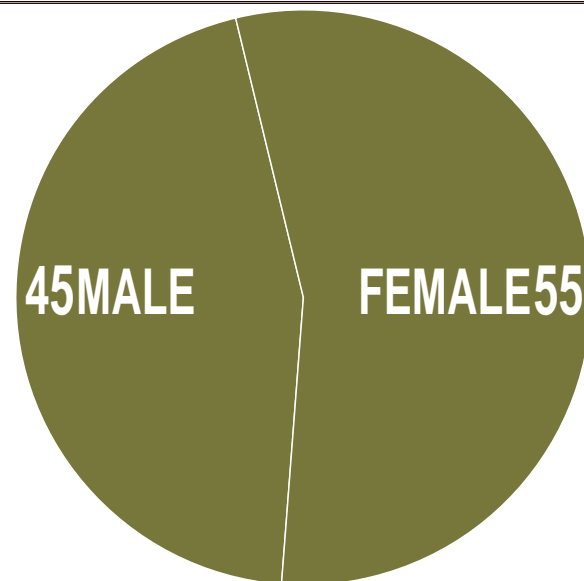
Credit student awards by program of study have remained fairly consistent over the past five years. In career and technical education (CTE) programs, the largest number of awards (4,861) was granted in health science, followed by manufacturing (1,669); transportation, distribution and logistics (992); business, management and administration (894); architecture and construction (842); and agriculture, food and natural resources programs (813). Steady over the last 14 years, the prevailing number of degrees (over 45 percent) were associate degrees, followed by diplomas and certificates (Figure 6-2).

Awardees Demographics

The typical community college awardee is a white female receiving an AA or AAS degree in health science. In general, the same distribution is true for credit student enrollment. While females comprised around 55

percent of general enrollment for the past 15 years, the awards previously were distributed more heavily toward women, typically presenting a 60 (females) to 40 (males) percent picture. In FY 2015, however, 54 percent of all enrollees in Iowa community colleges were women, and 55 percent of all awardees were women (Figure 6-3). Nationally, women earn more awards than men (U.S.

Figure 6-3: Awardees by gender: 2015.



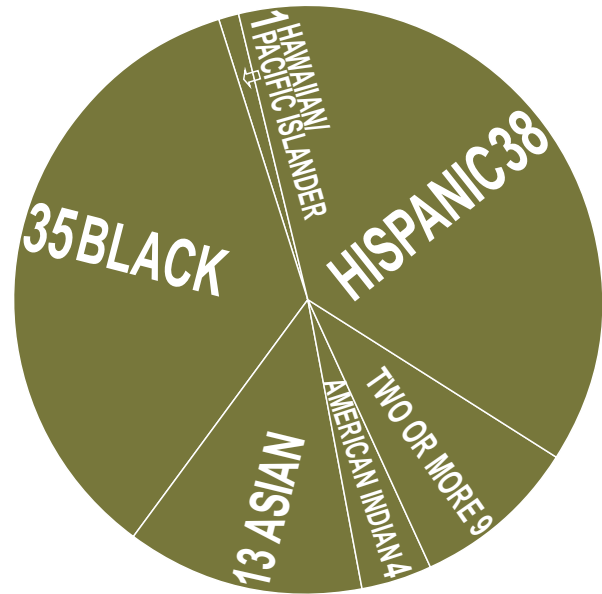
Department of Education, Integrated Postsecondary Education Data Systems, IPEDS, 2014). Women earned 57.7 percent of all awards given by U.S. public two-year institutions.

A somewhat different trend was present for the racial distribution. Although whites comprised over 81.1 percent of Iowa community college enrollees in FY 2015, they comprised 86.9 percent of all community college awardees. Nationally, however, whites comprised only 62.8 percent of all public two-year institutions awards recipients (IPEDS, 2014).

The distribution of awards among racial minorities does not mirror enrollment either. Blacks remained the largest group of enrollees among racial and ethnic minorities (38.2 percent) in 2015, but comprised only 35.3 percent of minority awardees. Conversely, students of Hispanic origin comprised 37.9 percent of all awardees among racial and ethnic minorities, with only 33.7 percent of all minority enrollees in FY 2015 (Figure 6-4).

Similar to all awardees, the overwhelming majority of awards received by racial minorities in 2015 were associate degrees (58.5 percent), followed by certificates (23.6 percent), and diplomas (17.9 percent). The number of awards among racial and ethnic minorities has continued to grow, with some fluctuations, between the 2000 and 2015, by 10.1 percent on average (Figure 6-5). This change in award rates among minorities is three

Figure 6-4: Awards by racial and ethnic minorities, percent: 2015.



times higher than the overall growth rate of 3.3 percent. In FY 2015, over 38 percent of all CTE awards were in health science. The gender distribution, however, is even higher: close to 63 percent of all CTE awards received by women were in health science. Women also led in

Figure 6-5: Credit student awards within racial/ethnic minority group: 2000-2015.

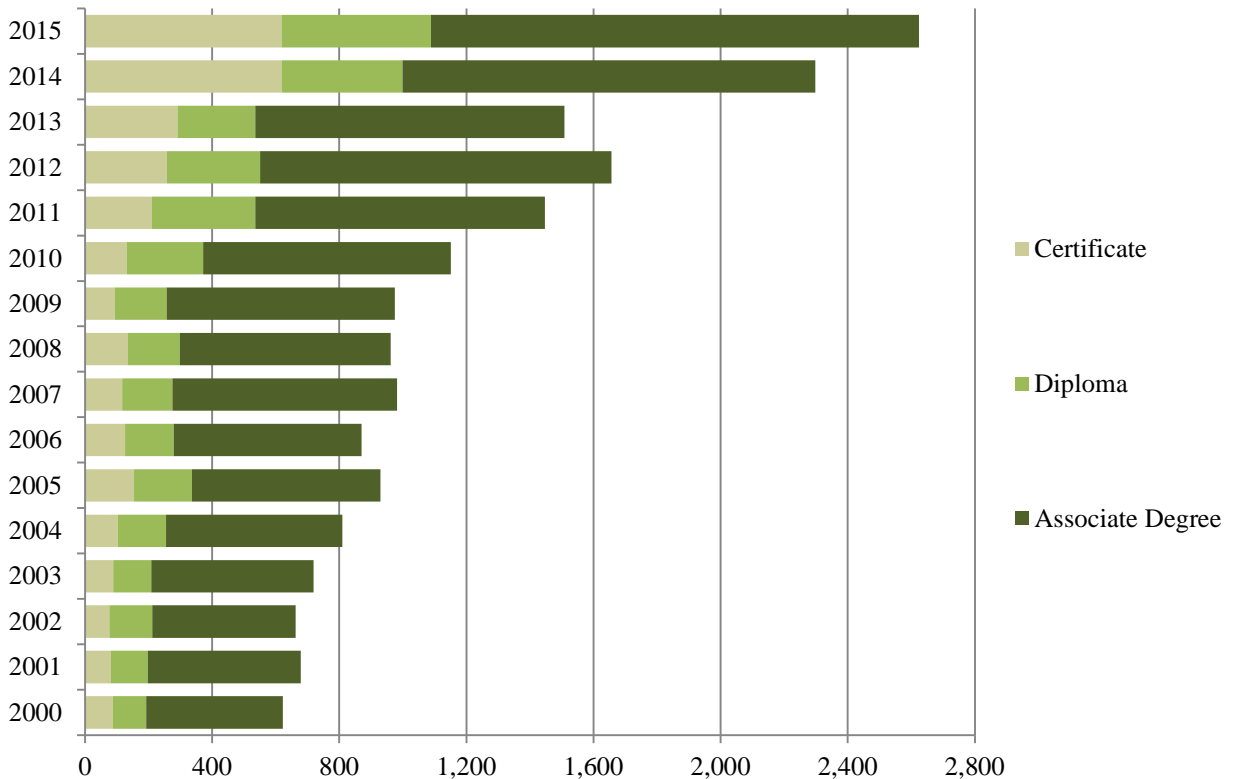
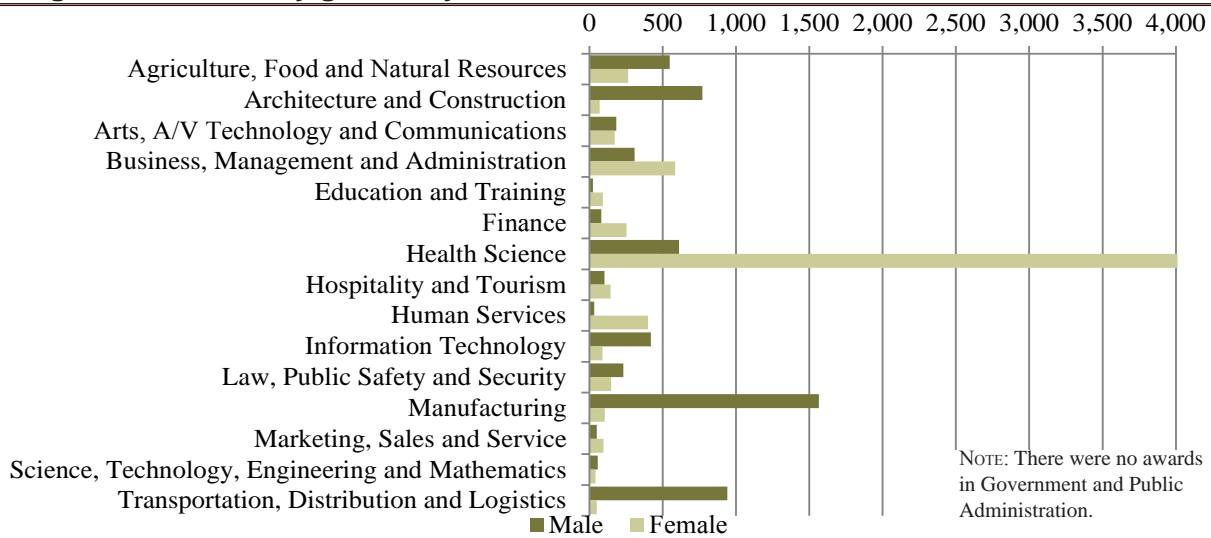


Figure 6-6: Award by gender by career cluster: 2015.



business, management and administration, education and training, human services and finances, while men received more awards in transportation; manufacturing; architecture and construction; information technologies; and agriculture (Figure 6-6).

The majority of CTE awards received by racial and ethnic minority students were among health science award recipients, followed by awards in manufacturing (Figure 6-7). This distribution pattern follows the pattern for the general cohort of awardees.

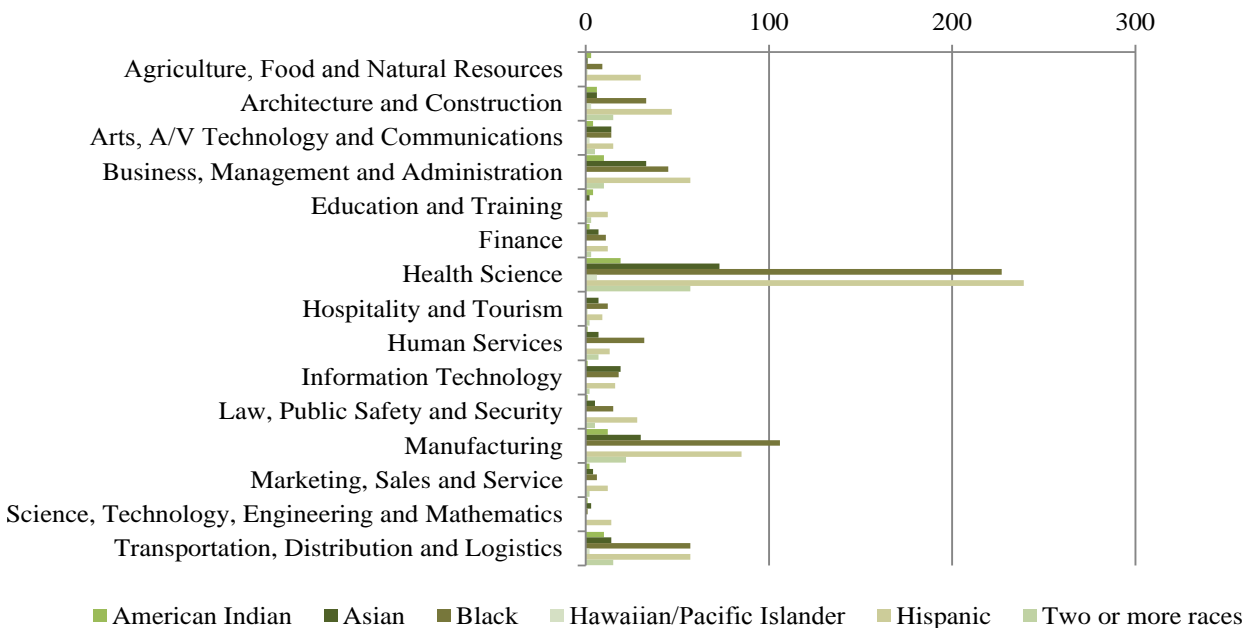
Award Rates and Distribution in Other States*

The award rate is the number of awards per enrolled student. Award rates were approached in several ways: as the ratio between all enrollment and all awards; between Associate degrees and all enrollment; between all awards and FTE (Full-Time Equivalent), and as the ratio between Associate degrees and FTE.

Nationally, the ratio of all awards vs. all enrollment in public two-year institutions in eight contiguous states is 11.7. Iowa community colleges are above that average with 13.0 percent, third after South Dakota and

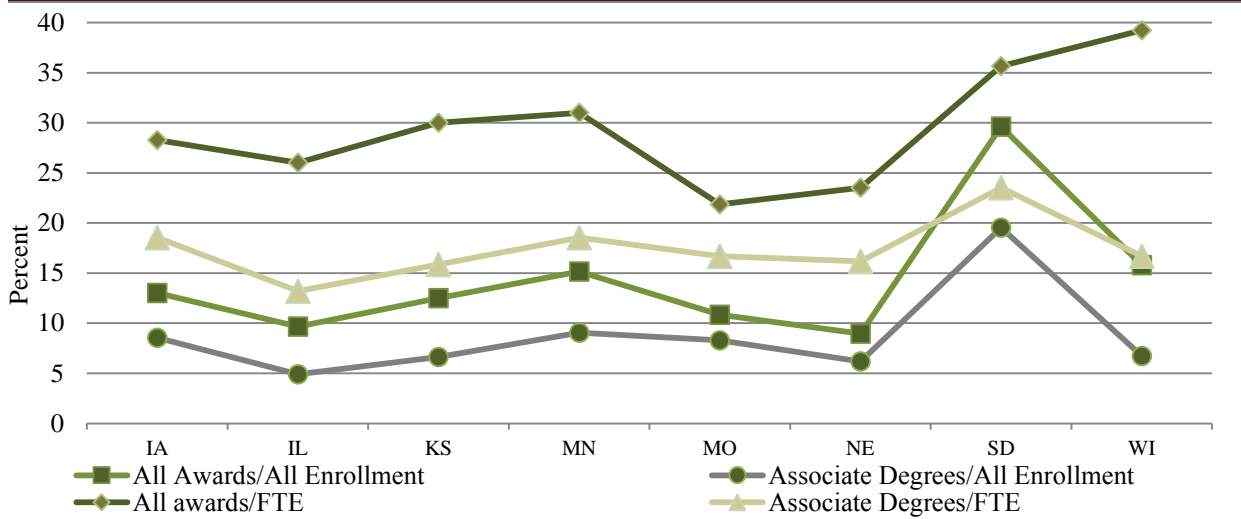
*SOURCE: U.S. Department of Education, Integrated Postsecondary Education Data Systems, 2014.

Figure 6-7: Credit student awards by CTE program and racial/ethnic minority: 2015.



NOTE: There were no awards in Government and Public Administration.

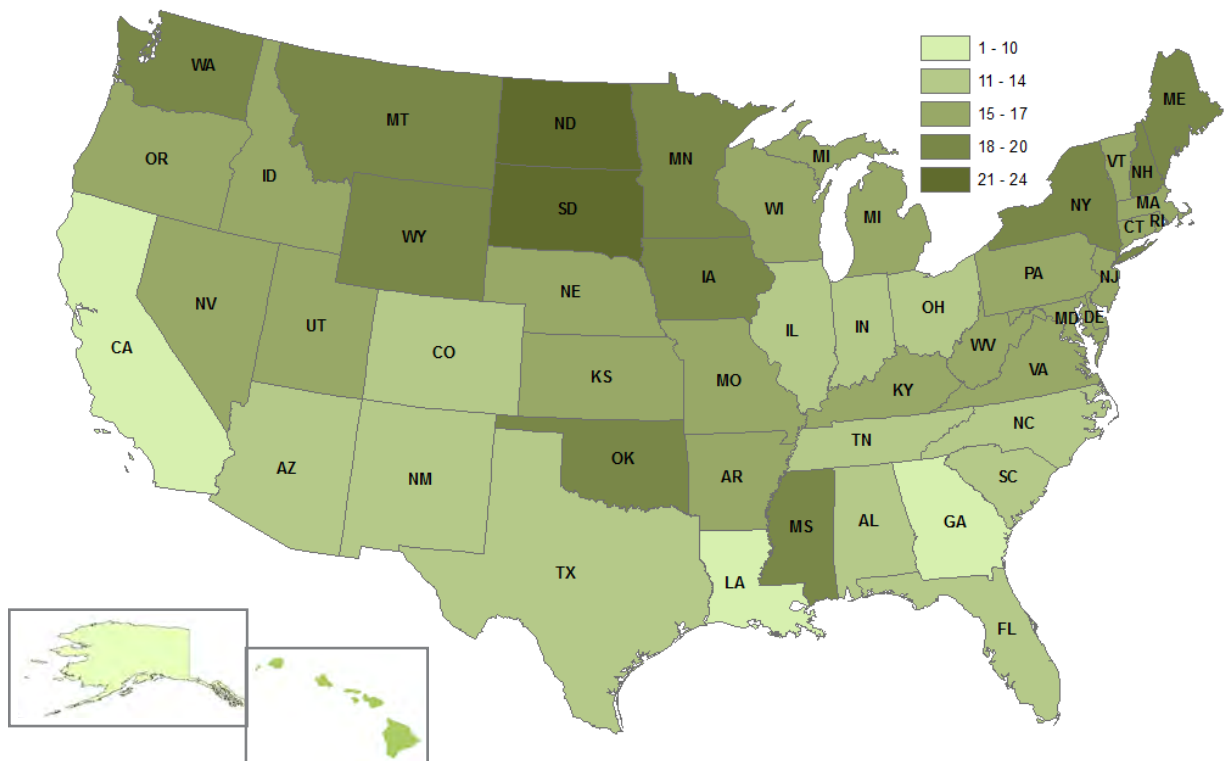
Figure 6-8: Credit student award rates, contiguous states: 2014*.



Missouri on Associate degrees vs. all enrollment (8.5 percent); above average (28.2 percent) on all awards vs. FTE (28.3 percent); and second (after South Dakota) on Associate degrees vs. FTE with 18.6 percent (Figure 6-8). Nationwide, Iowa is higher than the 14.0 percent average on the number of Associate degrees per FTE (18.6 percent), ranking 8th among all states, while during previous year it ranked 14th (Figure 6-9).

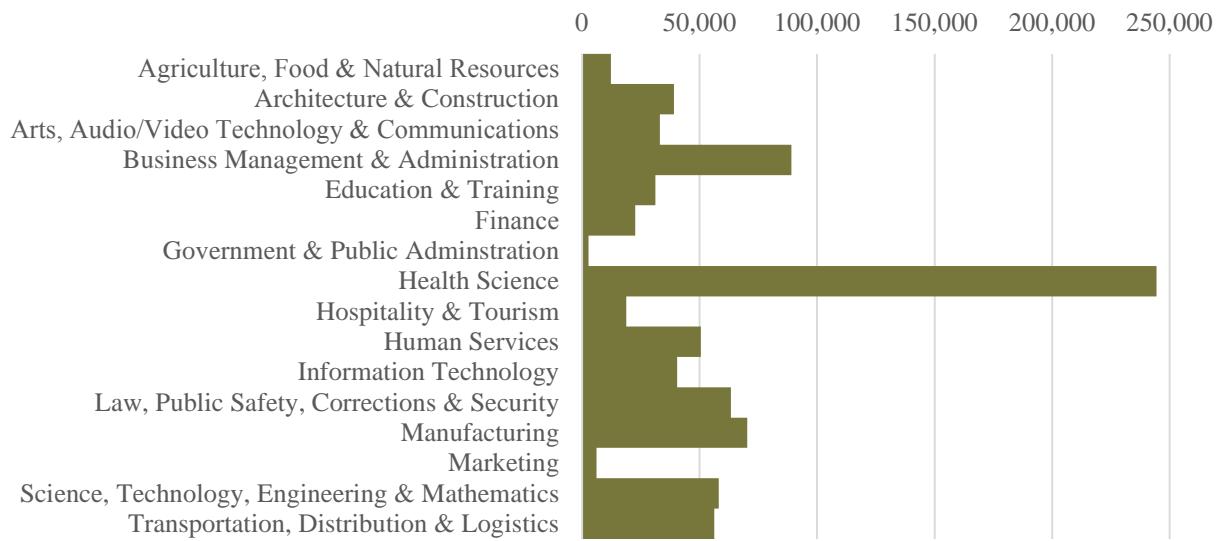
Although national data do not classify program areas in the same educational clusters, recent data aggregated by career clusters are analogous to Iowa community colleges. Similar to Iowa, most awards were granted in general studies intended to prepare students for a four-year degree, followed by health/clinical sciences, and business (Figure 6-10).

Figure 6-9: Number of 2-year degrees per FTE rate, 2-year public institutions: 2014*.



*SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, 2014.

Figure 6-10: U.S. credit student awards by CTE program: 2014*.



*SOURCE: U.S. Department of Education, Integrated Postsecondary Data Systems, 2014 and Perkins Collaborative Resource Network, 2014.

7

CREDIT PROGRAMS

Credit programs provided by Iowa's 15 community colleges fall under two general categories: arts and sciences (A&S) and career and technical education (CTE). The A&S programs consist of a college parallel (transfer) course of study designed to provide a strong general education component to satisfy the lower-division liberal arts and science requirements for a bachelor's degree. In accordance with Iowa Code, A&S programs consist of 60 to 64 semester credit hours that culminate in an Associate of Arts (AA) or an Associate of Science (AS) degree, the latter consisting of at least 20 math and science credits. Acquisition of these degrees should prepare students to transfer into four-year colleges or universities with junior standing.

In FY 2015, 71 percent of Iowa community college students were enrolled in A&S programs of study and 29 percent of students were enrolled in CTE programs primarily designed to prepare students for immediate employment in occupations requiring less than a four-year degree. These programs culminate in Associate of Applied Arts (AAA), Associate of Applied Sciences (AAS), Associate of Sciences-Career Option (ASCO), and Associate of Professional Studies (APS) degrees, diplomas, and certificates. The ASCO award type, originally intended for transfer to a related baccalaureate

program or immediate employment, was phased-out by 2013 legislation largely because it did not adequately prepare students for direct employment or seamless transfer. This program type was replaced by the Associate of Professional Studies degree option that includes 62-68 semester credit hours divided into five discipline categories and requires the submission of at least three articulation agreements with four-year institutions. These agreements must specify how 32 CTE credits will transfer directly into related baccalaureate programs, rather than just as CTE electives guaranteed by Iowa's statewide CTE transfer agreement maintained by LACTS (Liaison Advisory Committee on Transfer Students). Currently, only Iowa Central Community College has adapted its ASCO programs to fit the stringent criteria of the APS degree and there are a few remaining ASCO programs that must be phased out by August 2016.

Iowa community colleges offer CTE programs in the 16 National Career Clusters® (Figure 7-1), each representing a distinct grouping of occupations and industries based on the knowledge and skills required.¹ In FY 2015, there were 1,426 award options offered statewide in CTE programs of study, with the majority being in Agriculture, Automotive Technology and Repair, Business, Health Sciences, Information Technology, and Engineering Technology and Manufacturing. Table 7-1 lists the most popular CTE

Figure 7-1: National Career Clusters®



¹See <http://www.careertech.org/career-clusters/glance/at-a-glance.html> for additional information regarding the Career Cluster® Framework.

programs offered from August 15, 2014 through August 14, 2015, based on the number of community colleges with an active program in each area.

Table 7-1: Most popular CTE programs offered by Iowa community colleges in 2015.

OFFERED BY ALL 15 COMMUNITY COLLEGES
<i>Accounting/Bookkeeping</i>
<i>Agriculture (Business, Equine, Horticulture, Production, Supplies, etc.)</i>
<i>Automobile/Automotive Mechanics Technology</i>
<i>Construction Trades (Carpentry, Electrician, Plumbing, HVAC, etc.)</i>
<i>Health Care (Administration, Clinical/Medical Assistant, Records, etc.)</i>
<i>Information Technology (Programming, Web Design, Networking, etc.)</i>
<i>Registered Nursing</i>
<i>Licensed Practical Nurse Training</i>
OFFERED BY AT LEAST 11 COMMUNITY COLLEGES
<i>Administrative Assistant and Secretarial Science</i>
<i>Autobody/Collision and Repair Technology</i>
<i>Business Administration and Management</i>
<i>Child Care Provider/Assistant</i>
<i>Criminal Justice (Corrections, Police and Fire Science, Cyber Forensics)</i>
<i>Dental Assisting or Dental Hygiene</i>
<i>Engineering Technology (Electrical, Mechanical, Robotics)</i>
<i>Emergency Medical Technology (EMT Paramedic)</i>
<i>Industrial Technology (Electronics, Mechanics, Maintenance, Repairers)</i>
<i>Machine Tool Technology/Machinist</i>
<i>Mechanics Technology (Diesel, Aircraft, Motorcycle Maintenance)</i>
<i>Medical Technology (Respiratory Care, Surgical, Diagnostic, Radiology)</i>
<i>Retail Sales, Distribution, Marketing Operations</i>
<i>Welding Technology/Welder</i>

Credit Program Approval and CurricUNET

Iowa community colleges are required to obtain approval from the Iowa Department of Education for all credit programs. All 15 colleges are approved to offer AA and AS degree programs, which are recorded under a single “Liberal Arts and Sciences/Liberal Studies” CIP code (Classification of Instructional Programs). The specific details of these programs regarding the composition of general education and elective courses are maintained at the college level and are not accessible through the statewide database. In contrast, state approval, recording, and access of CTE programmatic information is mandated by Iowa Code and is managed by the department through CurricUNET.

The statewide implementation of CurricUNET’s

course management system has greatly enhanced and expedited the program approval, modification, and archival processes. This web-based system facilitates course and program development and approval internally for each college, and then expedites the approval process at the state level. Program details and communication between the colleges and the state are archived for easy access and reporting. The state website is available to the public at www.curricunet.com/iowa_doe and provides access to information regarding courses and CTE programs offered by each of Iowa’s community colleges. Modifications to improve this public site are ongoing in an effort to make it easier to navigate and more informative.

New Credit CTE Programs

Over the five-year period from 2010-2014, an average of 21.6 new CTE programs were approved annually for Iowa’s community colleges. Fiscal year 2015 far exceeded that trend with 28 new program proposals approved from August 2014 through June 2015. These proposals resulted in 36 new award options approved for implementation at 11 community colleges. Table 7-2 provides a listing of the specific programs approved with additional award options listed in italics.

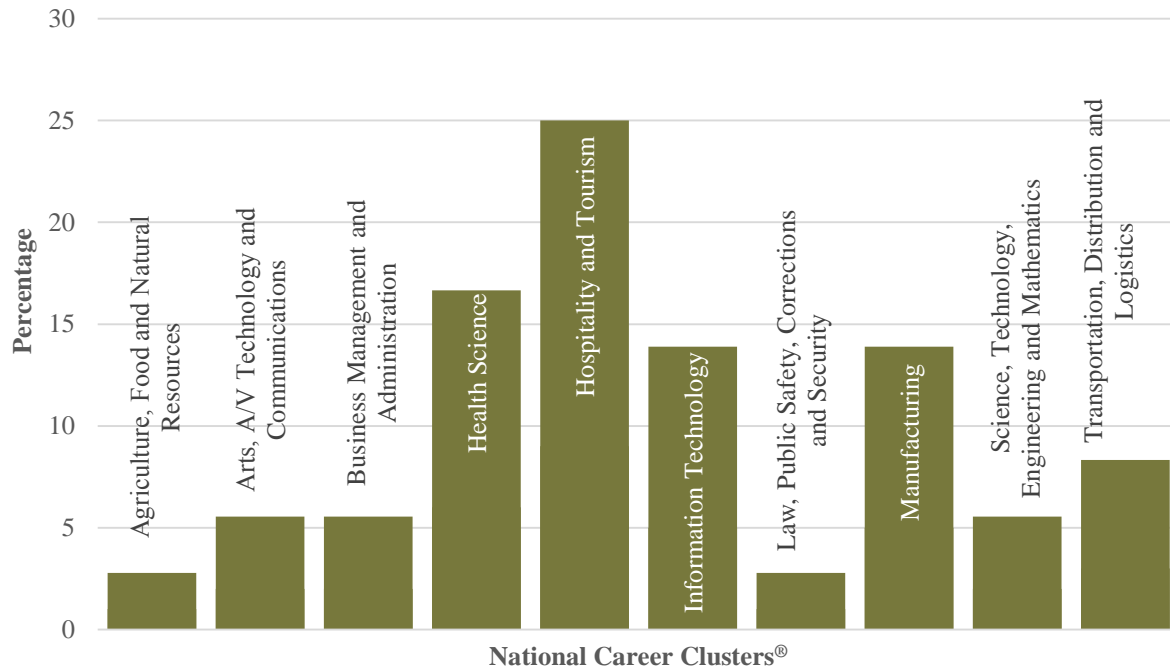
These new programs spanned 10 of the 16 Career Clusters®. Due primarily to Iowa’s acquisition of a federal grant to build training capacity in Information Technology, Healthcare, Utilities, and Manufacturing (IHUM), 64 percent of the new programs are related to these fields. Figure 7-2 provides the percentage distribution of these new programs by national Career Clusters®.

Of the 36 new CTE programs, 25 (69.4 percent) offered an associate degree, including 24 associate of applied science (AAS) and one associate of applied arts (AAA) degrees. In addition, there were seven (19.4 percent) diplomas, including three stand-alone programs and four options within AAS programs; and four (11.1 percent) certificate programs, including two stand-alone and two options within AAS programs. These percentages are illustrated in Figure 7-3.

Maintaining an Accurate CTE Program Database

In addition to developing and submitting new programs for approval, Iowa community colleges may request program deactivation, modifications to active programs, or changes to active programs’ classification or state codes. The latter may involve CIP changes, which department consultants handle carefully in order to accurately crosswalk annual enrollment and completion data, as well as educational outcome data

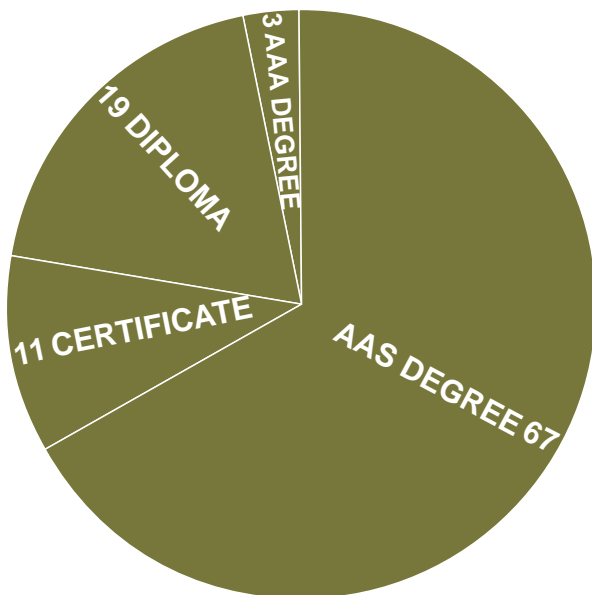
Figure 7-2: New CTE programs by national Career Clusters®: 2014.



regarding employment and wages of completers. A less critical change may be made regarding a program’s ITSO code, which is a state code used to adequately classify a program’s Instructional Level, Type, Special Emphasis, or Object and Purpose. CurricUNET has made it much easier for department consultants to analyze all program codes and, if necessary, initiate corrections to properly classify programs in accordance with their career focus and instructional or delivery attributes.

In FY 2015, Iowa’s 15 community colleges offered

Figure 7-3: New credit CTE programs by award type (percent): FY 2015.



1,426 CTE program award options. The largest award type offered were two-year degrees (693), followed by one-year diplomas (378) and certificates (355). The 693 two-year associate degrees (AAA, AAS, ASCO, and APS) range from 60 to 86 credits, comprised of at least 12 general education credits from three disciplines (Communication, Social Studies/Humanities, and Science/Math) and at least 50 percent technical core coursework. The 378 one-year diploma programs range from 15 to 48 credits, including at least three general education credits among their heavy technical emphasis. The 355 certificate programs range from 1 to 48 technical credits with no general education requirement.

The advent of CurricUNET has made it easy to check these programs for compliance regarding the number of credits, number of weeks, average number of credits per term, general education credits and categories, and technical core coursework. Colleges can easily monitor their compliance by accessing color-coded reports that indicate areas of non-compliance in red font and areas that violate state recommendations, but are not out of compliance with Iowa Code, in yellow font. Colleges can then submit program modifications to correct compliance issues.

In addition to the 28 new program proposals (i.e., 36 new award options) submitted for approval, Iowa’s community colleges submitted 34 Notice of Intent proposals to offer new programs, 318 program modifications, 24 program deactivations, and 57 CIP/ITSO Reclassification for implementation during FY 2015. These 461 proposals represent an 11.4 percent increase in program requests submitted to the

Table 7-2: New CTE programs approved for implementation during FY 2015.

College	Local Program Title	National Career Clusters
Des Moines Area	Real Time Reporting (Court Reporting)	Law, Public Safety, Corrections, and Security
Eastern Iowa	Information Technology-Programming Concentration*	Information Technology
Eastern Iowa	Information Technology-Web Development Concentration*	Information Technology
Eastern Iowa	Information Technology-Database Concentration*	Information Technology
Eastern Iowa	Information Technology-Games & Simulation Concentration*	Information Technology
Eastern Iowa	Information Technology-Security & Forensics Concentration*	Information Technology
Eastern Iowa	Diagnostic Medical Sonography/ <i>Diagnostic Cardiac Sonography</i>	Health Science
Hawkeye	Golf Course and Country Club Management	Hospitality and Tourism
Hawkeye	Medical Billing and Coding Associate	Health Science
Indian Hills	Dental Hygiene	Health Science
Indian Hills	HVAC and Refrigeration	Manufacturing
Indian Hills	Industrial Maintenance Technology/ <i>Fluid Power Sys. Tech.*</i>	Manufacturing
Iowa Central	Digital Mass Communications	Arts, A/V Technology, and Communications
Iowa Central	Baking and Pastry Arts	Hospitality and Tourism
Iowa Central	Industrial Robotics and Automation	Science, Technology, Engineering and Math
Iowa Lakes	Digital, Social, and Broadcast Productions	Arts, A/V Technology, and Communications
Iowa Lakes	Engineering Technology	Science, Technology, Engineering and Math
Iowa Lakes	Electrical Technology	Manufacturing
Iowa Valley	Mobile Service Technician	Agriculture, Food, and Natural Resources
Iowa Valley	Culinary Arts Apprenticeship	Hospitality and Tourism
Iowa Valley	Powerline Technician	Transportation, Distribution, and Logistics
Iowa Valley	Natural Gas Technician/ <i>Utility Technician</i>	Transportation, Distribution, and Logistics
Iowa Western	Personal Trainer	Health Science
Kirkwood	Emergency Medical Technician	Health Science
Northeast Iowa	Finance/ <i>Agriculture Finance</i>	Business Management and Administration
Western Iowa Tech	Culinary Arts/ <i>Prep Cook/Food Preparation</i>	Hospitality and Tourism
Western Iowa Tech	Manufacturing (Mechanical Engineering)*	Manufacturing
Western Iowa Tech	Hospitality Management/ <i>Hospitality Operations/Oper. Concepts</i>	Hospitality and Tourism

*New CIP codes for existing programs, as directed by the Iowa Department of Education.

department in FY 2014. Getting through this volume of requests in the established 30- to 90-day timeframes is manageable because of the workflow, notification, and archival processes offered through CurricUNET. In fact, the colleges have come to expect that a program modification request will be processed in less than a week and a new program approved in less than a month, including its mandatory 14-day peer review. More often than not, department consultants are able to meet these expectations thanks to the efficiencies of CurricUNET.

Not only has CurricUNET expedited these review/

approval processes, it has facilitated bringing existing programs into compliance and managing the common course numbering system. Additionally it has improved communication between department consultants and college program developers, and motivated conversations about ways to improve the access to and resources available via the department's website and CurricUNET. As college faculty and staff become more comfortable with the mechanics of CurricUNET, they see the efficiencies that have been gained through its statewide utilization.

8

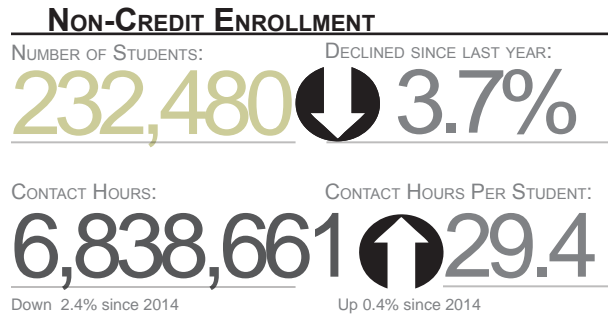
NON-CREDIT ENROLLMENT AND PROGRAMS

Non-credit programs contain a variety of instructional offerings including personal and academic basic skill development, skill development for preparation of individuals entering the workforce, technical courses directly related to specific industry-based work opportunities, and courses to pursue special interests.

In fiscal year (FY) 2015, 232,480 individuals participated in non-credit programs and courses. Enrollment dropped 3.7 percent since last year with an average decrease of 2.2 percent since 2011 (Figure 8-1). The same pattern is applicable to contact hours with a decrease of 2.4 percent since last year. Since 2011 there has been an average decline of 2.6 percent (Figure 8-2).

Non-Credit Courses and Programs

Enrollment in non-credit courses is disaggregated into several program categories and included 412,559 courses in 2015, a decrease of 3.0 percent from the previous year (Figure 8-3). The largest of these categories, 51.8 percent (129,972) in 2015, consisted of non-credit courses designed to enhance students' employability or academic success. If adult basic skills, adult learning, and family/individual development were included in



the definition of enhancing students' employability and academic success, this would total 60.6 percent of course offerings in 2015.

The second largest category of non-credit enrollment included state or federally mandated, state recognized, or court ordered or referred courses (16.5 percent of all programs). State mandated or court ordered courses include the drinking drivers education, driver improvement, community rehabilitation programs, used auto dealer training, mine safety and health, along with various vehicle operators training. Slightly less were courses that were designed for recertification and licensure (15.6 percent) (Figure 8-5).

Figure 8-1: Fiscal year non-credit enrollment: 2004-2015.

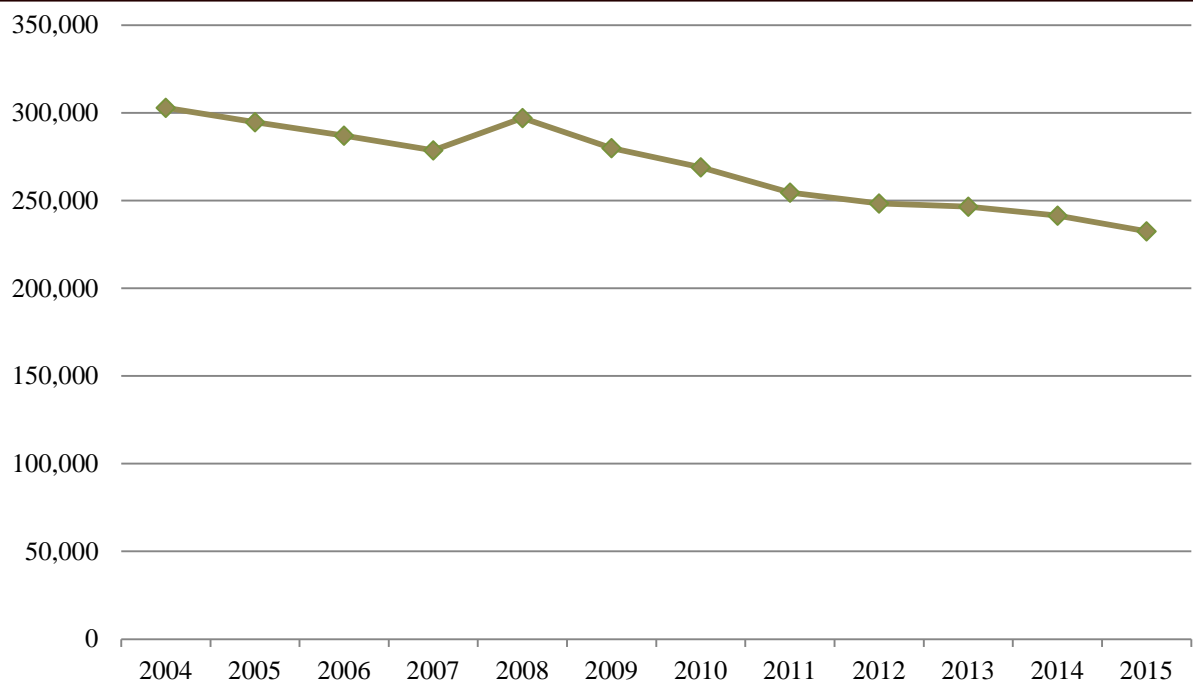


Figure 8-2: Fiscal year non-credit contact hours: 2004-2015.

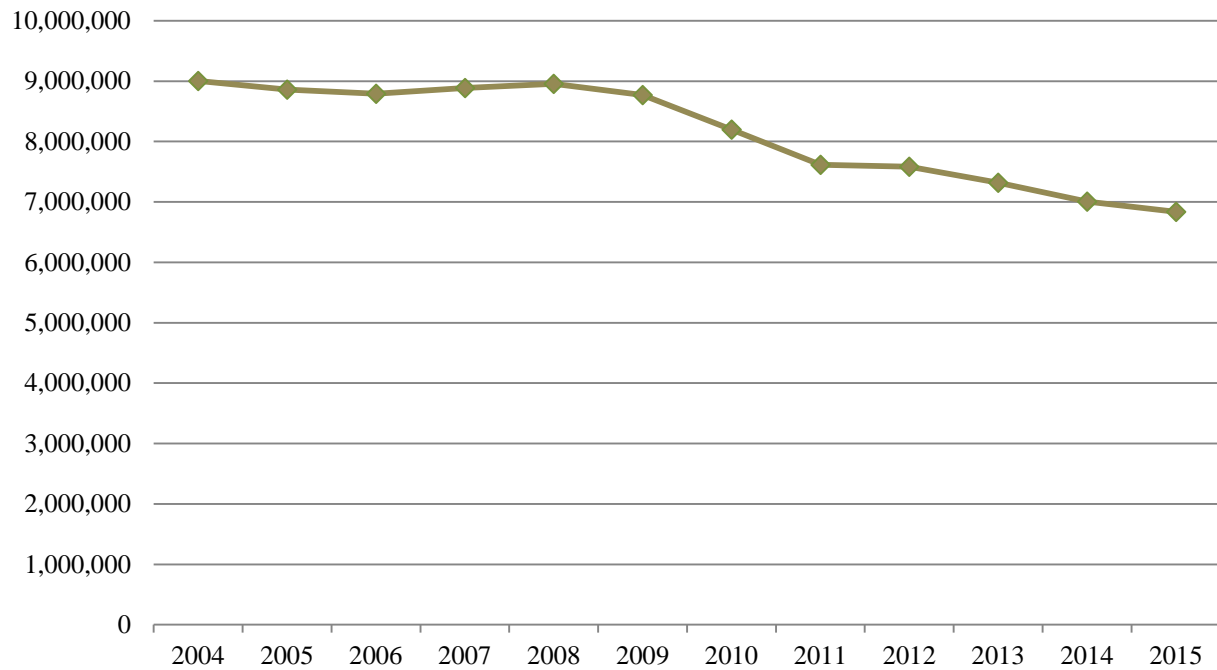
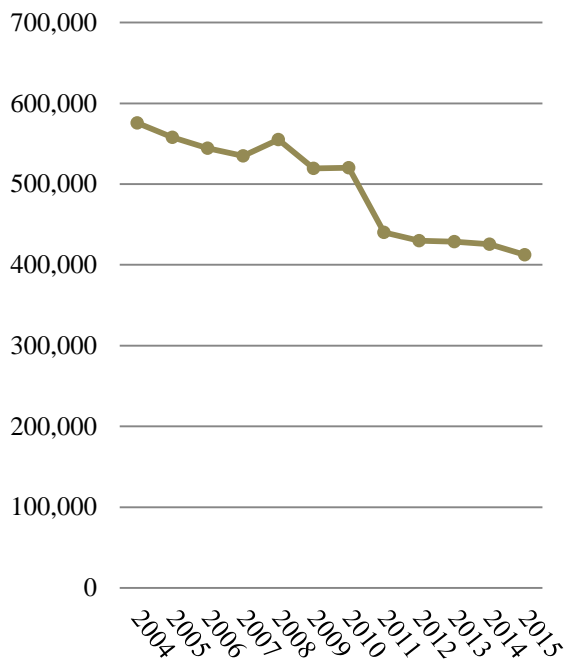


Figure 8-3: Non-credit courses delivered: 2004-2015.



Gender and race/ethnicity of Non-Credit Programs Participants

Historically, females have composed most of community college non-credit enrollment. Conclusions based on reported gender data should be made cautiously as 33,463 enrollees, or 14.2 percent, were reported

without a gender category in FY 2015. Of those students with reported gender, 49.6 were men, and 50.4 percent were women (Figure 8-5).

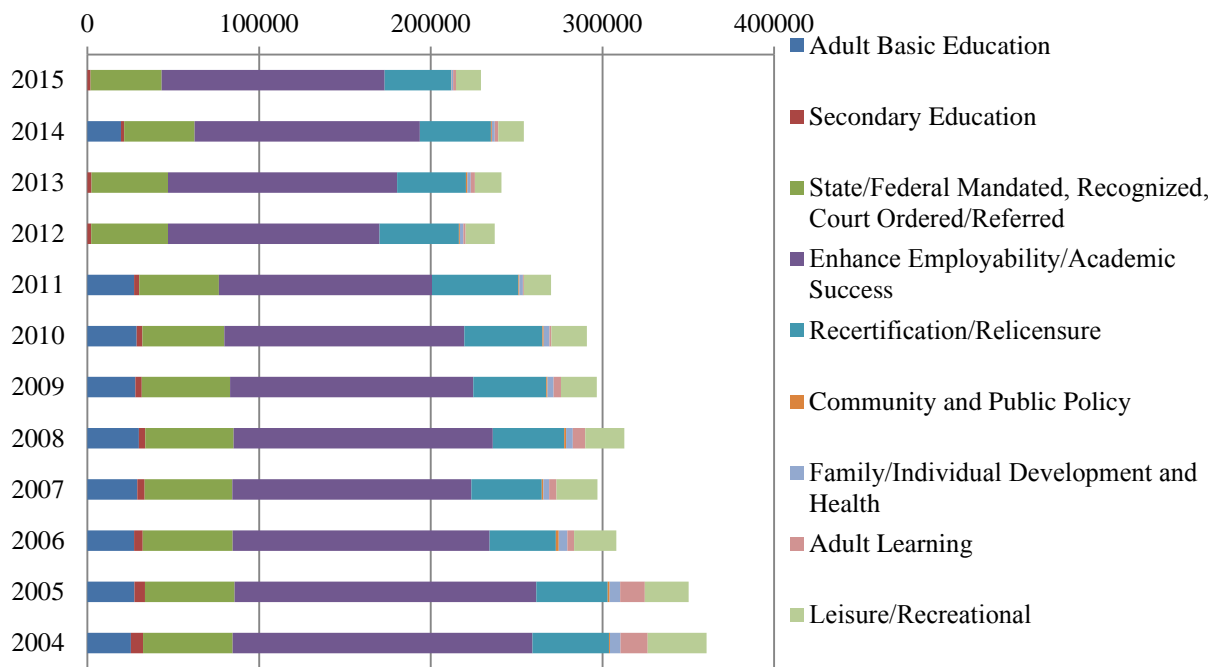
While 57 percent of the total non-credit participants did not report ethnicity or race, of those who did, the majority were White (82.2 percent); 7.5 percent identified themselves as Hispanic or Latino; 6.7 percent as Black; 2.0 percent as Asian; 0.6 percent as American Indian; 0.1 percent as Hawaiian/Pacific Islander; and 0.8 percent reported more than one race (Figure 8-6).

Non-Credit Skill Enhancement Enrollment by Career Clusters

Skill enhancement courses in the non-credit reporting category are designed to provide short-term programs and non-credit courses for the specific purpose of training persons for employment and upgrading and retraining the skills of persons presently employed. Courses and programs designated as short-term preparatory are also included within this category. Skill enhancement courses include many options that align with the 16 national career clusters, the framework for organizing and delivering career and technical education programs.

In FY 2015, 129,972 students were enrolled in skill enhancement courses with 106,820 reported in one of the 16 national career clusters (Figure 8-7). Colleges reported over 2,292,431 contact hours with 96.9 percent (2,221,126) of the total contact hours reported as taken within one or more of the national career clusters (Figure 8-8). Non-credit enrollment at Iowa community

Figure 8-4: Enrollment by program type: 2004-2015.



colleges, distributed among national career clusters, contains a high percentage of student contact hours in health sciences (34.9 percent). Over 61,259 students were enrolled in non-credit health science courses in FY 2015. This is a 3.1 percent decrease since last year and represents 57.3 percent of the total enrollment for skill enhancement in a national career cluster.

Colleges reported 15.6 percent of enrollees in business, management, and administration courses. A total of 5.9 percent were enrolled in transportation, distribution and logistics; 4.6 percent in law public safety and security; 3.6 percent in agriculture, food and natural resources; 2.6 in manufacturing; and 2.1 percent in in architecture and construction (Figure 8-7 and Figure 8-8). For a comparison with credit student enrollment, see Section 3, Fiscal Year Credit Enrollment and Demographics.

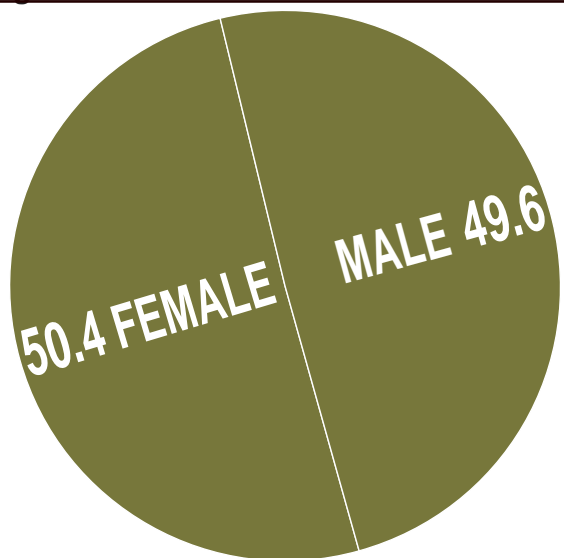
State and Federally Mandated Programs

Non-credit courses include state or federally mandated, court ordered or referred courses and programs that are designed to meet legislated or licensing requirements as defined in the Code of Iowa.

State and federally mandated coursework enrollment increased by 0.9 percent from the previous year (Figure 8-9). This represents a slight turn from the 4.3 percent average annual decrease in enrollment in this category from 2011 to 2015.

State and federally mandated programs vary in their scope and level of enrollment, as displayed in Figure 8-11.

Figure 8-5: Non-credit enrollment by gender*.

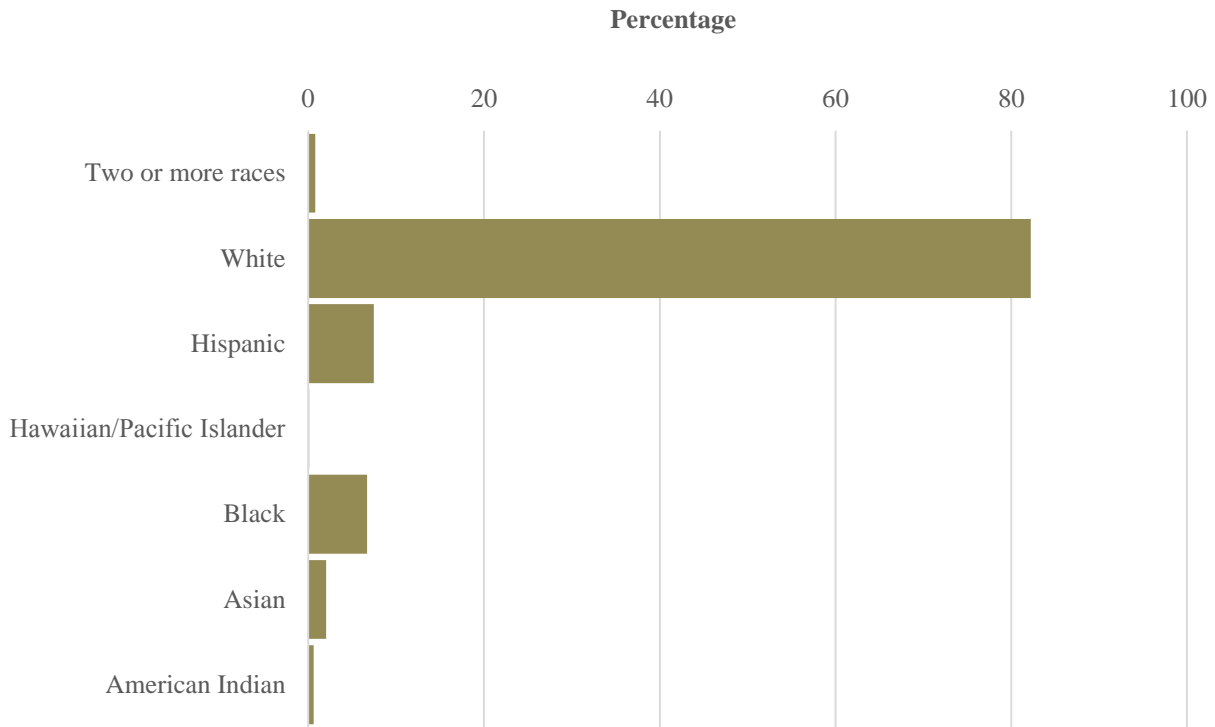


*Based on the number of students who reported their gender.

Non-Credit Mine Safety and Health

The Iowa Department of Education administers a federal grant from the U.S. Department of Labor and Mine Safety and Health Administration (MSHA), which provides funds for training and services delivered to mine owners/operators/contractors in the state of Iowa. Enrollment in MSHA programs between 2011 and 2015 has dropped by one percent with 652 students enrolled in FY 2015 (Figure 8-10).

Figure 8-6: Non-credit enrollment by race/ethnicity*.



*Based on the number of students who reported their race and ethnicity.

Figure 8-7: Non-credit skill enhancement enrollment by career cluster.

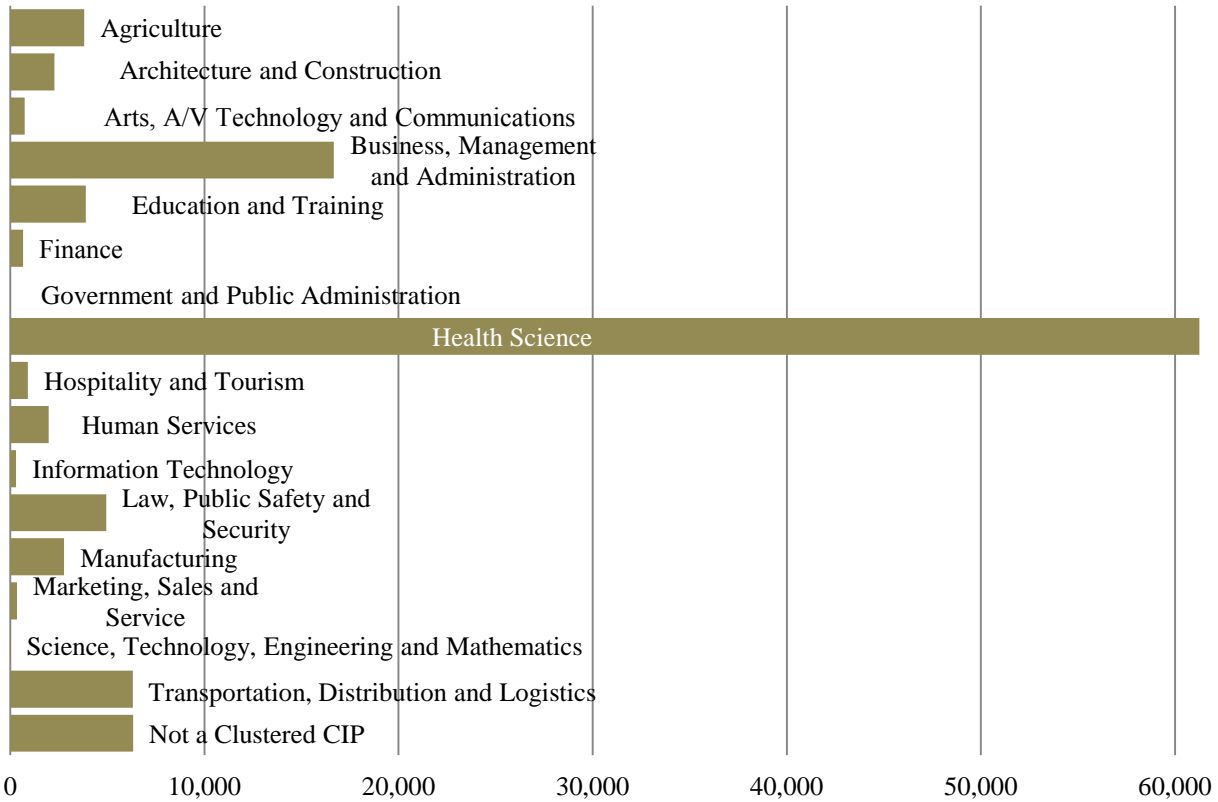


Figure 8-8: Non-credit skill enhancement by career cluster contact hours.

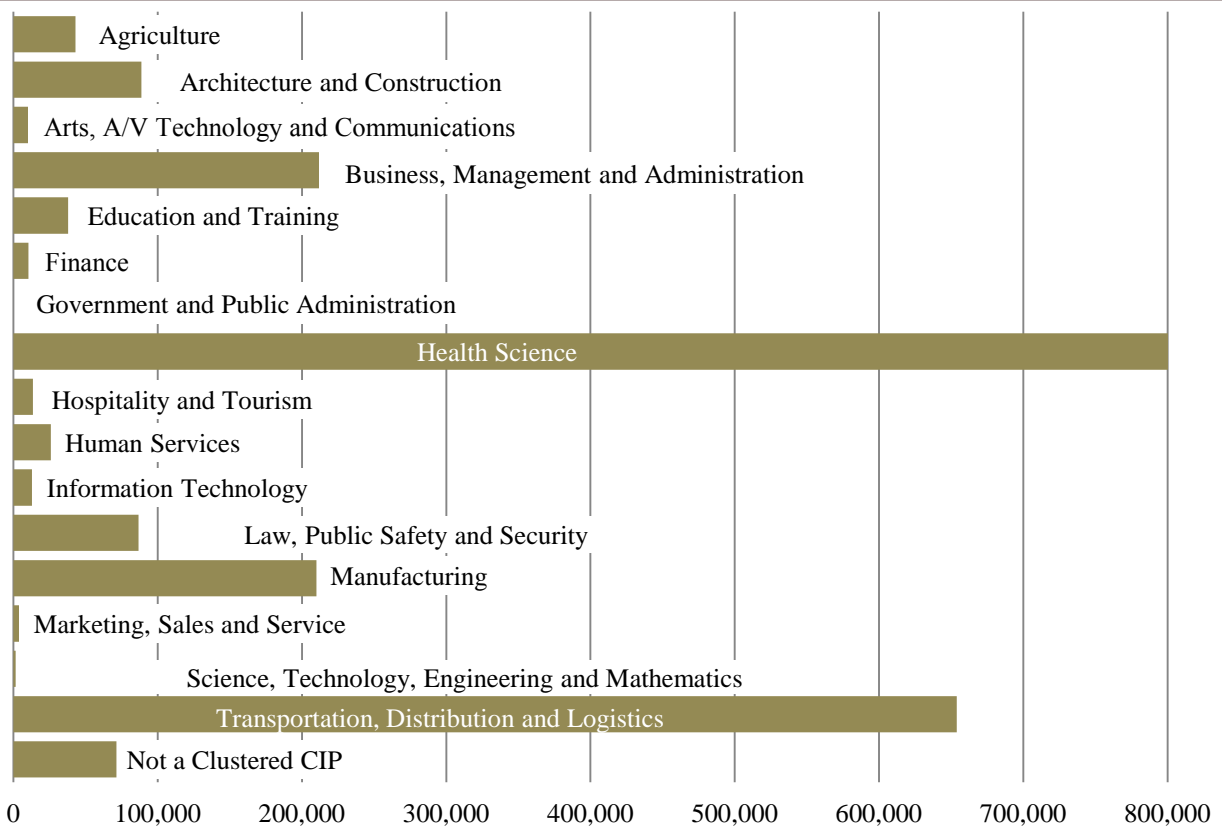
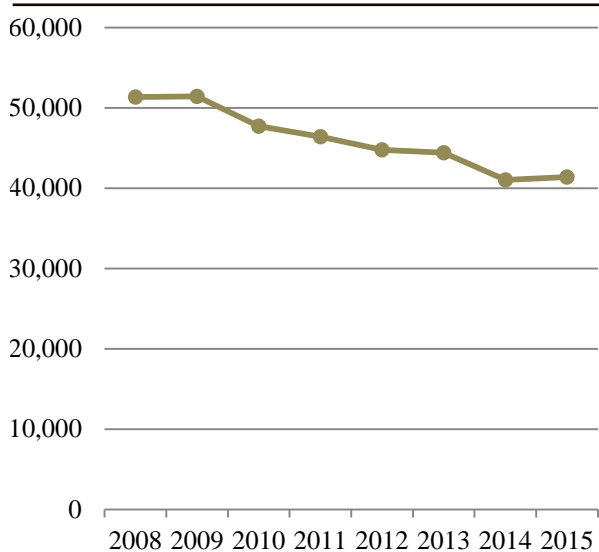


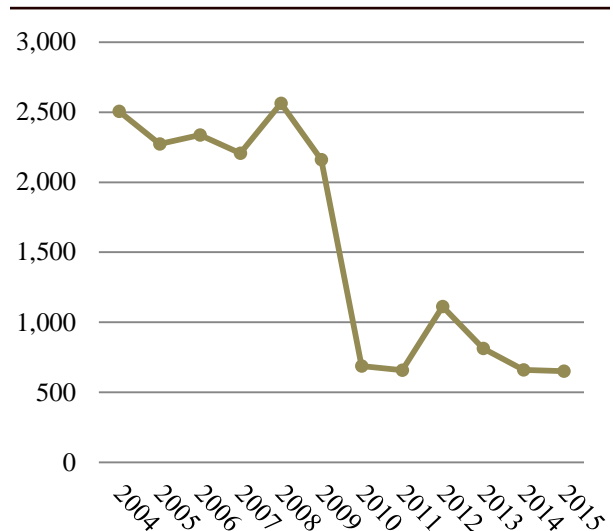
Figure 8-9: State and federally mandated, recognized, court ordered or referred enrollment: 2008-2015.



Non-Credit Drinking Drivers (DUI) Course Enrollment

The Iowa course for drinking drivers is the state-mandated course for drivers convicted of driving while under the influence of drugs and/or alcohol. Iowa

Figure 8-10: MSHA enrollment: 2004-2015.



community colleges and private providers, licensed through the Iowa Department of Public Health, offer the state-approved program. Enrollment in drinking driver education courses decreased an average of 3.8 percent annually between 2011 and 2015, with a corresponding 4.9 percent decline in contact hours (Figure 8-12).

Figure 8-11: State/federal mandated, recognized, court ordered/referred programs.

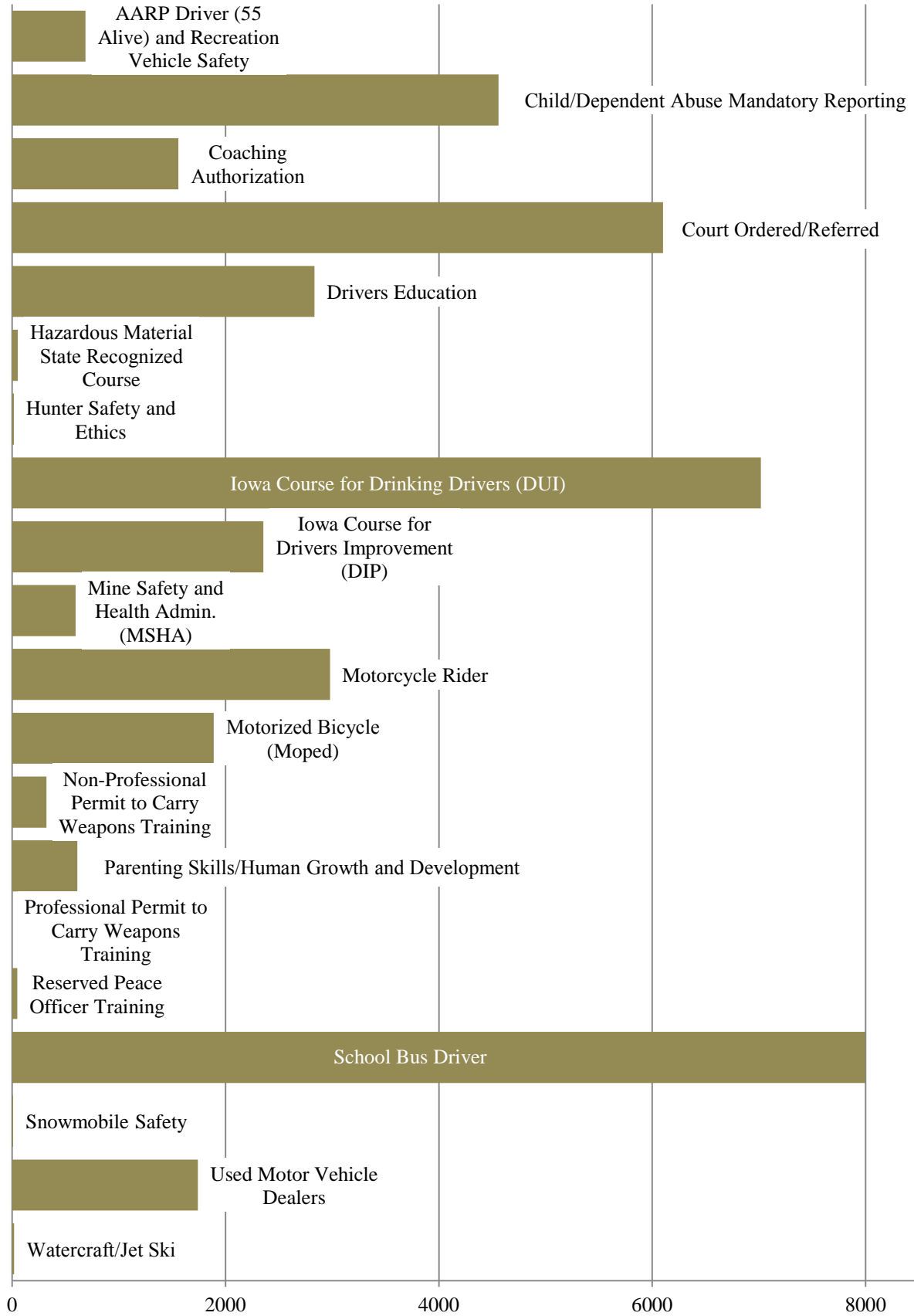
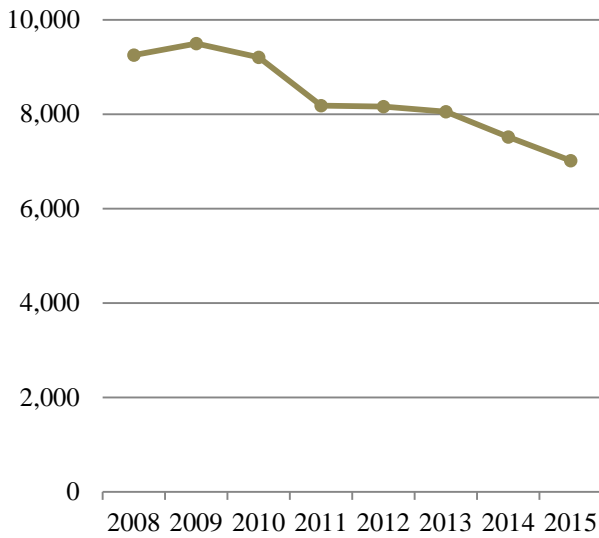


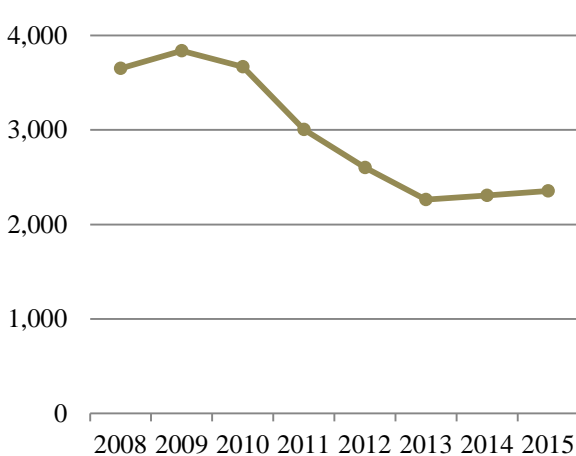
Figure 8-12: Iowa drinking driver course enrollment: 2008-2015.



Non-Credit Driver Improvement (DIP) Enrollment

Iowa course for driver improvement (DIP) is the state mandated course designed for persons who have committed a serious violation of a motor vehicle law in Iowa. Iowa community colleges provide the program with the assistance from the Iowa Department of Transportation. Despite an increase in enrollment for 2015 of two percent, enrollment has decreased an average of 5.9 percent annually from FY 2011 through FY 2015 (Figure 8-13). Contact hours for the driver improvement courses also decreased. From the previous year, there was a 0.7 percent increase in contact hours but a 6.2 percent average decrease between program years 2011 and 2015.

Figure 8-13: Iowa driver improvement enrollment: 2008-2015.

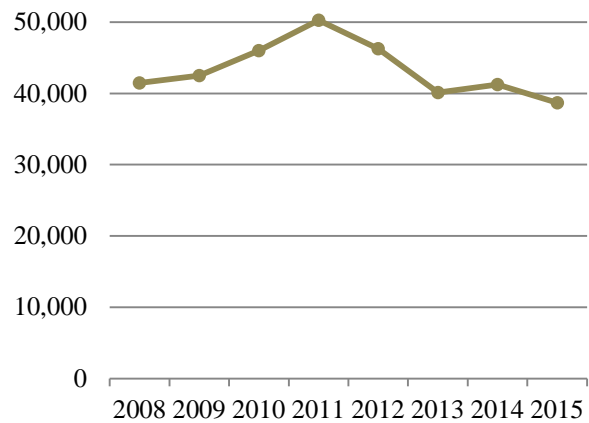


Recertification and Licensing

The coursework under this category is designed for individuals employed in occupations that may or may not require a four-year degree and whose positions require them to be recertified or relicensed to maintain employment (e.g., chemical application, insurance). The recertification or relicensing is coursework that does not lead to an additional degree. Of the 38,697 students enrolled in recertification and licensure coursework in 2015, 81.7 percent were in healthcare related courses, including practical nursing, EMT paramedics and Allied Health services.

Overall, recertification and licensure enrollment decreased by 6.2 percent in 2015 from the previous year. In this category, average annual enrollment between 2011 and 2015 declined by 6.8 percent (Figures 8-14 and 8-15).

Figure 8-14: Recertification and licensing enrollment: 2008-2015.



Used Motor Vehicle Dealer Education

The Used Motor Vehicle Dealer coursework ensures pre-licensing requirements, established in Iowa Code (Chapter 21) in 2009, are met for used auto dealers in Iowa. The curriculum is delivered through continuing education departments at Iowa community colleges. The number of students enrolled in used auto dealer courses is cyclical as illustrated in Figure 8-16. Fiscal year 2015 resulted in a 750.9 percent increase with 1,742 students enrolled; however, the average enrollment has only increase by 2.6 percent from 2011 to 2015. Contact hours increased an average of 2.3 percent from 2011 to 2015, consistent with the pattern of the enrollment changes between program years.

Figure 8-15: Recertification and licensing programs.

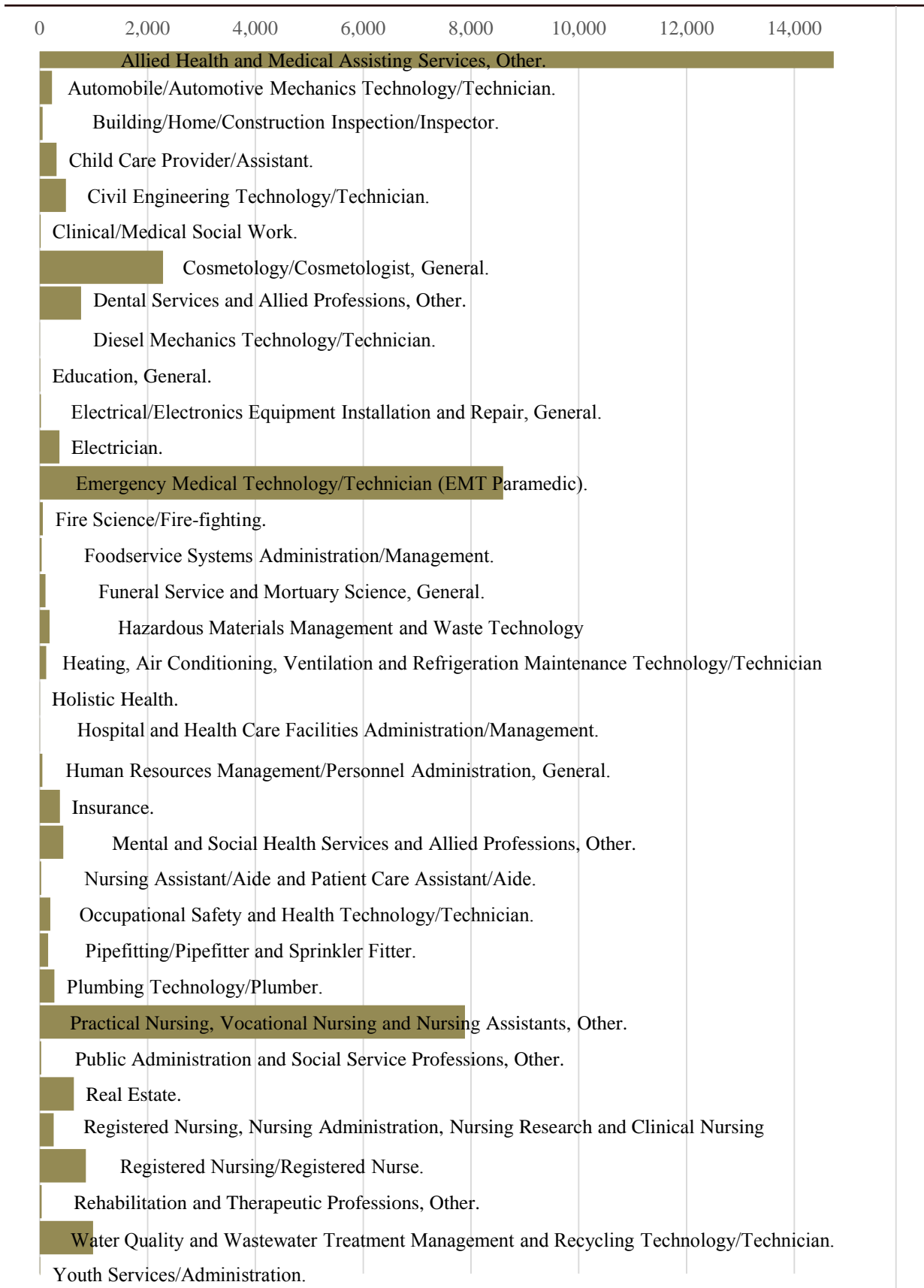
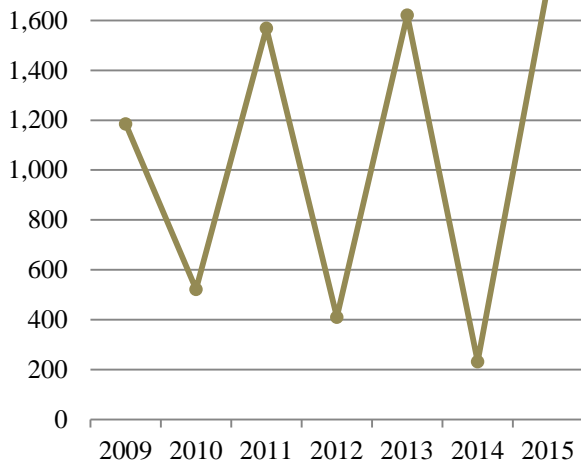


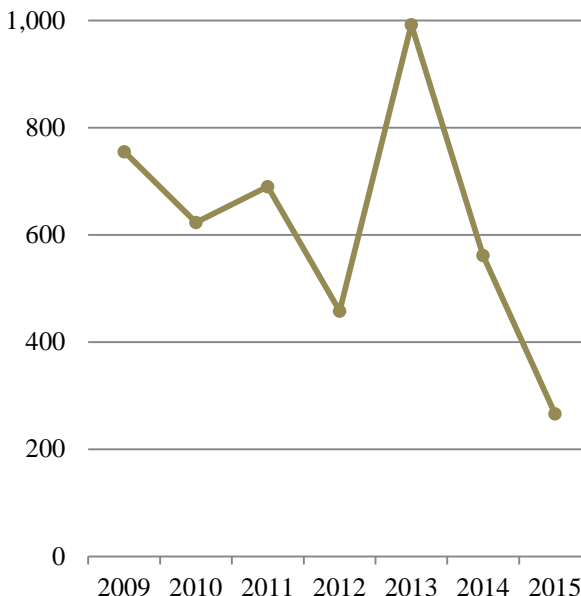
Figure 8-16: Used motor vehicle dealer education enrollment: 2009-2015.



Community and Public Policy

Community and Public Safety Policy is a program that focuses on the systematic analysis of public policy issues and community decision processes. Classes include instruction in the role of economic and political factors in public decision-making and policy formation, and microeconomic analysis of policy issues. Enrollment in Community and Public Policy programs for FY 2015 decreased by 47.3 percent with 266 enrolled. Overall, there has been an average decrease of 21.2 percent annually from 2011 to 2015 (Figure 8-17).

Figure 8-17: Community and public policy enrollment: 2009-2015.

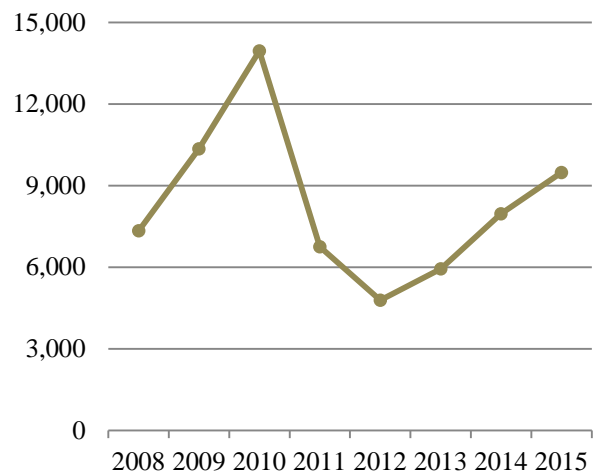


Online Non-Credit Courses

Online non-credit enrollment increased in 2015 by 19 percent from the previous year (Figure 8-18). Average enrollment between 2011 and 2015 has increased by 8.9 percent with contact hours increasing over the same five year period by 4.5 percent. Students in 2015 averaged 22.7 contact hours each.

Overall, 4.1 percent of all students enrolled in non-credit coursework received it through online delivery in 2015.

Figure 8-18: Online courses delivered: 2008-2015.



Community Rehabilitation and Sheltered Workshops

Iowa community colleges deliver programs for people in community rehabilitation centers (sheltered workshops). Enrollment in these programs continues to decrease an average of 24.8 percent annually between 2011 and 2015 (Figure 8-19). Only one college reported enrollment and contact hours (10,860 hours) in sheltered workshops for 2015.

Enrollment in Correctional Institutions

Iowa community colleges delivered non-credit coursework to residents of correctional institutions to enhance the life skills, academic skills, and employability success of criminal offenders. Enrollment in 2015 was 2,088 students, a decrease of 7.4 percent (Figure 8-20). Average decrease in enrollment for the past five years has been 9.3 percent.

Figure 8-19: Community rehabilitation and sheltered workshop enrollment: 2008-2015.

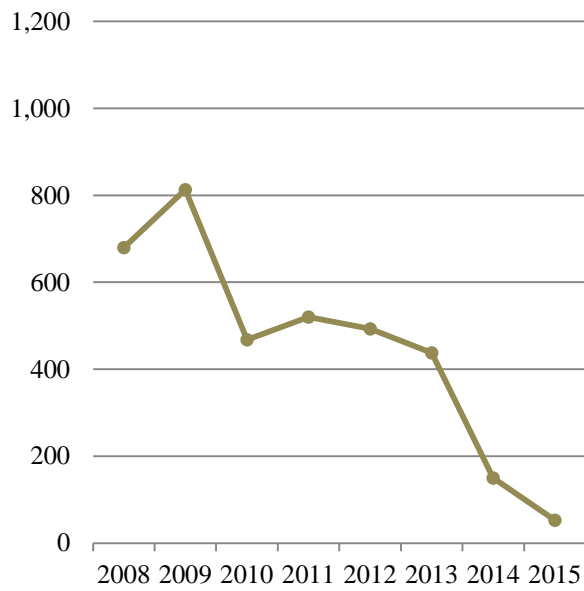
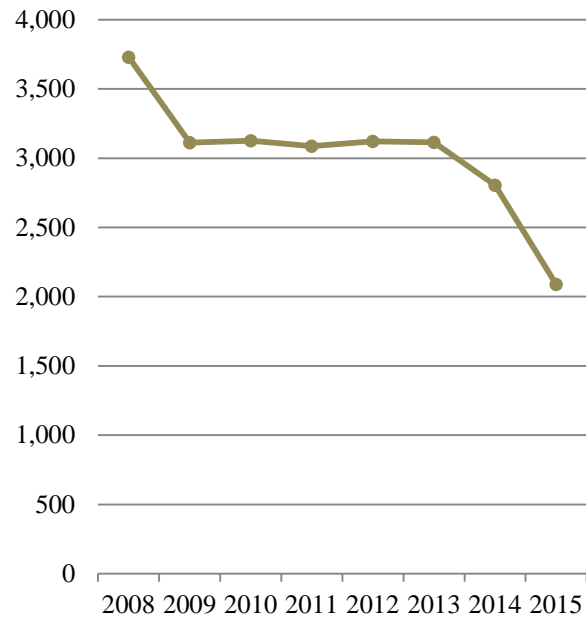


Figure 8-20: Enrollment in correctional institutions: 2008-2015.



9

ADULT EDUCATION AND LITERACY ENROLLMENT AND PROGRAMS

The federally-funded adult education and literacy programs administered by the Iowa Department of Education’s Division of Community Colleges provide lifelong educational opportunities and support services to eligible participants. Programs assist adults in obtaining the knowledge and skills necessary for work, further education, family self-sufficiency, and community involvement. Iowa’s adult education and literacy (AEL) programs are delivered through the state’s 15 community colleges.

By improving the education and skill levels of individual Iowans, the programs enhance the competitiveness of state’s workforce and economy. Through non-credit instruction in adult basic education (ABE), adult secondary education (ASE) and English as a Second Language (ESL), programs help learners to:

- gain employment or better their current employment;
- obtain a high school equivalency diploma by passing the state approved assessment;
- attain skills necessary to enter postsecondary education and training;
- exit public welfare and become self-sufficient;
- learn to speak, to read, and to write the English language;
- master basic academic skills to help their children succeed in school;
- become U.S. citizens and participate in a democratic society; and
- gain self-esteem, personal confidence, and a sense of personal and civic responsibility.

ABE, ASE, and ESL levels of instruction are classified in the Community College Management Information System (MIS) as Basic Skills, Developmental and Remedial Education, High School Equivalence Program, and Second Language Learning. Total adult education and literacy enrollment data collected through the MIS includes all students who attended at least one 50-minute class period.

The National Reporting System (NRS) is the accountability system for the federally-funded Adult Education and Family Literacy Act (AEFLA), state administered adult education program. The NRS specifies parameters for students to be included in reports to the U.S. Department of Education’s Office of Career, Technical, and Adult Education (OCTAE). Eligibility for enrollment includes persons that are at least 16 years

ADULT LITERACY ENROLLMENT

NUMBER OF STUDENTS: **19,464** DECREASE SINCE LAST YEAR: **1.0%**

STUDENTS REPORTED PER NRS REQUIREMENTS: **12,203** INCREASE SINCE LAST YEAR: **22.1%**

of age and not enrolled or required to be enrolled in a secondary school under Iowa Code Chapter 299.1A; and meet one of the following:

- 1) lack sufficient mastery of basic educational skills to enable them to function effectively in society;
- 2) do not have a secondary school diploma or a recognized equivalent, and have not achieved an equivalent level of education; or
- 3) are unable to speak, read, or write the English language.

While only a portion of the overall population served by AEL programs, this subset represents learners that are assessed for achieving follow-up core measures fundamental to academic and vocational success, including education level gains, achieving their secondary diploma, entering and retaining employment, and transitioning to postsecondary or training.

In FY 2015, AEL program enrollment was 19,464 (Figure 9-1), with an unduplicated headcount of 17,773. However, the data management system used to report for federal accounting purposes consisted of 18,321 participants. Of these students, 12,203 were eligible for, and therefore included in, federal year-end reporting based on the NRS requirements (Figure 9-2).

MIS unduplicated enrollment decreased an average of 8.7 percent annually from fiscal year 2011 to 2015. The greatest category of decrease was in the High School Equivalency Program, averaging a 27.5 percent decline over the past five years. Enrollment in Basic Skills, and Developmental and Remedial Education increased by 205 students since last year, but has averaged a 6.6 percent decrease from 2011 to 2015.

Figure 9-1: Adult literacy program enrollment (MIS): 2011-2015.

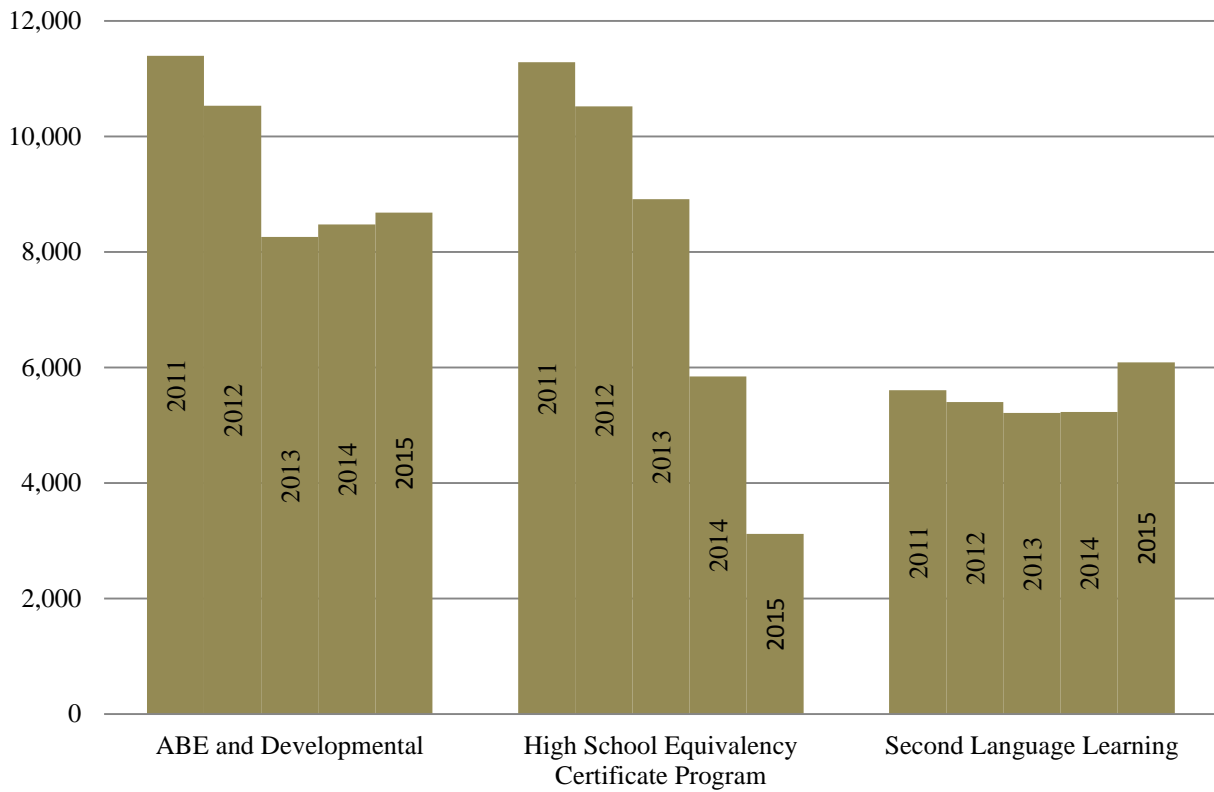
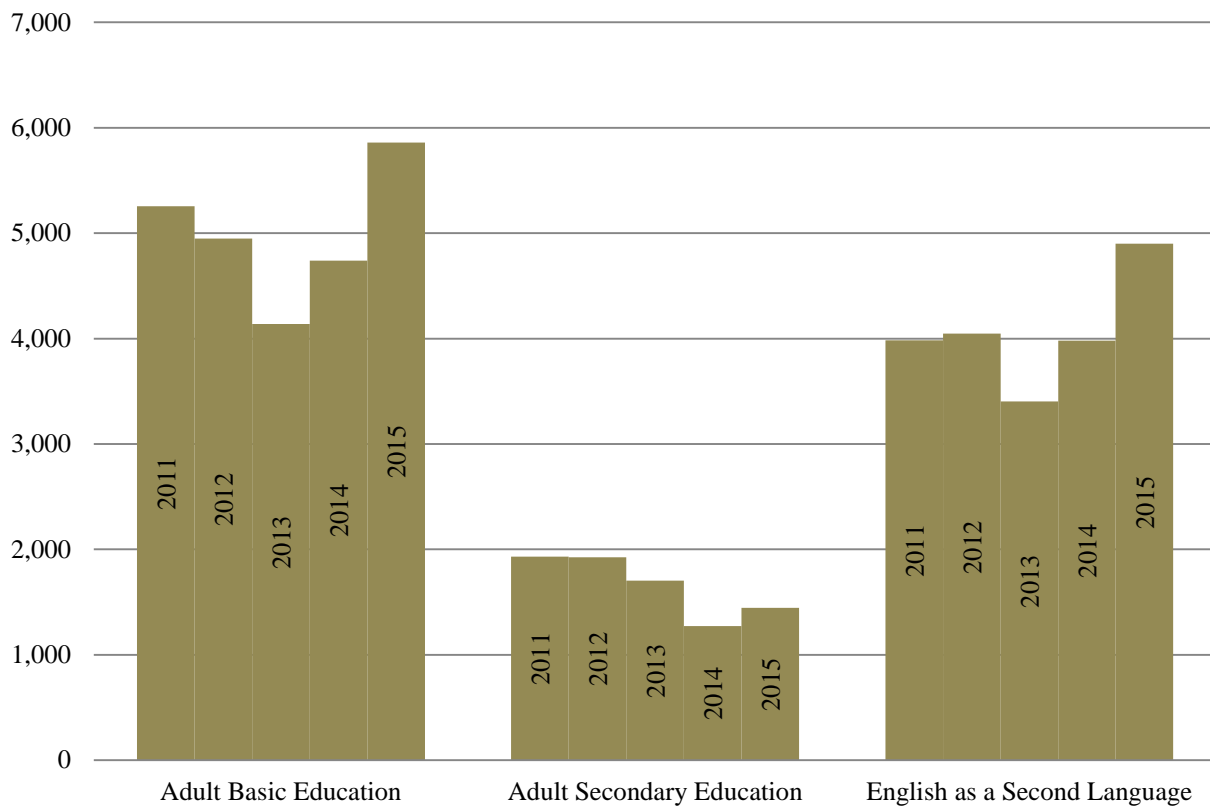


Figure 9-2: Program enrollment as reported on NRS: 2011-2015.



NRS Enrollment in Instructional Programs

Adult education and literacy instructional programs represent a progression of basic skill attainment as defined by the NRS educational functioning levels. Each level has a description of basic reading, writing, numeracy, and functional and workplace skills that can be expected from a person functioning at that level. The levels for ABE are beginning literacy, beginning basic education, low and high intermediate basic education. ASE has only two levels, low and high. The six ESL levels are beginning literacy, low beginning ESL, high beginning ESL, low and high intermediate ESL, and advanced ESL. ABE instruction had the most enrollees in 2015 with 5,859 participants; 48 percent of the total enrollment. ESL was the second largest group of participants with 4,899 participants, while ASE represented 12 percent with 1,444 enrollees (Figure 9-2). There has been a five year average increase of 5.3 percent in ESL enrollment.

Of those that were enrolled in 2015 and federally reported, 50 percent were female and 35 percent self-identified as White. Thirty-one percent of participants identified themselves as Hispanic or Latino, 19 percent as Black or African American, and 12 percent as Asian. The remaining three categories (Native American, Hawaiian or Pacific Islander, and two or more races) combine to about three percent of the participants (Figure 9-3).

The largest age group served by AEL programs ranged between 25-44 years of age, with 49 percent in this

category. The next largest group, 19-24, accounted for 26 percent. The 45-59 age group had 1,576 participants which was slightly higher than the 16-18 age group with 1,208 participants (Figure 9-4).

Additionally, optional demographic information is collected from participants in the AEL program that can assist program coordinators in directing resources to target needs. The three highest optional secondary status measures, as indicated upon entry into the AEL program, included the following: self-identified as receiving public assistance (892); self-identified as a single parent (958); and self-identified as being a dislocated worker (60). It is important to note that a participant might indicate more than one status measure.

Core Outcome Measures

The five NRS core outcome measures are educational gain, high school equivalency diploma, entered employment, retained employment, and entered postsecondary education. Iowa is measured based on performance in these categories. The U.S. Department of Education negotiates a target for program effectiveness and outcomes, in part, by whether these targets are met. This section presents information on each of these targets.

Educational Gain – This measure represents the primary purpose of the AEL programs, which is to improve the basic literacy skills of participants. The

Figure 9-3: Adult education and literacy student racial and ethnic background.

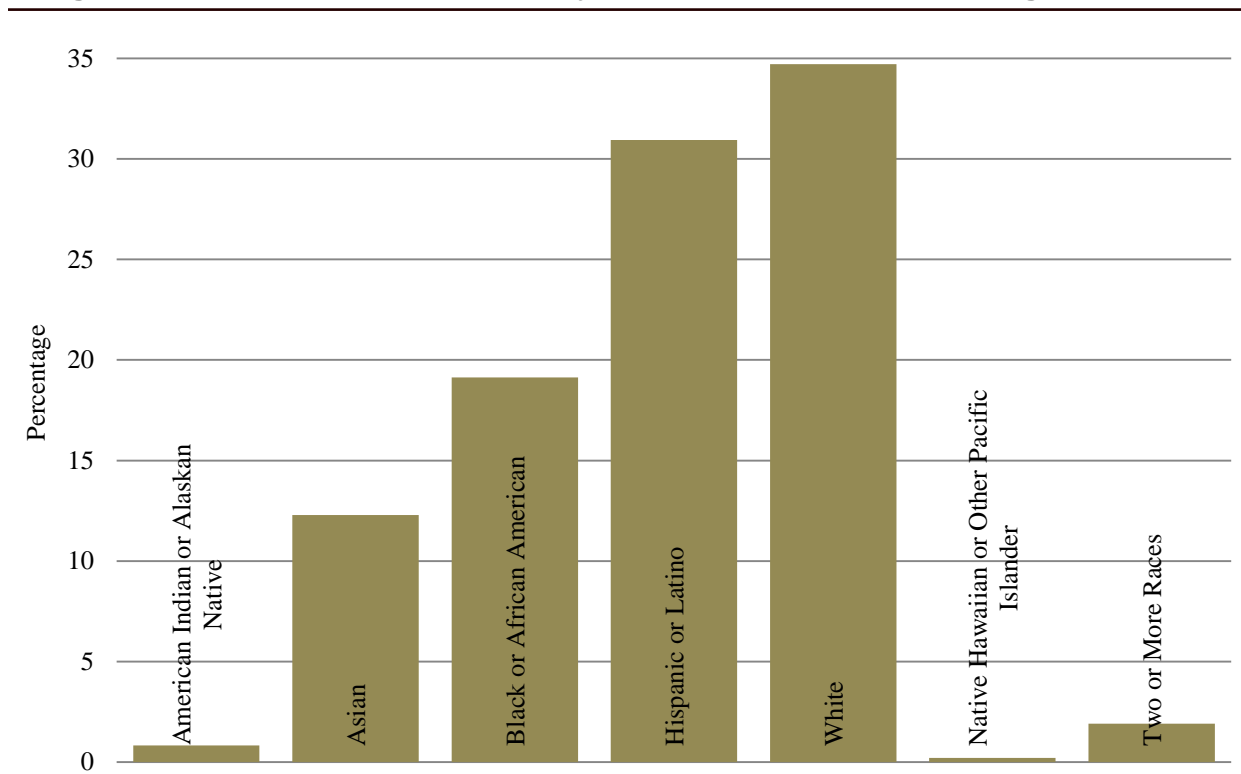
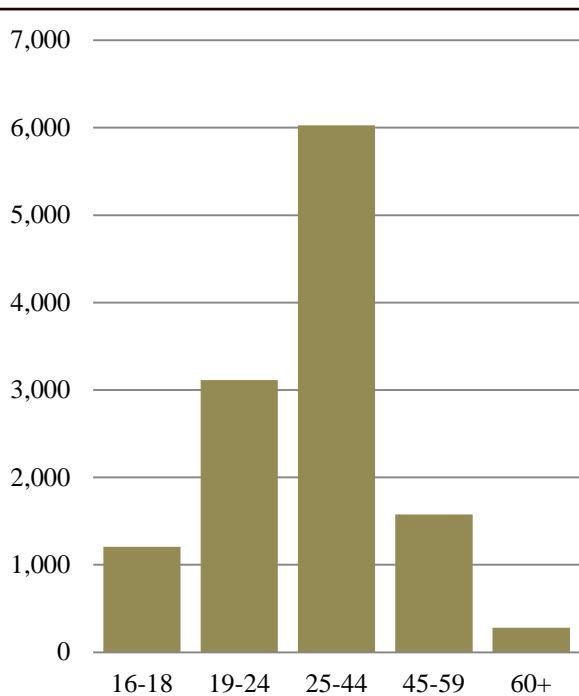


Figure 9-4: NRS enrollment by age.



NRS’s approach to measuring educational gain is to define a set of educational functioning levels at which students are initially placed based on their abilities to perform literacy-related tasks in specific content areas. Iowa’s AEL program uses the federally-approved Comprehensive Adult Student Assessment System (CASAS) to assess all incoming students for grade-level placement. After 70-100 hours of instructional intervention (or a minimum of 40 hours), students are again assessed to determine their skill levels. If their skills have improved sufficiently to be placed one or more levels higher, an “advance” is recorded for that student. Of the 12,203 reported in NRS, 70 percent self-identified their highest level of school completed as between the 9th and 12th grade. Those reporting their highest level of school completed was between 6th and 8th grade was the second largest grouping (14 percent) (Figure 9-5).

In 2015, 7,720 participants (63.3 percent of total NRS reported), persisted beyond the minimum hours of instruction and took a post-assessment. This represents an increase from 2014, in which only 55.3 percent of the 9,991 NRS reported participants persisted. Of those that persisted in 2015, 5,370 completed or advanced at least one educational functioning level in the fiscal year. Over 35 percent (1,856) of the participants advanced multiple levels (Figure 9-6).

High School Equivalency Diploma – For many participants in adult education and literacy programs, the main goal is to achieve a high school equivalency diploma. To qualify for the federal cohort, a participant must have completed all five sub-tests (pass or fail)

within the program year or have a qualified enrollment of 11th or 12th grade, and have exited from the program. Of the 12,203 participants, eleven percent (1,396) met this federal reporting (NRS) qualification. Of the 1,396 eligible, 95 percent (1,326) had data available for matching against all recipients of high school diplomas. Of those, 82 percent (1,086) were awarded a high school equivalency and reported federally as having achieved this outcome measure (Figure 9-7). However, the Iowa Department of Education actually awarded a total of 1,942 equivalency diplomas in 2015 for all in-cohort and non-cohort participants.

Entered Employment – Upon enrollment in AEL programs, participants are required to indicate employment status. Of the 12,203 participants reported in the NRS, 1,811 (13 percent) were not seeking employment (Figure 9-8). Fifty percent of the remaining enrollees self-reported as unemployed. To qualify for follow-up within this cohort to NRS, a participant must also exit the program, either by completing instruction or no longer participating. There were 3,549 participants that qualified for consideration in this cohort.

Iowa participates as a data match state by partnering with Iowa Workforce Development for employment wage information. Twenty-three percent of the cohort was not able to be matched due to missing data. However, of the 77 percent (2,733) that was matched, 934 participants (34 percent) were identified as achieving employment within one quarter of exiting the AEL program.

Retained Employment – In 2015, 5,074 of the 12,203 participants reported to the NRS in the AEL programs self-identified as employed. To qualify for follow-up within this cohort, a participant must exit the program, either

Figure 9-5: Highest level of school completed by participants.

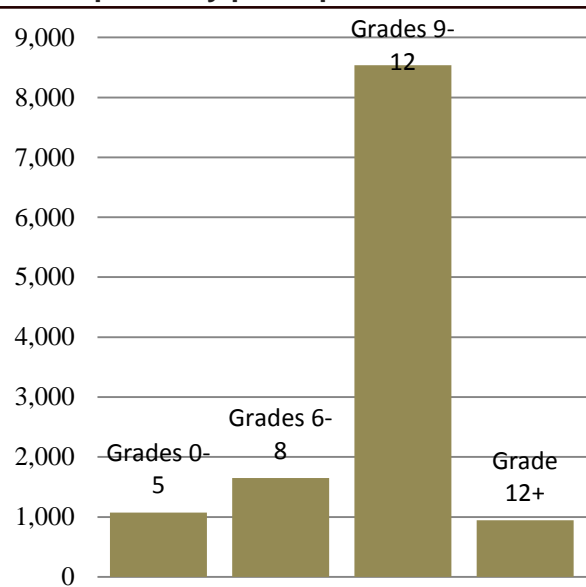
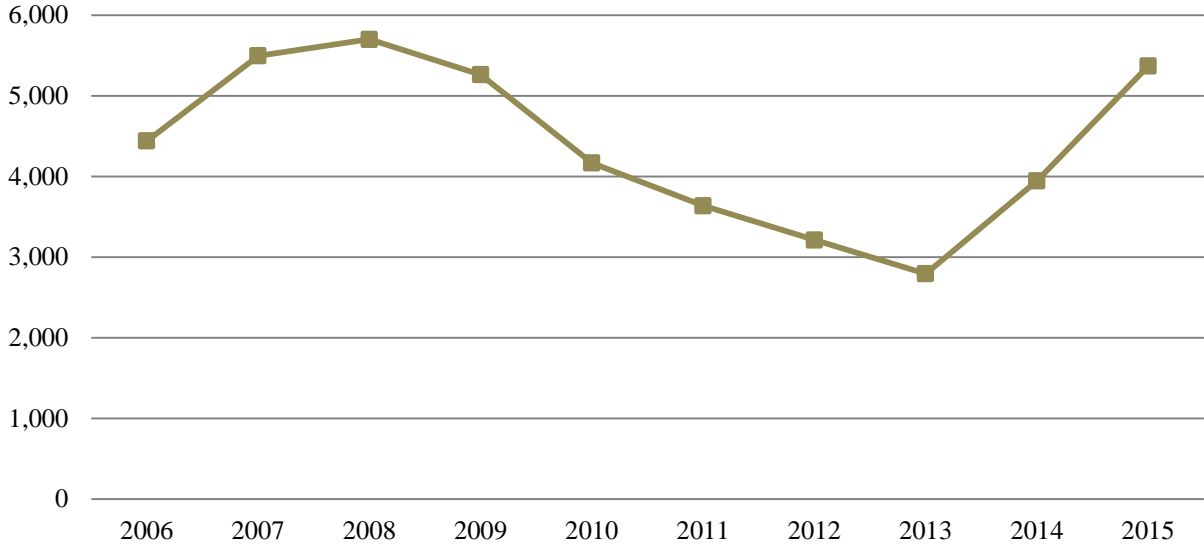


Figure 9-6: Educational functioning level gains as reported on NRS: 2006-2015.



by completing instruction or no longer participating. In addition to these employed participants, all participants from the “entered employment” cohort (934) were added; resulting in 3,480 participants qualified for consideration in the category. With an 83 percent match rate, 2153 (75 percent) participants retained their employment three quarters after their exit from the AEL program.

Entered Postsecondary Education or Training – In this measure the participant must have achieved their High School Equivalency Diploma while enrolled in

AEL programs or have a secondary credential at entry, and exit the program. The participant must then enroll in a transition or postsecondary course, or a training program within the program year. In 2015, there were 2,472 participants eligible for this cohort. With an 88 percent match rate against postsecondary data, 606 (28 percent) entered postsecondary education or training (Figure 9-9).

Figure 9-7: Core outcome measure - awarded secondary diplomas: 2009-2015.

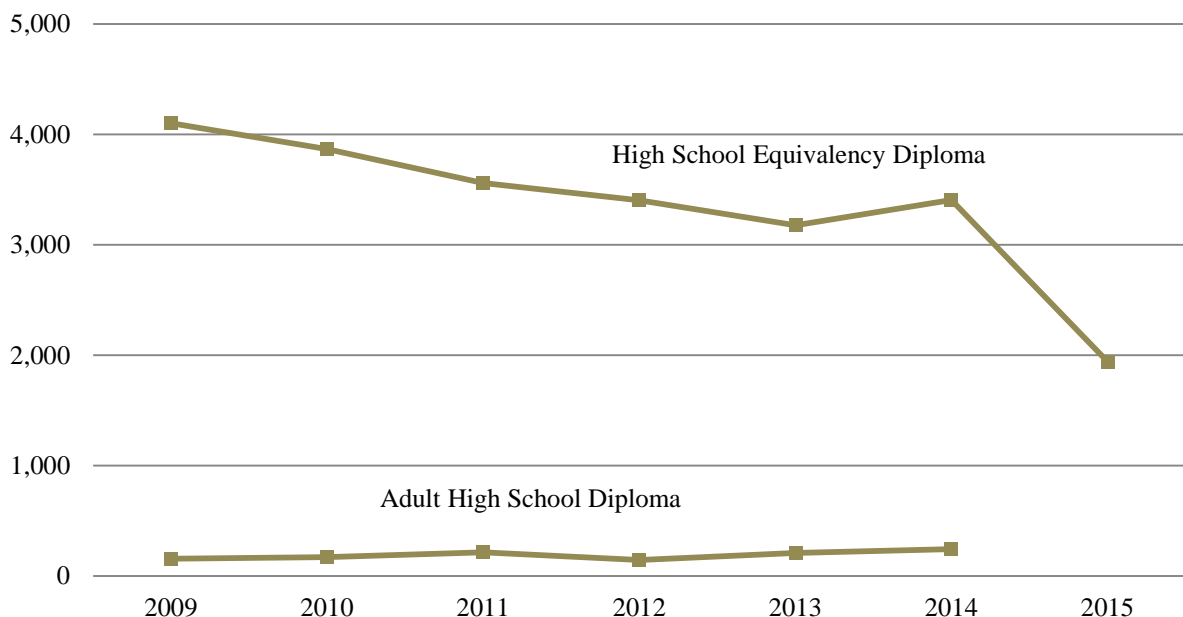
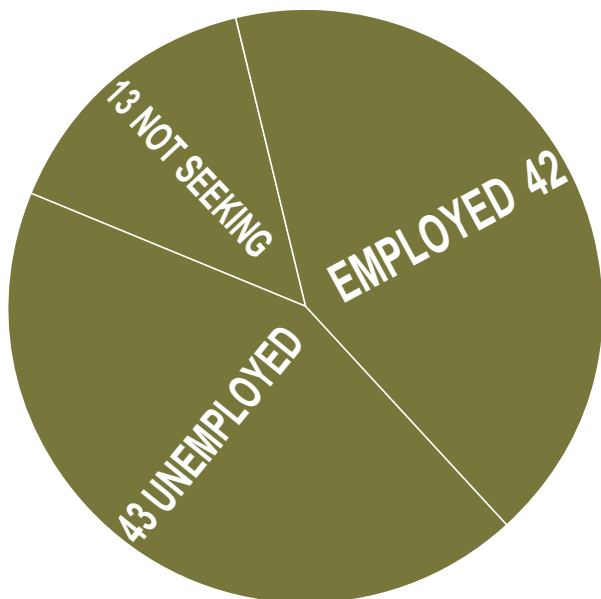


Figure 9-8: Employment status upon entry to program.



Specific Target Populations

Within NRS-reported participants, there are two subsets reported separately: distance learners and participants from corrections. By reviewing the data from each of these subsets, adult education and literacy programs are able to identify patterns and needs.

Distance Learners – This subset includes all participants that received more than 51 percent of their instruction from online curriculum. In 2015, a total of 268 participants were reported as being distance learners. Of those, 168 were enrolled as ABE and 100 were enrolled as ASE participants. One hundred thirty-four participants (50 percent) achieved an educational level gain during the program year.

Corrections – In Iowa, five community colleges work with the Iowa Department of Corrections to provide AEL programs. In 2015, 1,673 participants were included as part of the total enrollment reported in the NRS. While this does not represent all of the adults served, of these participants, 641 (38 percent) achieved an educational level gain and 169 (10 percent) were awarded a High School Equivalency Diploma.

Figure 9-9: Core measure benchmark comparison.

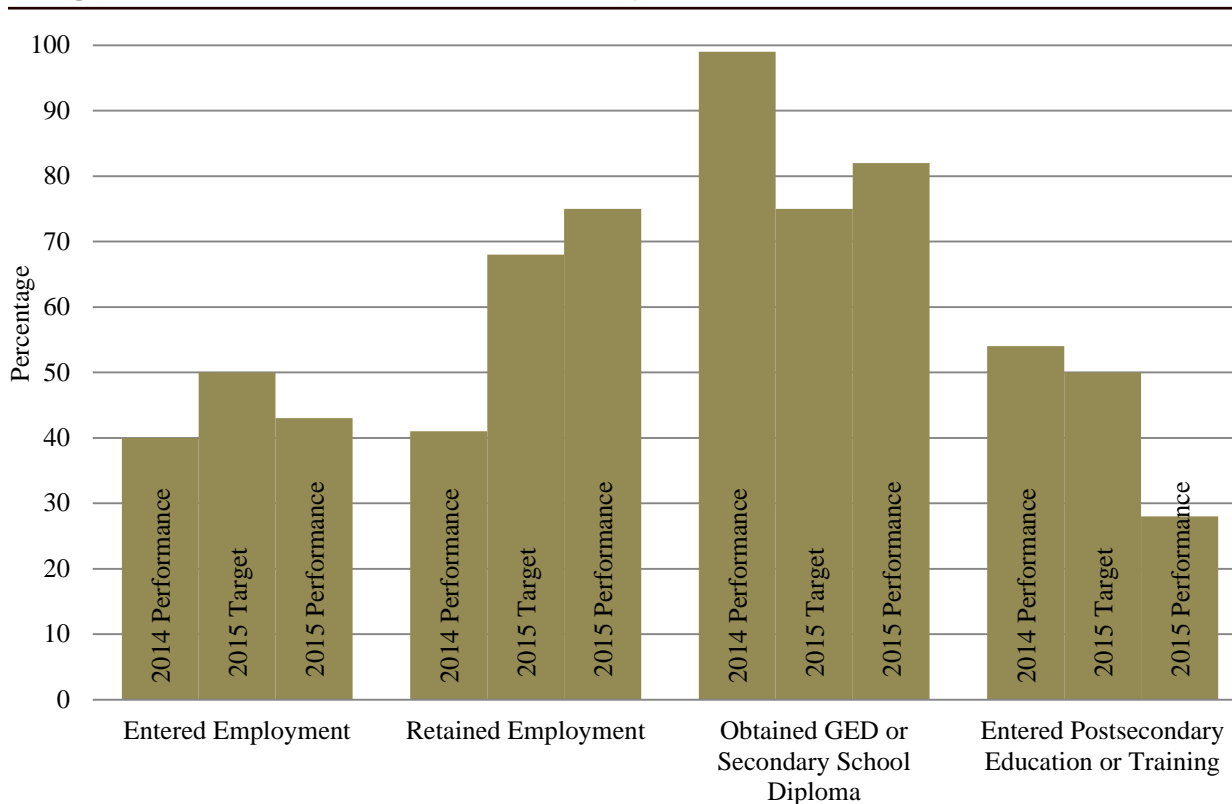
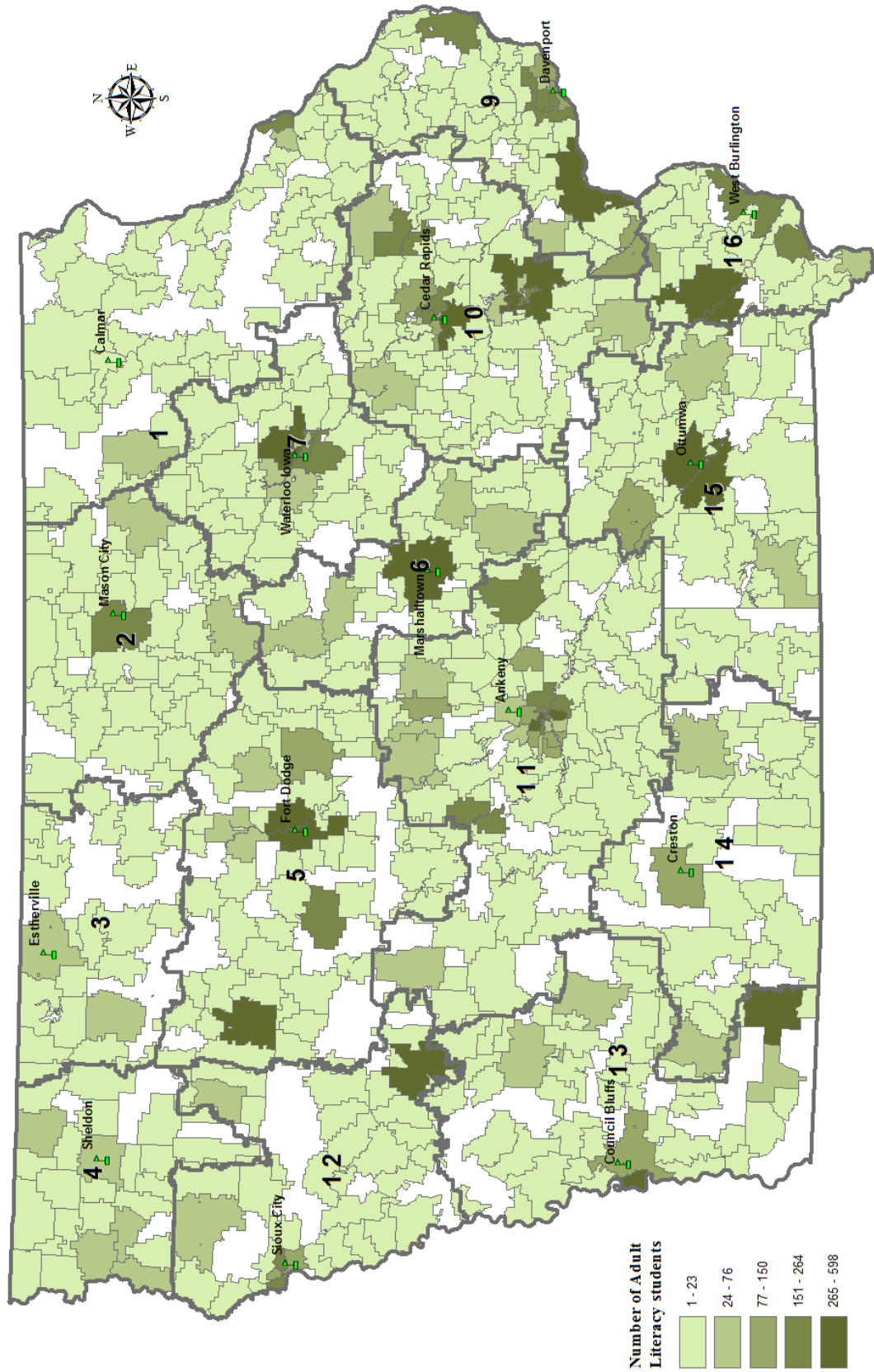


Figure 9-10: MIS-reported adult literacy program enrollment by zip code area: 2015.



Counts include 16,653 Adult Literacy students with valid Iowa ZIP codes. Counts do not include students with not reported ZIP codes or ZIP codes outside of Iowa. White areas represent zip code areas with no reported students.

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10

IOWA SKILLED WORKER AND JOB CREATION FUND

History of Iowa Skilled Worker and Job Creation Fund

In 2013, the Iowa Legislature made an historic investment in a portfolio of education, workforce development, job training, and adult literacy programs designed to address Iowa’s growing shortage of skilled workers. The Iowa Skilled Worker and Job Creation Fund was created to support worker training and job creation efforts, with funding from the state’s gaming industry receipts. This investment allows Iowa’s community colleges to help an increased number of Iowans from all social and economic backgrounds to acquire the skills and industry-recognized credentials needed to secure gainful employment.

The following existing and new community college education, workforce development, job training, and adult literacy programs are supported with this new fund:

- Workforce Training and Economic Development Fund (260C.18A);
- Pathways for Career and Employment Program (260H);
- GAP Tuition Assistance Program (260I);
- Work-Based Learning Intermediary Network (256.40);
- Accelerated Career Education Infrastructure Program (260G);
- Adult Basic Education and Adult Literacy Programs (260C.50); and
- Kibbie Skilled Worker Shortage Tuition Grant Program (261.130).

All of these programs are now under the administrative oversight of the Iowa Department of Education, with the exception of the Kibbie Tuition Grant Program, which is managed by the Iowa College Student Aid Commission, and the Accelerated Career Education (ACE) program managed by the Iowa Economic Development Authority (IEDA).

This section of the Condition Report highlights the Workforce Training and Economic Development Fund, Pathways for Career and Employment Program, GAP Tuition Assistance Program, and the Work-Based Learning Intermediary Network.

Workforce Training and Economic Development (WTED) Fund

The Workforce Training and Economic Development (WTED) Fund was established in 2003 as part of the Grow Iowa Values Fund. This fund has become an important source of financing for community college new program innovation, development, and capacity building, particularly for career and technical education.

Allocations from the Workforce Training and Economic Development Fund may be used to support the following community college activities:

- Career academies;
- Career and Technical Education (CTE) programs;
- Entrepreneurship education and small business assistance; and
- General training, retraining, and in-service educational initiatives for targeted industries.

Other programs with separate funding sources may be supplemented with WTED funds, including:

- Accelerated Career Education (ACE) Infrastructure (260G);
- GAP Tuition Assistance Program (260I);
- Iowa Jobs Training (260F);
- National Career Readiness Certification (NCRC);
- National Advanced Manufacturing Certification (NAM); and
- Pathways for Academic Career & Employment (PACE) (260H).

Figure 10-1: FY 2015 WTED fund.

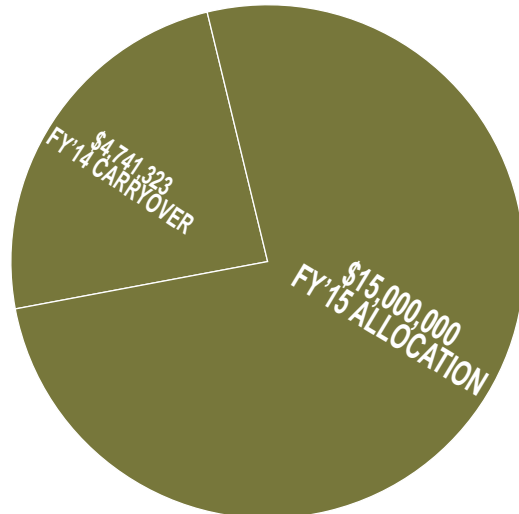


Figure 10-2: WTED percent of expenditures by program.

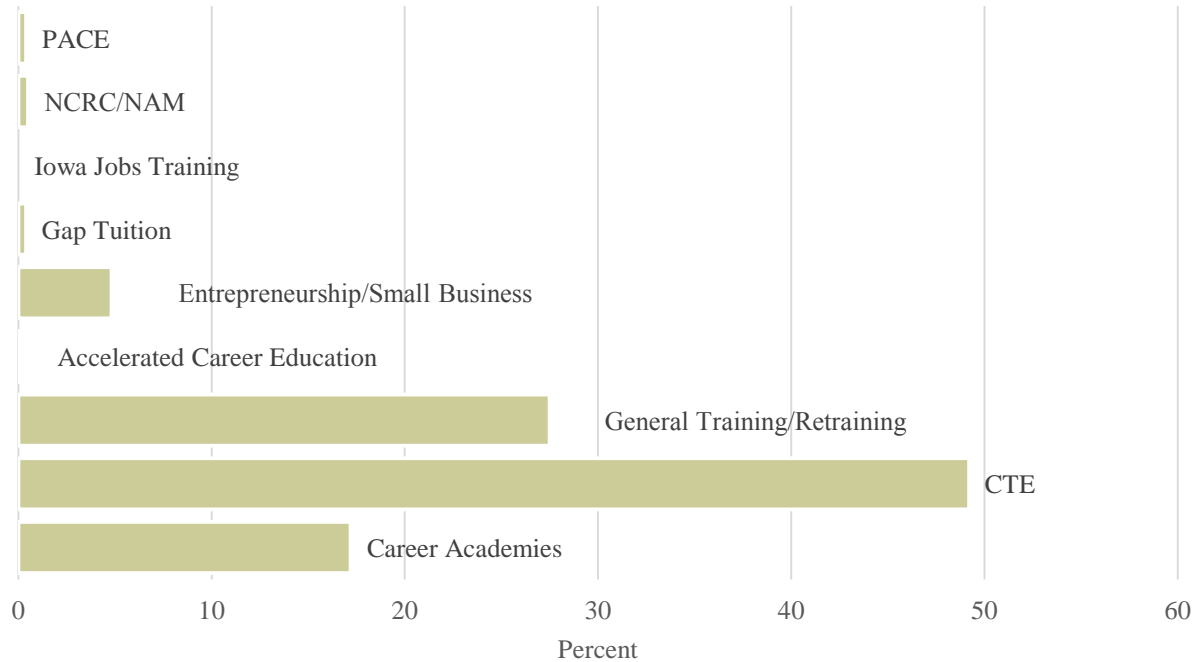


Figure 10-1 represents the total funds available for FY 2015 whereas \$15,000,000 was the allocation for FY 2015 and \$4,741,323 was carry forward from FY 2014, totaling \$19,741,323. Of the \$19,741,323 total WTED funds available for FY 2015, there was \$16,693,185 expended in FY 2015, and \$3,048,138 carried forward as obligated or planned funds for projects in FY 2016.

Pathways for Academic Career and Employment (PACE) Program

The PACE program provides funding to Iowa’s community colleges for the development of academic and employment training programs. An individual must meet one or more of the following criteria to participate in a PACE program:

- deemed by definition to be low skilled;
- earned income at or below 250 percent of the federal poverty level;
- unemployed;
- underemployed; and
- dislocated workers.

In addition to assisting individuals with obtaining gainful, quality employment, PACE programs must be designed to help individuals acquire competency in basic skills and a specific technical field, complete a specified level of postsecondary education, earn credentials of value to employers, and satisfy local and regional economic need.

The Iowa Legislature appropriated \$5 million for the PACE program in FY 2015 and there was \$2,299.819

Table 10-1: PACE budget summary.

	Amount (\$)
Source	
FY 2014 Carry Forward	2,299,819
FY 2015 Allocation	5,000,000
FY 2015 Total Funds	7,299,819
Student Expense Categories	
Financial & Education Support	1,390,135
Personal Support	449,748
Career Support	34,670
College Expense Categories	
Salary & Personnel	3,069,137
Travel	116,099
Supplies & Equipment	234,088
Other	433,981
Regional Industry Sector Partnerships	57,245
Total Expenses	5,785,103
FY 2016 Carry Forward	1,514,716

in carry forward funds from FY 2014 (Table 10-1). Of this appropriation, colleges spent of total a \$5,785,103. Expenses included financial, education, personal, and career support for participants, such as tuition, tutoring, and travel assistance. Colleges may also expend PACE funds on program supports such as staff, travel, supplies, and equipment.

In the student category, \$1,390,135 was spent on

Table 10-2: Summary of PACE participants.

Category	Counts
Number of Completed Applications	5,909
Number of Approved Participants	4,143
Training Activities Pursued	
HSED and Basic Skills Training	1,445
Certificate Programs	2,360
Degree Seeking	1,940
Diploma Programs	578
Total Training Activities	6,323

financial and education support, \$449,748 on personal support; \$34,670 on career support. Additionally, \$3,853,305 was spent on personnel, supplies, equipment and other costs associated with the support of the community colleges. Lastly, \$57,245 was used to support regional industry sector partnerships through the community colleges.

Nearly 6,000 individuals submitted applications to be considered for participation in a PACE program in FY 2015, nearly doubling last year's applications (Table 10-2). Of those applicants, 4,143 individuals were approved to participate. Broken down further, 1,445 individuals pursued their high school equivalence or basic skills training; 2,360 participated in a certificate program; 1,940 in a degree program; and 578 pursued diploma.

Gap Tuition Assistance Program

Gap Tuition Assistance Program (GAP) funding is used by Iowa's community colleges to provide need-based tuition assistance towards the completion of approved continuing education certificate training programs.

Eligibility for the program is based on a number of factors, including financial need. An individual earning an income at or below 250 percent of the federal poverty level satisfies the program's financial need eligibility requirement. In addition, an individual must demonstrate:

- the ability to complete an eligible certificate program;
- the ability to enter a postsecondary certificate, diploma, or degree program for credit, and
- the ability to gain and maintain full-time employment.

Eligible programs must be non-credit, but aligned with a credit certificate, diploma, or degree program. The program must offer training in an in-demand occupation, such as information technology, healthcare, advanced manufacturing, and transportation and logistics.

The Gap Tuition Assistance Program received a \$2 million appropriation from the Iowa Legislature in FY 2015. Including the \$861,426 carried forward from FY

Table 10-3: GAP budget summary.

Source:	Amount (\$)
FY 2014 Carry Forward	861,426
FY 2015 Allocation	2,000,000
FY 2015 Total Funds	2,861,426
Expenses:	
Tuition & Books	2,037,748
Equipment	38,886
Fees, Assessment, Testing	145,917
Staff Support & Services	192,464
Total Expenses	2,415,015
FY 2016 Carry forward	446,411

2014, community colleges had a total of \$2,861,426 to spend over the past year. Table 10-3 shows that in FY 2015, colleges spent a total of \$2,415,015 on tuition and books, equipment, fees and testing, and program staff (allowable expense as of FY 2015). By category, \$2,037,748 was spent on tuition and books, \$38,886 on equipment, \$145,917 on fees, assessments, and testing, and \$192,464 on staff support and services.

Almost 3,300 individuals completed an application to be considered for financial assistance under the Gap Tuition Assistance Program in FY 2014 (Table 10-4). Of these applicants, 1,348 were approved for tuition assistance. At the time of reporting, 1,049 individuals had completed an eligible training program, 180 had failed to complete their training and the remaining 119 approved individuals were either actively participating or waiting to participate in a program. The statewide completion rate in FY 2015 was approximately 85 percent.

There are currently 286 approved certificate programs in which participants of the Gap Tuition Assistance program may enroll. The programs which saw the highest enrollment include certified nursing assistance with 300 participants, commercial driver's license/transportation with 243 participants, and welding with 132 participants. Additionally, there were 660 third-party credentials received by participants following completion.

Table 10-4: Summary of GAP participants.

Category	Total
Number of Completed Applications	3,272
Number of Approved Participants	1,348
Status of Approved Participants	
Completed Training	1,049
Did Not Complete Training	180
Completion Rate, percent	85.4
Number of Earned 3rd Party Credentials	660

Table 10-5: Summary of intermediary participants.

Work Site Core Services (Students)	Intermediary Funds Only	Shared Resources	Total Participants
Internships	549	192	741
Job Shadowing	1,782	2,023	3,805
Student Tours	7,290	2,094	9,384
Other Work Site Experience	1,151	-	1,151
Total Work Site	10,772	4,309	15,081
Work Site Core Services (Educators)	793	21	814
Other Core Services (Career Fairs, Camps, etc.)	32,329	20,312	52,641
Total All Participants	43,894	24,642	68,536

Work-Based Learning Intermediary Network

The Iowa Department of Education was appropriated \$1.45 million for the development and implementation of a statewide work-based learning intermediary network. This funding was awarded on a competitive basis to 15 regional intermediary networks. Funds received from the state through this grant are to be used to develop and expand work-based learning opportunities within each region.

The statewide system of 15 regional intermediary networks will serve within each region as a one-stop contact point for information on work-based learning opportunities, thus helping to better prepare students to make informed postsecondary and career decisions. The 15 regional networks prepare students for the workforce by connecting students, the education system, business, and the community through relevant, work-based learning activities across all 16 career clusters. This achieves the goal of aligning students' career interests with appropriate postsecondary education. The long-term result will be positioning students for successful career attainment.

Some intermediary regional networks have been in operation for a number of years, prior to the creation of the Iowa Skilled Worker and Job Creation Fund, whereas others began operation with the advent of state funding.

FY2015 was the second year of this grant and

resulted in an increase in the awareness of the Statewide Intermediary Network. There has been success in providing a variety of work-based learning opportunities for a broader range of K12 students across all career clusters. In addition, the regional intermediary contacts have developed stronger connections with partners to offer more experiences for students. The FY2015 Work-Based Intermediary Network report includes activities that resulted from these collaborative partnerships.

Work site core services were provided to 10,772 students (from intermediary funding) and an additional 4,309 through other funding sources from partnerships. Work site core services are opportunities that occur at a business or industry site. Furthermore, there were other core services provided to a total of 32,329 students with intermediary funds (career fairs, career camps, NCRC testing, etc.), and an additional 20,312 through collaborative funding sources (Table 10-5).

There were also 793 educators who participated in teacher tours, externships and other teacher experiences.

More information on the programs discussed above may be found on the Department's website:

<https://www.educateiowa.gov/adult-career-community-college/publications>.

11

APPRENTICESHIP

This section discusses apprenticeship programs offered through the community colleges and funded through Iowa Economic Development Authority (IEDA), as well as those apprenticeship programs that were not funded through IEDA. The United States Department of Labor’s, Bureau of Apprenticeship and Training must approve all apprenticeship projects funded through the IEDA.

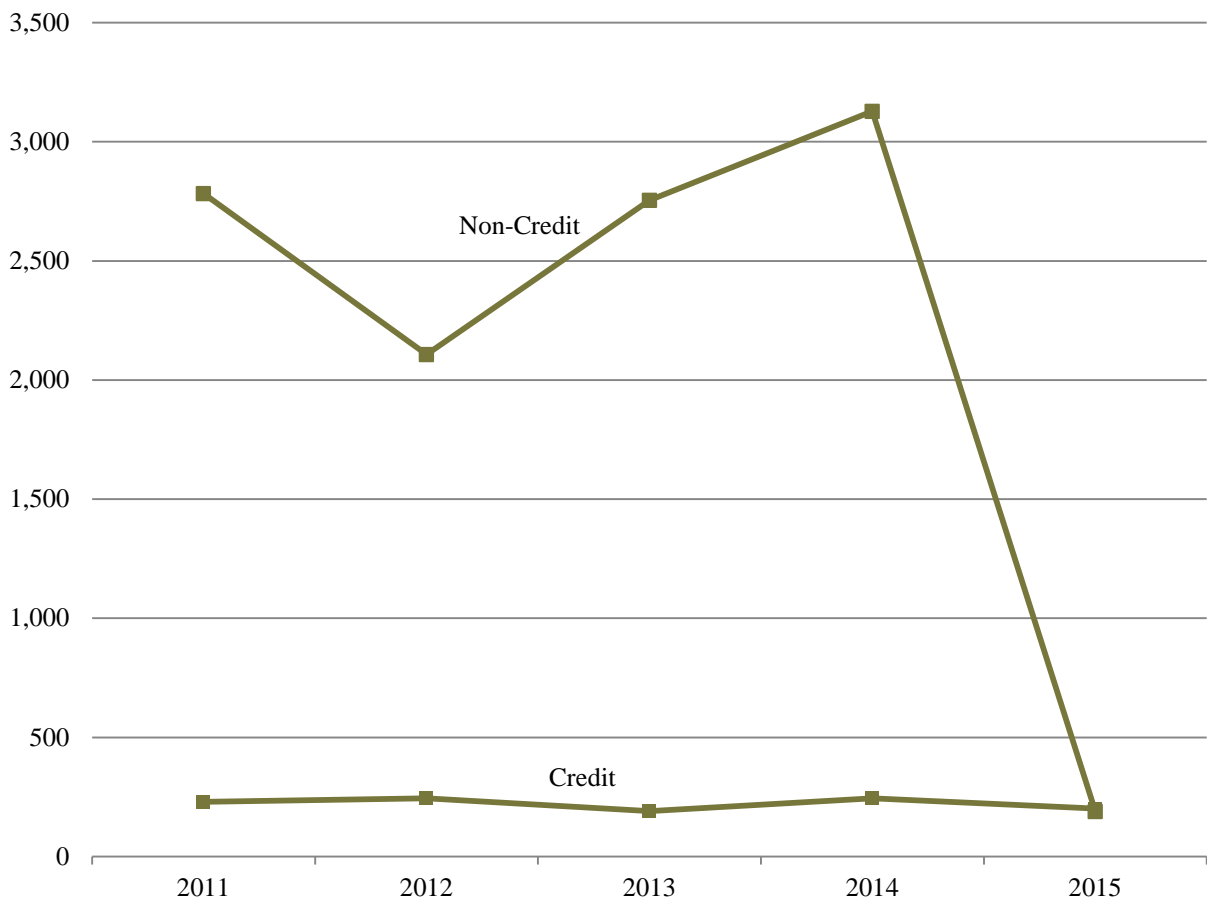
In fiscal year (FY) 2015, the total number of students in all apprenticeship programs significantly decreased from the previous year, dropping from 3,372 to 391 (Figure 11-1). This represents an 88 percent decrease in enrollment from FY 2014 to FY 2015. This drop is

APPRENTICESHIP PROGRAMS	
STUDENTS (NON-CREDIT):	DECLINE SINCE LAST YEAR:
190	↓ 93.9%
STUDENTS (CREDIT):	DECLINE SINCE LAST YEAR:
201	↓ 17.6%

attributed, in large part, to a change in how the IEDA distributes funding to apprenticeship programs.

In the past, funds were funneled through several community colleges to apprenticeship programs, with

Figure 11-1: Apprenticeship program enrollment, credit and non-credit: 2011-2015.



apprenticeship enrollment and contact hours reported through the community colleges. In FY 2015, the IEDA worked directly with businesses conducting apprenticeships to distribute funding. Accordingly, those colleges that did not maintain a formal education and training role in an apprenticeship program showed virtually no enrollment or contact hours in FY 2015 (Figure 11-2).

The number of students in credit apprenticeship programs totaled 201, a decrease of approximately 17 percent from the previous year. Similarly, 2,510 credit hours taken in FY 2015, declined from the previous year (Figure 11-3). Over the previous five years, the number of credit students has declined by 29 and the number of credit hours taken has increased by 1,105.

IEDA-Funded Apprenticeship Programs

The Iowa New Jobs Training Program (260E) assists businesses which are creating new positions or new jobs. Funds available for training through the program depend upon training and development needs and projected tax revenue available to repay the certificates of completion. Applications for this program must be made through the local community colleges. In FY 2015, no students

enrolled in apprenticeship programs funded by the Iowa New Jobs Training Program (260E).

The Iowa Jobs Training Program (260F) provides job training services to current employees of eligible businesses which are located in Iowa. Job training services are defined as any training needed to enhance the performance of a business' employees. This program is administered by the IEDA and services are provided by Iowa's 15 community colleges. Each community college works with eligible businesses to assess training needs, determine availability of funds, and provide training. A total of 190 students participated in an apprenticeship funded through the Iowa Jobs Training Program (260F) in FY 2015. Compared to last year, the number of students participating decreased by 1,921, while the number of contact hours decreased by 372,854.

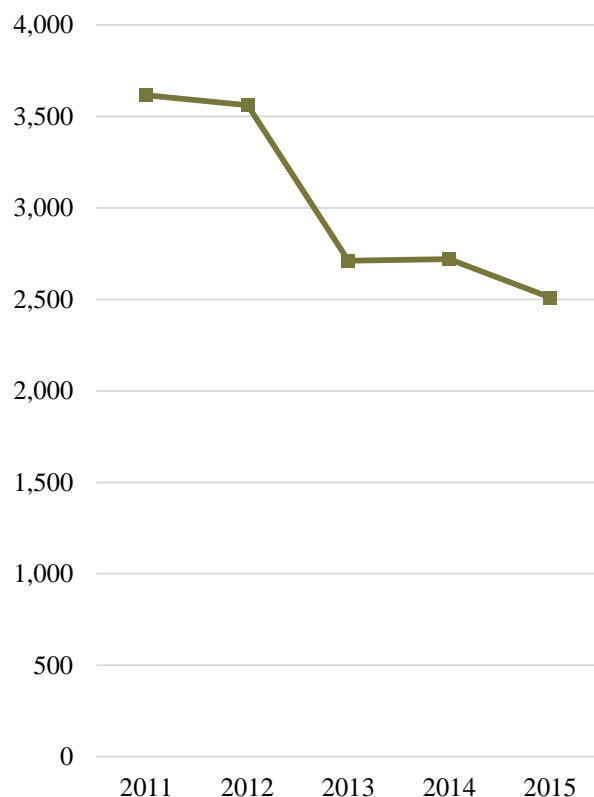
Programs Not Funded by IEDA

A total of 116 students participated in a non-credit apprenticeship program that was not funded by the IEDA in FY 2015. These 116 students enrolled in 20,947 contact hours. Enrollment in non-IEDA apprenticeship programs is up from FY 2014, when 91 students enrolled in such programs.

Figure 11-2: Apprenticeship non-credit contact hours: 2011-2015.



Figure 11-3: Apprenticeship credit hours: 2011-2015.



12

STUDENT SUCCESS

Students enroll in community colleges for several reasons. Some students plan to earn an award such as a diploma or an associate degree, others intend to transfer credits earned at a community college to a four-year college or university. However, graduation and transfer rates are not the only measures of success. For example, improving one's job skills through adult basic education is another measure of success. Adults lacking a high school diploma or equivalent (i.e. GED) are at an economic disadvantage compared to those with higher levels of education. By acquiring new skills and completing adult basic education, students either may enter the labor market or return to it as more economically productive citizens.

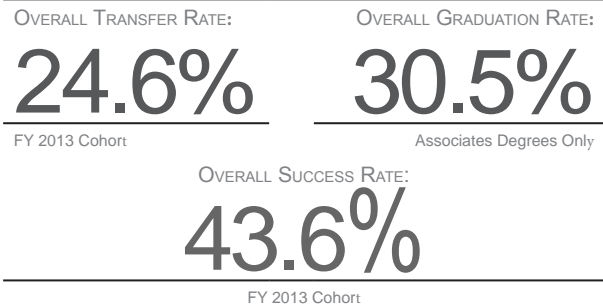
Graduation, Transfer, and Success Rates

Community college data analysts define student cohorts, typically based on their first term of enrollment at a college, and then track their progression to produce various measures of success. For any such cohort, students experience one of the following outcomes:

- transfer to a four-year college or university, but not earn a two-year award;
- earn a two-year award, but not transfer to a four-year college or university;
- earn a two-year award, and then transfer to a four year college or university; and
- neither earn a two-year award nor transfer to a four-year college or university.

This report focuses on the fiscal year 2013 cohort of students who first enrolled in Iowa community colleges in fall semester 2012, and follows their progression for three years (i.e., through June 30, 2015). As Table 12-1

SUMMARY OF SUCCESS



shows, the 2013 cohort consisted of 8,534 students, of which 2,603 graduated with a two-year award, yielding a graduation rate of 30.5 percent. Among these graduates, 1,623 (62.4 percent) *did not* transfer to four-year colleges or universities within the three-year period.

Of the 8,534 students from the 2013 cohort, 2,099 transferred to four-year colleges or universities, yielding a transfer rate of 24.6 percent. Of these transfer students, 1,119 (53.3 percent) transferred without earning two-year awards. The remaining 980 students (11.5 percent) transferred to four-year colleges or universities after earning two-year awards. Overall, 3,722 students from the 2013 cohort transferred, graduated, or graduated and then transferred, yielding a success rate of 43.6 percent. Table 12-2 displays these outcomes by college.

Demographics of Success

Table 12-3 summarizes success rates by race and sex. Of the 8,534 records for the 2013 cohort, 379 had missing demographic data and subsequently were excluded from this analysis. Of the remaining 8,155 students, 3,833 (47.0 percent) were females and 4,322 (53.0 percent)

Table 12-1. Cohort 2013 contingency table, graduation versus transfer.

Graduated ^b	Transferred ^a		Total
	No	Yes	
No	4,812	1,119	5,931
Yes	1,623	980	2,603
Total	6,435	2,099	8,534

^a Students within a cohort who transferred to a four-year college or university within three years.

^b Students within a cohort who earned a two-year award within three years.

Table 12-2. Graduation and transfer outcomes by college.

College	Cohort	N _G ^a	N _T ^b	N _B ^c	N _X ^d	Success rate (%)
Northeast Iowa	416	85	54	33	244	41.3
North Iowa Area	381	78	41	61	201	47.2
Iowa Lakes	425	127	37	64	197	53.6
Northwest	183	62	7	14	100	45.4
Iowa Central	482	50	91	44	297	38.4
Iowa Valley	467	153	0	0	314	32.8
Hawkeye	730	181	97	85	367	49.7
Eastern Iowa	489	74	65	55	295	39.7
Kirkwood	1,843	257	263	229	1,094	40.6
Des Moines Area	843	84	175	71	513	39.1
Western Iowa Tech	238	60	29	11	138	42.0
Iowa Western	876	109	152	124	491	43.9
Southwestern	181	39	19	35	88	51.4
Indian Hills	674	203	55	99	317	53.0
Southeastern	306	61	34	55	156	49.0
Total	8,534	1,623	1,119	980	4,812	43.6

Note: Success rate = ((Cohort - N_X)/Cohort) * 100%

^a Number of students who earned a two-year award, but did not transfer to a four-year college or university.

^b Number of students who transferred to a four-year college or university, but did not earn a two-year award.

^c Number of students who earned a two-year award and then transferred to a four-year college or university.

^d Number of students who neither earned a two-year award nor transferred to a four-year college or university.

Table 12-3. Success rates by race and sex.

Subpopulation	Females			Males			Total		
	Cohort	N	%	Cohort	N	%	Cohort	N	%
American Indian	27	7	25.9	36	8	22.2	63	15	23.8
Asian	78	39	50.0	78	37	47.4	156	76	48.7
Black	340	110	32.4	546	172	31.5	886	282	31.8
Hispanic	266	89	33.5	312	126	40.4	578	215	37.2
Pacific Islander	5	2	40.0	10	2	20.0	15	4	26.7
Two or more	76	32	42.1	71	32	45.1	147	64	43.5
White	3,041	1,383	45.5	3,269	1,547	47.3	6,310	2,930	46.4
Total	3,833	1,662	43.4	4,322	1,924	44.5	8,155	3,586	44.0

Note: Success Rate = (N Success/Cohort) * 100%. This table excludes 379 records with missing demographic data. Refer to appendix A for a more detailed discussion about methods used in this chapter.

were males. Success rate among females (43.4 percent) was slightly lower than the success rate among males (44.5 percent). Additionally, of the 3,586 included in the success rate, females accounted for 46.3 percent while males constituted 53.7 percent.

Of the 2013 cohort students who self-reported demographics, Whites were the majority race making up 77.4 percent, followed by Blacks (10.9 percent), and Hispanics (7.1 percent). The overall success rate among Whites was 46.4 percent; among Blacks, 31.8 percent; and among Hispanics, 37.2 percent. Additionally, of the 3,586 students included in the success rate, Whites accounted for 81.7 percent while Blacks and Hispanic constituted 7.9 percent and 6.0 percent, respectively.

Graduates' Wages

Data published by the U. S. Bureau of Labor Statistics [1] indicate entry-level weekly wages for workers holding associate degrees during the second quarter 2015 was \$535.00, up \$2.00 from third quarter of 2014.

Iowa Workforce Development (IWD) provides “occupational information in the areas of employment, job openings, pay, career preparation requirements, and top skills” for jobs across Iowa [3]. Weekly wages are derived from the Iowa Wage Survey prepared annually by IWD [3]. Data from IWD suggest that the 2014 entry-level salary of Iowa workers in occupations that typically require associate degrees was \$660.80 per week, which is 23.5 percent higher than national entry-level weekly wages. The Iowa Department of Education is currently developing a report that will examine the relationships among community college completion and employment rates and wages.

Adult Basic Education

A primary focus of Iowa’s Adult Basic Education (ABE) program is to help students acquire basic skills so they can earn a high school equivalence diploma, which will subsequently give them access to postsecondary credit education. ABE programs in Iowa’s community college provide many non-credit training opportunities, including skilled training for occupations in high demand. In addition, ABE program participants receive help setting employment goals based on their interests and aptitude. Using results from workforce and basic skills assessments, ABE staff work with participants to determine career readiness and skills needed to obtain a job in a desired field. Iowa tracks participants who indicate their intent to secure or retain employment as a goal during the program year.

In 2015, 606 ABE program participants (30 percent) continued with postsecondary education. During that same period, 43 percent of the participants who were unemployed at the time of entry obtained employment

within one quarter of exiting ABE programs. Furthermore, 75 percent of the participants who were employed retained employment three quarters later.

Time to Award

A research brief published by Complete College America states that students who complete at least 30 semester hours of coursework during their first year “are more likely to graduate on time than students who complete fewer credits per year” [2]. According to the report, “Students who earned...an associate degree in two years completed an average of 29.8 credits [semester hours] in their first year.”

Research by RTI International suggests that the national average time-to-award for an associate degree is 38.7 months [4], equivalent to 3.23 years. This means that a student enrolled in a 64-semester hour program of study is completing fewer than 10 hours per term. Data from CurricuNET indicate that Iowa community colleges require an average 70.1 semester hours for associate degrees. To graduate in four semesters, a student would need to average 17.6 semester hours per term.

The cohort used to calculate time-to-award started with 6,769 records of Iowa community college students who earned associate degrees during FY 2015. Out of these 6,769 records, 3,250 records were excluded because these students were not continuously enrolled over the past five years. After accounting for these exclusions, 3,519 records remained for analysis.

Of the 3,519 remaining records from the cohort, the average time to earn an associate degree was 2.92 years, which is equivalent to 24 semester hours per academic year. Over 40 percent of these students earned associate degrees within two years. After three years, the cumulative graduation rate was almost 72 percent.

References

- [1] Bureau of Labor Statistics. Usual weekly earnings of wage and salary workers, second quarter 2015. News release USDL-15-1431, U.S. Department of Labor, Washington, DC, September 30, 2014.
- [2] Complete College America. The power of 15 credits: Enrollment intensity and postsecondary student achievement. Research brief, Complete College America, Indianapolis, IN, April 2013. Retrieved from <http://completecollege.org/resources/> on December 2, 2015.
- [3] Iowa Workforce Development. Iowa short term occupational projections 2014-2016. Retrieved from <http://iwin.iwd.state.ia.us/>, December 2, 2015.
- [4] RTI International. Average time to a certificate, an associate degree, or a bachelor’s degree: United States. Retrieved from <http://www.completionarch.org/arch/indicator/4TC-28-TTD-US/> on December 2, 2015.

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13

TUITION AND FEES

Each fall, the Iowa Department of Education collects data about tuition and fees from Iowa's community colleges. Institutional data for this report were collected from a survey of community college business officers. National and regional data were collected from the Integrated Postsecondary Education Data System (IPEDS).

Unless noted otherwise, tuition and fees are expressed as dollars per semester credit hour. Any calculations of extended costs assume students are residents of Iowa as defined by Iowa Code [1] and are enrolled in two semesters (fall and spring) of full-time study at 15 semester credit hours per term. Visit <https://www.educateiowa.gov/adult-career-community-college/publications> to read the latest edition of the tuition and fees report.

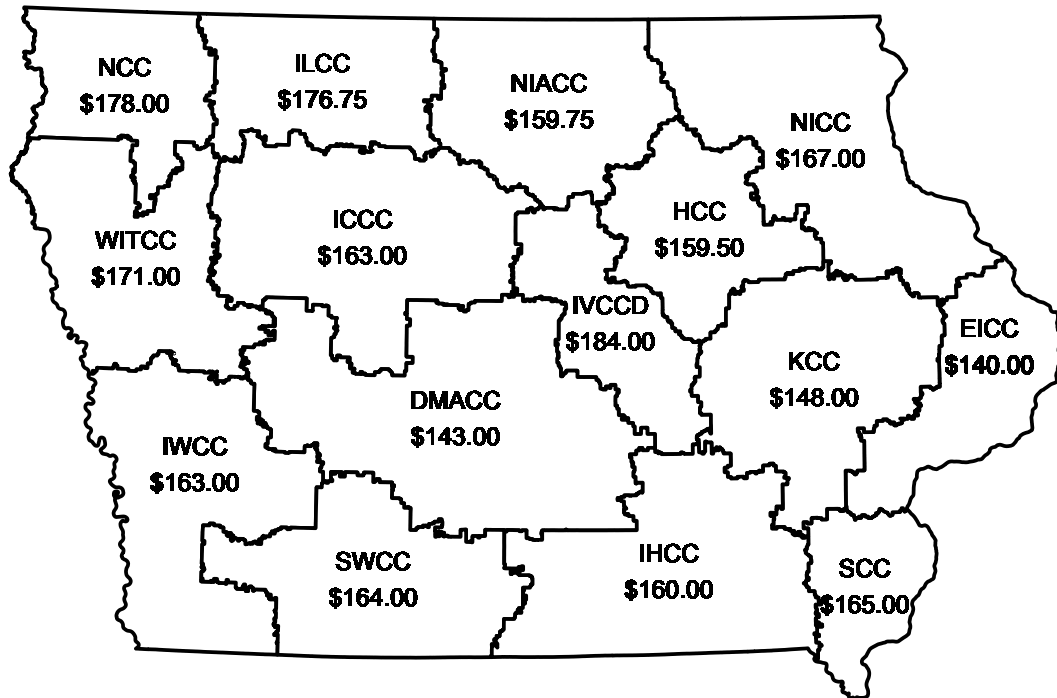
Cost of Enrollment

The sum of tuition and mandatory fees for an academic year defines total cost of enrollment (TCE). This cost does not include expenses such as books, room and board, transportation, or other additional fees.

In FY 2015, the median tuition and mandatory fees per credit were \$151.00 and \$13.50 respectively, yielding a median TCE of \$164.50 per credit. Eastern Iowa Community College (\$140.00 per credit) and Des Moines Area Community College (\$143.00 per credit) have the lowest tuition rates of the 15 community colleges. Neither college assessed mandatory fees, which helped to minimize rates. By comparison, Iowa Valley Community College District had the highest tuition rate (\$184.00 per credit), followed by Northwest Iowa Community College (\$178.00 per credit). Figure 13-1 depicts tuition rates per credit across Iowa.

In fiscal year 2016, a full-time Iowa resident will pay between \$4,200 and \$5,520 for 30 credits depending upon which community college the student attends. Total cost of enrollment increased an average of 4.2 percent from FY 2015. Northwest Iowa Community College had the smallest percentage change in TCE (1.7 percent), whereas Western Iowa Tech Community College had the highest overall increase (13.2 percent). Figure 13-2 depicts distribution of year-to-year changes among Iowa's community colleges.

Figure 13-1: Tuition rates per credit for FY 2016.



Tuition and Fees

Northwest Iowa Community College had the lowest percentage change in tuition only (2.0 percent), whereas Iowa Western Community College had the highest (8.0 percent).

Mandatory fees at Western Iowa Tech College (WITCC) increased almost 90 percent to defray costs associated with a program designed to issue laptop computers to all credit students. This increase in mandatory fees caused WITCC to have the highest overall percentage increase in tuition rates (13.2 percent).

Online Tuition

State policy allows community colleges to establish separate tuition rates for distance education courses that are delivered through a consortium agreement approved by the Iowa Department of Education. This agreement pertains to the Iowa Community College Online Consortium (ICCO) that sets tuition and fees for online courses on behalf of its members. Community colleges that do not participate in the consortium set their own tuition and fees for online courses.

Mandatory Fees

Most community colleges assess mandatory fees that do not include fees applied to specific programs. Mandatory fees were highest at Western Iowa Tech (\$32.00 per credit) and lowest at Southeastern Community College (\$3.00 per credit).

Iowa Lakes Community College assesses students \$10.00 per term for a basic activity fee in addition to its other mandatory fees. Kirkwood Community College has no mandatory fees per credit; however, the college began assessing students a technology fee of \$25.00 per term, effective July 1, 2015.

Revenue Sources

Figure 13-3 illustrates the primary sources of revenue for community colleges since 1980, as percentages of total revenue. In 1980, state and local funds accounted for the majority of college revenue (61.6 percent). However, by FY 2015, revenue from that source had fallen to 38.8 percent. Tuition and fees accounted for the largest share of general operating fund revenues in FY 2015, illustrating the shift from state and local support to tuition and fees.

Between FY 2005 and FY 2014, state support fell from almost 36 percent to just over 34 percent. During this same period, local funding remained relatively unchanged.

Comparisons

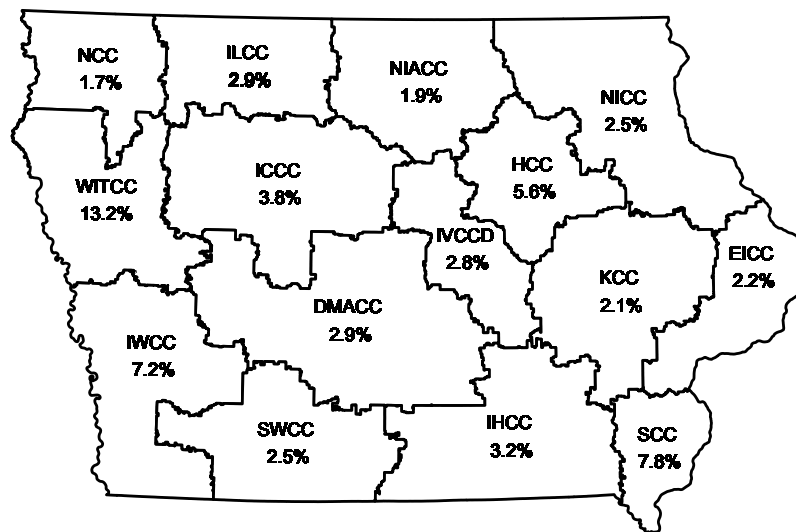
Source data for national and regional comparisons were acquired from IPEDS. National and regional data were collected from 931 public two-year institutions that award associate degrees. IPEDS reports tuition and fees for an academic year, assuming 30 credits per year, with FY 2013 being the latest reporting year.

Data pertaining to Iowa's public universities were collected from tables available on the universities' respective websites. Data pertaining to Iowa's community colleges were collected from a survey of community college business officers.

National

According to IPEDS data, the average annual in-state TCE in Iowa during FY 2013 was \$4,415.31, placing Iowa in the 85th percentile. This means Iowa's average annual in-state TCE was greater than or equal

Figure 13-2: Change (%) in TCE from FY 2015 to FY 2016.



to 85 percent of all reporting states. Figure 13-4 shows that in FY 2013 New Hampshire (\$7,224.14), Vermont (\$5,668.00), and Minnesota (\$5,343.87) had the highest total costs of enrollment. By comparison, California (\$1,237.98), New Mexico (\$1,558.32), and Arizona (\$1,980.20) had the lowest total costs of enrollment.

Regional

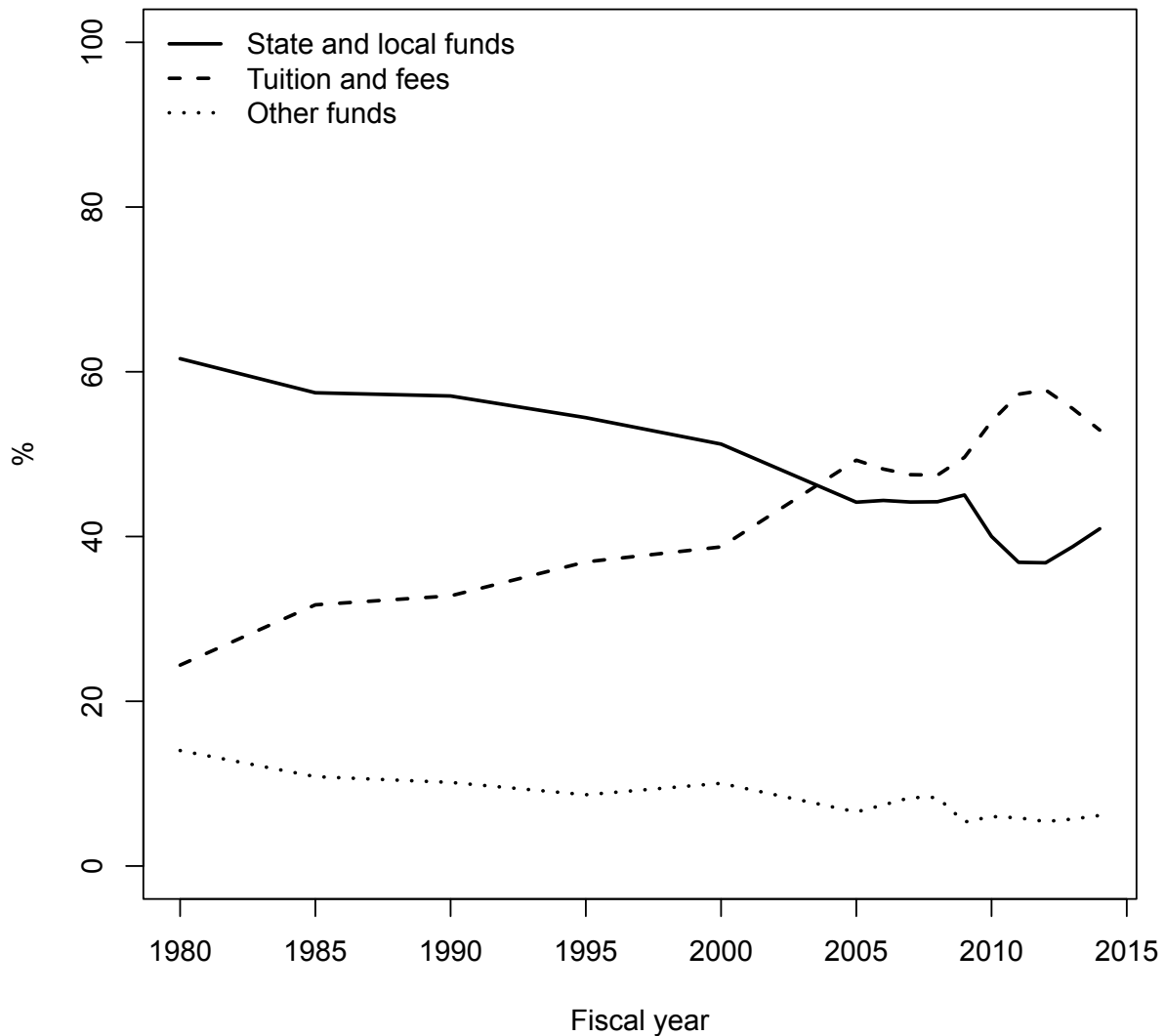
Minnesota has had the highest regional average TCE since 2009 (Table 13-1), while Nebraska and Missouri have had the lowest. During this time period, the average TCE in Iowa was near the middle of the group, occasionally switching positions with Wisconsin.

In 2013, the most recent year for which IPEDS data are available, average annual in-state TCE in Iowa was about \$4,416 annually (Figure 13-5), an increase of 3.4 percent (Figure 13-6) from 2012. By comparison, Wisconsin and Illinois had the highest average percentage change, 4.3 percent and 3.9 percent respectively. South Dakota (-5.1 percent) was the only state within the region where average TCE decreased.

Institutional

By law, tuition at Iowa community colleges cannot exceed the minimum tuition at the public universities [1]. In 2016, the highest tuition per credit at Iowa

Figure 13-3: Sources of revenue as percentages of total.



community colleges (\$162.00) is almost 42 percent lower than the lowest corresponding tuition at Iowa’s public universities (\$277.00).

Average TCE at Iowa’s community colleges has increased 12.6 percent since 2011. This is equivalent to an annualized 3.0 percent increase. During the same time period, average TCE at Iowa’s public universities increased 10.5 percent, equivalent to a 2.5 percent annualized rate. By comparison, cumulative rate of inflation increased 7.4 percent, equivalent to a 1.8 percent annualized increase.

References

- [[1] Iowa Code §260C.14 §§2 (2014) and 281—IAC 21.
- [2] Iowa State University. Tuition & fees. Data table. Retrieved June 1, 2015, from <http://www.registrar.iastate.edu/sites/default/files/uploads/fees/Fall15Spring16/F15-S16.pdf>.

- [3] IPEDS. IPEDS Data Center. Retrieved from <http://nces.ed.gov/ipeds/datacenter/login.aspx>, August 6, 2014.
- [4] University of Iowa. Tuition and fee tables. Interactive database. Retrieved June 1, 2015, from <https://www.maui.uiowa.edu/maui/pub/tuition/projection.page>
- [5] University of Northern Iowa. Tuition and fees. Data table. Retrieved June 1, 2014, from <http://www.uni.edu/tuition/2015-2016-undergraduate-tuition-fees>
- [6] U.S. Inflation Calculator. Historical inflation rates: 1914-2015. Retrieved from <http://www.usinflationcalculator.com/>. Interactive database.

Figure 13-4: Average annual TCE during fiscal year 2014.

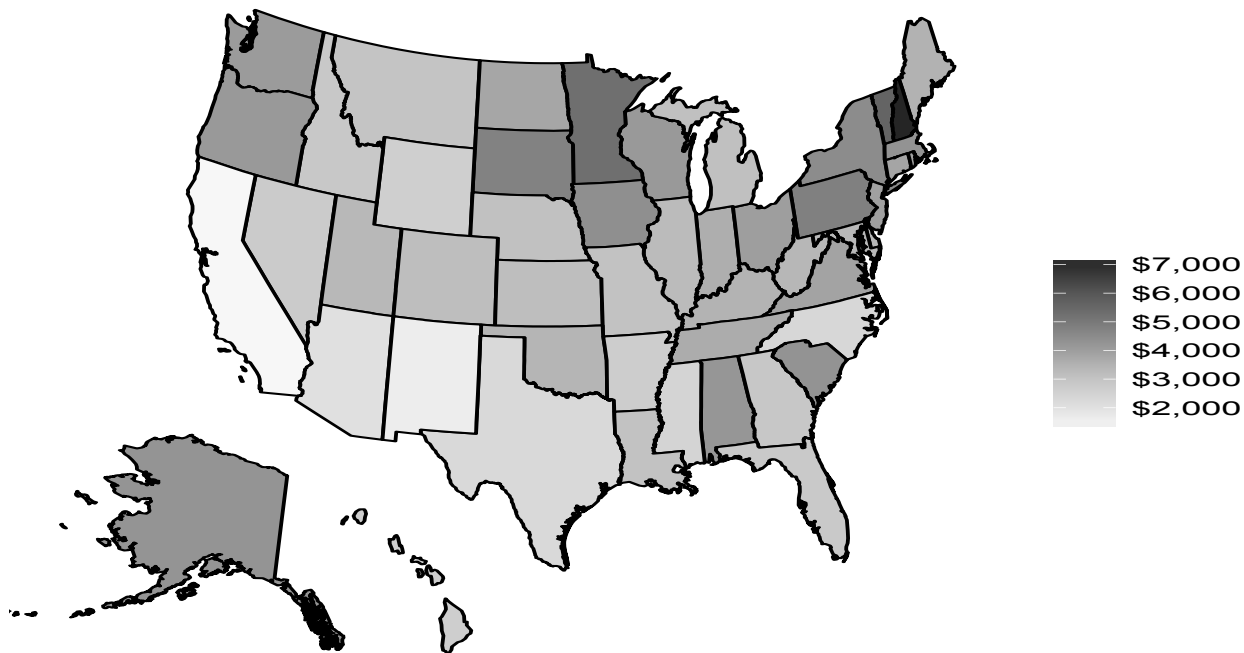
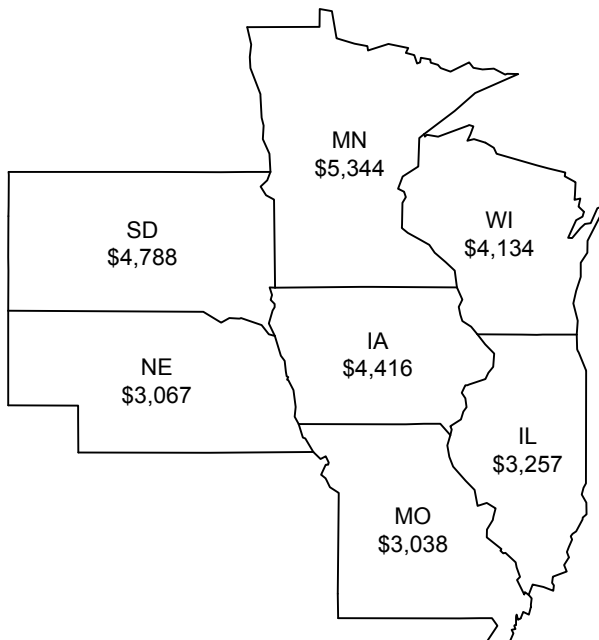


Table 13-1: Average TCE (\$) of selected states in the Midwest.

Year	IA	IL	MN	MO	NE	SD	WI
2009	3,415	2,519	4,614	2,456	2,220	3,931	3,536
2010	3,549	2,670	4,791	2,406	2,248	4,357	3,543
2011	3,769	2,947	4,965	2,440	2,391	4,700	3,695
2012	4,269	3,135	5,320	2,933	3,021	5,046	3,962
2013	4,415	3,257	5,344	3,038	3,067	4,788	4,134

Source: [3]

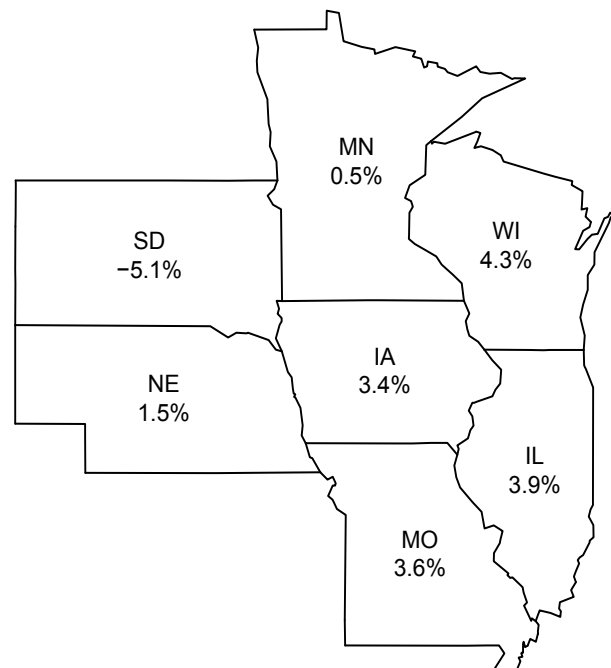
Figure 13-5: Average annual in-state TCE among selected states in the Midwest (2013).



Note: Averages were derived from IPEDS datasets for academic year 2014 and rounded up to the nearest whole dollar. Regional average = \$3,982 per academic year.

Source: [2]

Figure 13-6: Change (%) of average annual in-state TCE among selected states in the Midwest.



Note: Percentages were derived from IPEDS Data Center for academic years 2013 and 2014. National percentage change = 4.48%. Regional percentage change = 2.52%

Source: [2]

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14

FINANCIAL AID

Iowa community college students receive financial aid from federal, state, institutional, and other sources. Student financial aid includes grants, scholarships, and loans. In analyzing aid by source for 2014 to the community colleges from the Iowa College Student Aid Commission, federal aid was \$381,738,775, state aid was \$10,014,836, institutional aid was \$18,446,428, and other aid was \$10,498,181. The breakdown of community college financial aid shows that 91 percent of all aid was from the federal government, four percent was from community colleges, two percent from other aid sources, and two percent from the state of Iowa (Table 14-1).

Various financial options are available to students who need assistance financing the cost of their postsecondary education. Such assistance may come in the form of federal, state, institutional, and/or other financial loans, grants, scholarships, or work-study.

Grants and Scholarships

Grants and scholarships are a form of financial assistance which, unlike loans, do not have to be repaid upon graduation from a postsecondary institution. Several state-funded grants and scholarships are managed by the Iowa College Student Aid Commission. Students of Iowa’s community colleges currently receive assistance through the Iowa Vocational-Technical Tuition Grant, Kibbie Grant, Iowa National Guard Educational Assistance Program, Iowa Grant, All Iowa Opportunity Scholarship Program, Education Training Voucher Program, and All Iowa Opportunity Foster Grant Program (Table 14-2).

Through these state-funded programs a total of 9,191 students received over \$10.1 million of financial assistance in FY 2015. The Kibbie Grant, awarded to students who enroll in certain career and technical education programs and demonstrate financial need, serves the largest population of community college students. Through this grant, over \$5.1 million in financial assistance was awarded to 4,926 students in FY 2015.

After the Kibbie Grant, the largest state-funded aid programs are the Iowa Vocational-Technical Tuition Grant and the Iowa National Guard Education Assistance program. The Iowa Vocational-Technical Tuition grant is made available to students enrolled in community college career and technical education and career option courses. In FY 2015, 2,836 students received awards totaling \$2,250,104 - an average of \$793 per recipient.

Service members of the Iowa Air and National Guard are eligible to receive college financial assistance through the Iowa National Guard Educational Assistance Program. In FY 2015, a total of 1,073 service members received an average assistance of \$4,033. Of the 1,073 recipients, 456 enrolled in a community college program, accounting for \$1,176,035 of total awarded funding.

The federal government administers a number of need-based grants. The largest of these programs is the federal Pell Grant, awarded to students who demonstrate sufficient financial need. According to data from all 15 of Iowa’s community colleges made available through the office of Federal Student Aid for the 2014-2015 award year, a total of 63,527 students received financial assistance totaling \$124,097,224 through the federal Pell Grant – an average of approximately \$1,953 per recipient (Table 14-3).

Table 14-1: 2011-2014 distribution of community college student aid.

Source	2011		2012		2013		2014	
	Amount	%	Amount	%	Amount	%	Amount	%
Federal	\$489,012,519	93	\$458,778,089	94	\$431,346,206	92	\$381,738,775	91
Institutional	\$14,472,564	3	\$21,577,612	3	\$18,287,695	4	\$18,446,428	4
Other	\$9,842,949	2	\$9,593,702	2	\$10,084,527	2	\$10,498,181	2
State	\$6,272,339	2	\$6,878,524	1	\$10,015,102	1	\$10,014,836	2
Total	\$519,600,371		\$496,827,927		\$469,733,530		\$420,698,220	

SOURCE: Iowa College Student Aid Commission.

Table 14-2: FY 2015 summary of grant awards by institution.

District	School	Iowa Voc-Tech Tuition Grant Program		Iowa Grant Program		All Iowa Opportunity Scholarship Program		Iowa National Guard Education Assistance Program		Education Training Voucher Program		All Iowa Opportunity Foster Grant Program		Kibbie Grant	
		YTD Recipients	\$ Award	Recipients	\$ Award	Recipients	\$ Award	Recipients	\$ Award	Recipients	\$ Award	Recipients	\$ Award	Recipients	\$ Award
1	Northeast Iowa CC	196	153,740	27	9,278	2	8,103	14	38,100	10	23,750	9	9,316	262	300,379
2	North Iowa Area CC	63	52,929	13	5,415	2	5,469	4	13,467	5	13,750	4	8,114	158	147,630
3	Iowa Lakes CC	94	87,554	9	4,839	8	34,725	7	26,849	4	13,750	3	5,753	132	163,472
4	Northwest Iowa CC	78	65,946	5	2,168	2	6,510	7	26,296	3	11,203	2	4,207	146	189,366
5	Iowa Central CC	221	172,210	17	14,281	22	73,908	29	91,941	19	61,859	14	24,412	382	384,429
6	Iowa Valley CC District	74	61,285	53	8,279	13	55,560	15	38,632	4	13,750	3	5,710	140	158,749
7	Hawkeye CC	249	192,394	32	12,740	24	92,423	27	73,225	9	31,018	13	17,342	391	418,549
9	Eastern Iowa CC	129	107,916	38	16,647	3	7,816	18	44,663	2	3,750	2	2,404	331	332,413
10	Kirkwood CC	452	369,917	107	34,397	14	52,009	99	229,783	18	54,167	25	32,661	767	740,261
11	Des Moines Area CC	607	436,674	89	41,193	34	124,878	134	290,649	44	144,567	37	59,139	820	820,540
12	Western Iowa Tech CC	214	169,297	19	12,688	42	156,283	56	148,935	11	30,705	9	11,489	287	238,854
13	Iowa Western CC	137	113,992	14	12,623	9	39,355	16	53,386	13	53,750	11	20,434	330	348,791
14	Southwestern Iowa CC	56	51,875	9	3,082	21	89,128	5	11,854	4	15,000	2	4,207	106	126,963
15	Indian Hills CC	180	145,154	21	17,030	12	40,130	17	56,751	15	46,109	9	11,215	489	566,129
16	Southeastern Iowa CC	86	69,221	19	6,806	2	6,945	8	31,504	1	5,000	1	1,202	185	173,907
TOTAL		2,836	2,250,104	472	201,466	210	793,242	456	1,176,035	162	522,128	144	217,605	4,926	5,110,432

SOURCE: Iowa College Student Aid Commission, Preliminary Summary of Payments by Institution.

Table 14-3: 2014-2015 award year Pell grant volume by school.

District	School	YTD Recipients	YTD Disbursements
1	NORTHEAST IOWA COMMUNITY COLLEGE	2,991	\$5,699,556
2	NORTH IOWA AREA COMMUNITY COLLEGE	1,727	\$3,486,459
3	IOWA LAKES COMMUNITY COLLEGE	1,370	\$2,952,968
4	NORTHWEST IOWA COMMUNITY COLLEGE	665	\$1,252,839
5	IOWA CENTRAL COMMUNITY COLLEGE	5,186	\$11,200,364
6	ELLSWORTH COMMUNITY COLLEGE	820	\$1,808,618
6	MARSHALLTOWN COMMUNITY COLLEGE	1,247	\$2,616,742
7	HAWKEYE COMMUNITY COLLEGE	3,650	\$7,242,938
9	EASTERN IOWA COMMUNITY COLLEGES	5,471	\$10,157,228
10	KIRKWOOD COMMUNITY COLLEGE	9,629	\$18,819,994
11	DES MOINES AREA COMMUNITY COLLEGE	12,699	\$23,628,034
12	WESTERN IOWA TECH COMMUNITY COLLEGE	4,295	\$8,931,092
13	IOWA WESTERN COMMUNITY COLLEGE - COUNCIL BLUFFS	5,534	\$11,558,179
14	SOUTHWESTERN COMMUNITY COLLEGE	1,084	\$2,399,206
15	INDIAN HILLS COMMUNITY COLLEGE	4,892	\$7,582,576
16	SOUTHEASTERN COMMUNITY COLLEGE	2,267	\$4,760,431
	TOTAL	63,527	\$124,097,224

SOURCE: Federal Student Aid, Title IV Program Volume Reports, www.studentaid.ed.gov

Loans

Many federal financial assistance programs are run through the office of Federal Student Aid. Students may apply for federal financial aid by filing a Free Application for Federal Student Aid (FAFSA). The FAFSA is used to customize a student aid package, or financial aid offer. The offer may include an assortment of grants, loans, or other forms of financial assistance. In 2014-2015, Iowa residents filed 175,424 FAFSA applications, a five percent decrease from the previous year. Of these applicants, 24,323, or 14 percent of applicants, were high school seniors.

The largest federal student loan program is the William D. Ford Federal Direct Loan Program. This program includes four types of student loan: Direct Subsidized Loans, Direct Unsubsidized Loans, Direct PLUS Loans (for graduate and professional students and parents of undergraduate students), and Direct Consolidation Loans. In FY 2015, 33,845 community college students received Direct Subsidized Loans; 31,697 received Direct Unsubsidized Loans; and 942 individuals borrowed under the Direct Parent PLUS program. Total financial assistance disbursed to these borrowers equaled \$197,189,788.

Default rates

Failure to make loan payments per the schedule stipulated in a student's signed promissory note results in the student defaulting on his or her student loans. The default rate indicates the percentage of students entering into default on an institutional basis. The default rate is the percentage of a school's borrowers who enter repayment on certain federal student loans during a particular federal fiscal year and default prior to the end of the next fiscal year. The federal government calculates a three-year cohort default rate. Cohorts are identified by the fiscal year in which a borrower entered repayment. This section includes information on the FY 2012 cohort, which consists of borrowers who entered repayment in FY 2012, and tracks whether the borrower defaulted on his or her loans in FY 2012, FY 2013, or FY 2014. As data shows, 32,429 community college students in Iowa entered into repayment in FY 2012. Of those students who entered repayment, 6,925 (21.4 percent) defaulted on their loans.²

¹Iowa College Student Aid Commission. Free Applications for Student Aid (FAFSA) filed by Iowa Residents. 2014. <https://www.iowacollegeaid.gov/sites/default/files/documents/FAFSAsFiled2015.pdf>

²Federal Student Aid. Three-year Official Cohort Default Rates for Schools. 2014. <http://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr.html>

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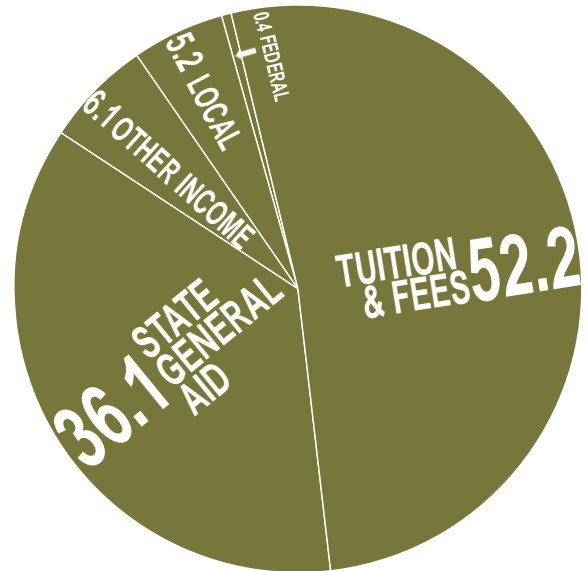
FINANCIAL

Unrestricted General Fund Revenues by Source

From fiscal year (FY) 2014 to FY 2015, collective Iowa community college unrestricted general revenues decreased \$231,547 to a statewide total of \$557,231,882 (Table 15-1), representing a nominal decrease of less than 0.01 percent. The decline was driven by decreases in tuition and other income, but offset by increases in local and state support. Unrestricted federal revenue continued to decrease as well, totaling \$2,189,324, largely due to an accounting change mandated by the Iowa Department of Education in FY 2014. Pass-through funds to the community colleges, such as Carl Perkins funds and Adult Education and Family Literacy Act (AEFLA) funds from the federal government, were traditionally recorded in Fund 1 unrestricted general fund by the colleges for statewide reporting. FY 2014 marked a transition year wherein colleges were asked to move these funds to their Fund 2 restricted funds. This requirement was optional in FY 2014 but is mandatory as of FY 2015. The change is necessitated by the fact that many federal funds are marked for specific purposes and are therefore restricted in their use. In the event that the colleges receive federal funding that is not restricted in its use, the funds will remain in the Fund 1 unrestricted general fund. The recording of these funds in Fund 2 precipitated a drop in the percentage of revenue in their Fund 1 unrestricted general fund from federal sources during this fiscal year and will do the same in succeeding fiscal years.

Figure 15-1 depicts the percent distribution of revenue in the community colleges Fund 1 unrestricted general fund revenue sources for the fiscal year. Tuition and fees continue to be the leading source of unrestricted general

Figure 15-1: Unrestricted fund revenue by source 2015.



fund revenue, accounting for 52 percent of total revenue. State support is the second largest source of revenue, increasing to 36 percent in FY 2015 from 34.7 percent in FY 2014. The change in reporting required by the state moving forward will decrease the amount of federal funding reported in the colleges' Fund 1 unrestricted general fund.

Total revenues adjusted to 2015 dollars (Table 15-2) show an overall decrease of less than 0.01 percent from the previous year. In real terms, tuition and fees revenue decreased two percent from FY 2014, while revenue for local and state sources showed a real increase of just under four percent.

Table 15-1: Nominal revenue totals by source 2011-2015.

YEAR	Tuition & Fees, \$	Local, \$	State Support, \$	Federal, \$	Other Income, \$	Total Revenue, \$
2011	308,633,060	25,406,419	158,754,232	14,478,452	31,507,835	538,779,998
2012	314,657,804	26,471,137	163,774,647	10,142,936	29,392,828	544,439,352
2013	307,054,107	27,428,532	177,274,655	9,710,256	31,529,441	552,996,991
2014	295,035,559	28,505,519	193,274,647	6,421,205	34,226,499	557,463,429
2015	290,561,911	29,204,331	201,277,231	2,189,324	33,999,085	557,231,882

Table 15-2: Adjusted revenue totals by source (2015 dollars).

Year	Tuition & Fees, \$	Local, \$	State General Aid, \$	Federal, \$	Other Income, \$	Total Revenue, \$
2011	327,530,306	26,962,025	168,474,570	15,364,951	33,437,023	571,768,875
2012	324,433,553	27,293,539	168,862,777	10,458,055	30,306,001	561,353,926
2013	311,623,650	27,836,720	179,912,836	9,854,763	31,998,658	561,226,627
2014	294,771,950	28,480,050	193,101,959	6,415,467	34,195,919	556,965,345
2015	290,561,911	29,204,331	201,277,231	2,189,324	33,999,085	557,231,882

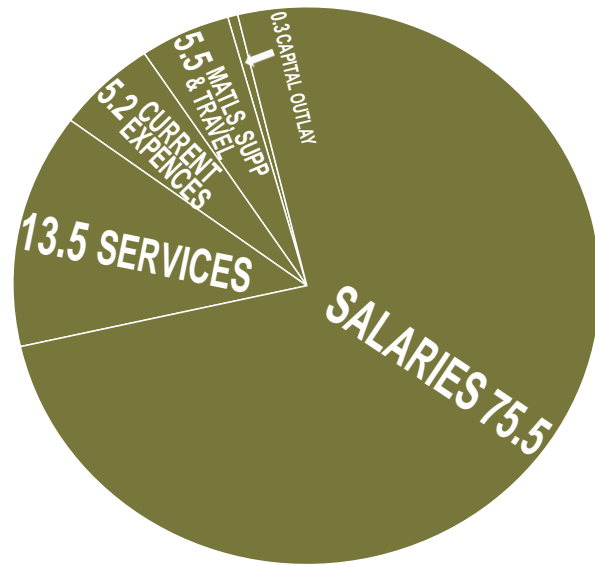
Unrestricted General Fund Expenditures by Source

The total unrestricted general fund expenditures in FY 2015 decreased \$257,025 from the previous year in nominal terms, a decrease of less than .01 percent. By source, salaries and benefits increased about one percent, services increased one percent, and materials, supplies, and travel increased one percent. Table 15-3 shows the breakdown by category for the unrestricted general fund expenses statewide. Salaries continue to comprise the majority of community college expenditures at just over 75 percent while services come in second at 13 percent (Figure 15-2).

Expenditure categories are defined as follows:

- Salaries – All salaries paid by the community college including administrative, instructional, professional, secretarial and clerical, and service staff. Includes other payroll costs, such as fringe benefits and worker’s compensation insurance.
- Services – Items such as professional fees, memberships, publications, rental of materials, buildings and equipment, and insurance.
- Materials, Supplies, and Travel – Expenses such as materials and supplies, periodicals, vehicle materials and supplies, and travel expenses.
- Current Expenses – Items such as purchase for resale, payment on debt principal, student compensation, and transfers.
- Capital Outlay – Items such as furniture, machinery, and equipment, lease purchase equipment, vehicles,

Figure 15-2: Unrestricted fund expenditures by category 2015.



land, buildings and fixed equipment, and other structures and improvements.

Total unrestricted general fund expenditures, adjusted to 2015 dollars, increased slightly from the previous year, attributable primarily to an increase in expenditures associated with salaries and benefits (Table 15-4).

Table 15-3: Nominal expenditure totals by category 2011-2015.

Year	Salaries, \$	Services, \$	Matls, Supp & Travel, \$	Current Expenses, \$	Capital Outlay, \$	Total, \$
2011	388,716,147	74,592,882	32,105,574	28,309,254	5,388,948	529,112,805
2012	403,231,685	72,680,073	32,800,924	28,672,940	3,905,209	541,290,831
2013	415,637,586	73,268,714	31,376,295	28,884,390	3,321,037	552,488,022
2014	416,422,359	74,088,407	30,079,274	31,855,054	2,915,731	555,360,825
2015	419,317,986	74,691,961	30,486,783	28,807,522	1,799,548	555,103,800

Table 15-4: Adjusted expenses by source in 2015 dollars.

YEAR	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
2011	412,516,788	79,160,118	34,071,361	30,042,597	5,718,907	561,509,771
2012	415,759,237	74,938,088	33,819,979	29,563,747	4,026,536	558,107,587
2013	421,823,056	74,359,090	31,843,233	29,314,244	3,370,460	560,710,084
2014	416,050,293	74,022,210	30,052,399	31,826,592	2,913,126	554,864,619
2015	419,317,986	74,691,961	30,486,783	28,807,522	1,799,548	555,103,800

Unrestricted General Fund Expenditures by Function

Total Unrestricted General Fund expenditures by function adjusted to 2015 dollars indicate that arts and sciences remains the largest expenditure function, accounting for 25 percent of total expenditures. Vocational technical spending was close behind at 24 percent. Adult education represented seven percent of statewide unrestricted general fund spending. Adjusted for inflation, arts and science increased three percent from the previous year, vocational technical two percent. General institution costs increased by five percent. Physical plant spending was down statewide, showing a decrease of about five percent from the previous year.

Function categories are defined as follows:

- Arts and Sciences – All administrative and instructional organizational units of the community college that provide instruction in the area of college parallel and career option/college parallel (CO/CP).
- Career/Vocational Technical – All organizational units designed to provide vocational, technical, and semi-professional training.

- Adult Education – All organizational units designed to provide services, courses, and programs intended mainly for part-time students who are not a part of one of the instructional divisions of arts and sciences or career/vocational technical functions. Some examples include Adult Basic Education (ABE), high school completion, and short-term preparatory.

- Cooperative Programs or Services – All organizational units designed to provide instruction for secondary joint effort activities and all activities concerning Chapter 260E (Industrial New Jobs Training) and Chapter 260F (Jobs Training).

- Administration – All expenses of the Community College Board of Trustees, the CEO, and business office, which serve the entire community college.

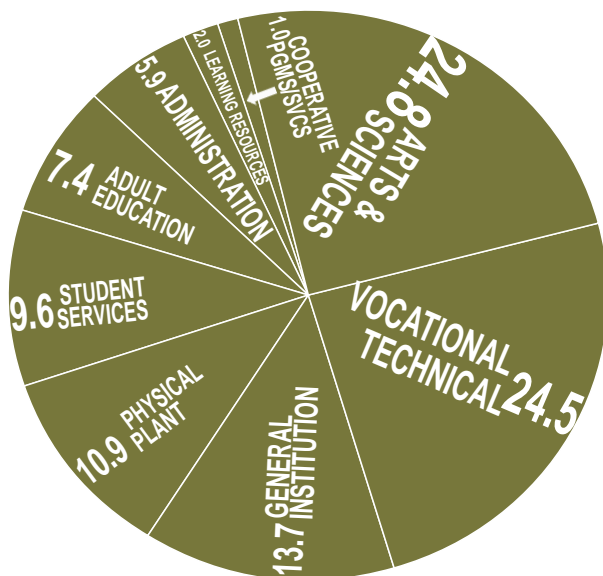
- Student Services – All organizational units, which are primarily concerned with providing services for students.

- Learning Resources – All organizational units, which provide for storage, distribution, and use of educational materials throughout the entire community college.

- Physical Plant – All organizational units, which are responsible for the operation and maintenance of the community college’s physical facilities.

- General Institution – All other expenses except those included in the above functions. Some examples include institutional development, data processing, general printing, communication, alumni affairs, early retirement, and telecommunications.

Figure 15-3: Unrestricted fund expenditures by function 2015.



Unrestricted General Fund Revenue vs. Expenditures

After adjusting for inflation (using 2015 dollars), total revenue increased by less than 0.01 percent from FY 2014 to FY 2015. Similarly, total expenditures increased by less than 0.01 percent. Since FY 2011, both unrestricted general fund revenues and expenditures have averaged an annual decrease of less than 0.01 percent (Figure 15-4).

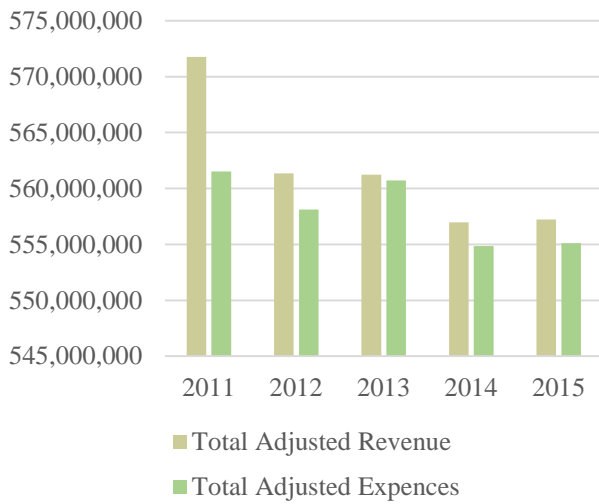
Table 15-5: Nominal expenditure total by function in 2011-2015.

YEAR	Arts & Science, \$	Vocational Technical, \$	Adult Education, \$	Cooperative Pgms/Svcs., \$	Administration, \$	Student Services, \$	Learning Resources, \$	Physical Plant, \$	General Institution, \$	Total, \$
2011	138,359,061	136,640,426	44,258,629	7,943,653	34,888,561	47,111,654	13,171,000	65,711,122	73,927,819	562,011,926
2012	139,324,677	134,553,808	46,189,460	9,005,642	36,255,119	49,746,291	11,904,958	59,929,208	71,697,528	558,606,691
2013	139,047,017	137,077,515	47,235,586	7,721,488	34,226,172	52,028,910	11,689,174	59,425,131	72,760,526	561,211,517
2014	133,927,078	133,603,435	43,358,594	8,330,886	35,024,744	53,747,409	11,540,103	63,386,497	72,442,077	555,360,825
2015	137,803,187	135,902,241	41,266,765	5,374,626	32,929,240	54,688,564	10,932,177	60,281,717	75,925,283	555,103,800

Table 15-6: Adjusted expenses by function in 2015 dollars.

YEAR	Arts & Science, \$	Vocational Technical, \$	Adult Education, \$	Cooperative Pgms/Svcs., \$	Administration, \$	Student Services, \$	Learning Resources, \$	Physical Plant, \$	General Institution, \$	Total, \$
2011	146,830,626	145,006,761	46,968,534	8,430,034	37,024,748	49,996,246	13,977,446	69,734,538	78,454,334	596,423,267
2012	143,653,199	138,734,109	47,624,468	9,285,428	37,381,489	51,291,802	12,274,819	61,791,081	73,925,018	575,961,414
2013	141,116,298	139,117,486	47,938,540	7,836,398	34,735,522	52,803,198	11,863,131	60,309,489	73,843,339	569,563,401
2014	133,807,417	133,484,062	43,319,854	8,323,443	34,993,450	53,699,387	11,529,792	63,329,862	72,377,351	554,864,619
2015	137,803,187	135,902,241	41,266,765	5,374,626	32,929,240	54,688,564	10,932,177	60,281,717	75,925,283	555,103,800

Figure 15-4: Total revenue and total expenditures 2011-2015 in 2015 dollars.



Full-Time Equivalent Enrollment (FTEE)

The Full-time Equivalent Enrollment (FTEE) calculation is utilized when determining state general aid (SGA) and is a standardized method for measuring enrollment. Due to timing of the calculation to meet Iowa Legislative deadlines, the enrollment used to calculate SGA is two years behind the year of the aid (i.e., FY 2013 enrollments were used to calculate FY 2015 SGA). Twenty-four (24) credit hours or 600 non-credit contact hours equal one FTEE.

FY 2015 saw a decrease of 2,456 FTEE from the previous year, with a total of 88,619 FTEE (Table 15-7). This represents a 0.03 percent decrease from the previous year. This enrollment figure has been decreasing for the last five years, matching other measures of enrollment both statewide and nationally.

Table 15-7: Adjusted revenue and expenditures/FTEE in 2015 dollars.

Year	Revenue	Expenditures	FTEE Total	Revenue / FTEE	Expenditures / FTEE
2011	571,768,875	561,509,771	107,251	5,336	5,240
2012	561,353,926	558,107,587	102,504	5,481	5,450
2013	561,226,627	560,710,084	96,696	5,809	5,804
2014	556,965,345	554,864,619	91,075	6,121	6,098
2015	557,231,882	555,103,800	88,619	4,564	6,264

State General Aid (SGA)

The FY 2015 State General Aid (SGA) was \$193,774,647 (Table 15-8). After adjusting previous SGA amounts into 2015 dollars, the SGA has increased 13 percent in real dollars since FY 2005. As a percent of total revenue in

inflation adjusted dollars, state general aid constitutes 35 percent of total revenue. The chart below indicates the changes in the percentage of total revenue in adjusted dollars over the last ten years the first time since FY 2009.

The chart below indicates the changes in the percentage of total revenue in adjusted dollars over the last 10 years.

Figure 15-5: SGA as percent of revenue (2015 dollars).

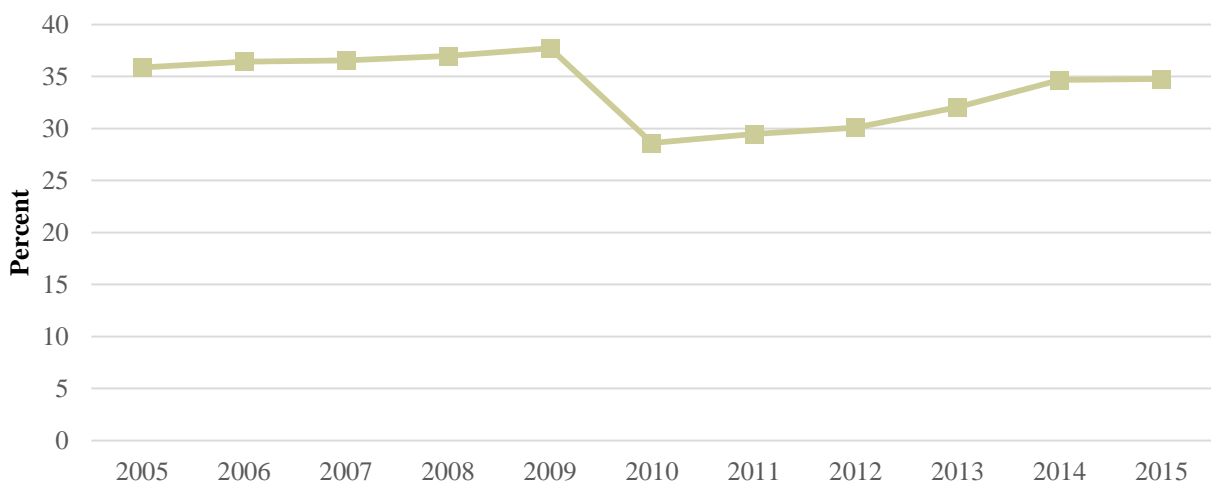


Table 15-8: State general aid (SGA) totals in 2015 dollars.

Year	Adjusted SGA Amount, \$	FTEE, N	\$/ FTEE
2005	171,302,505	86614.34	1,978
2006	176,287,022	86247.10	2,044
2007	184,248,213	88494.93	2,082
2008	190,396,153	89512.99	2,127
2009	199,586,172	92349.23	2,161
2010	160,438,354	104810.67	1,531
2011	168,474,570	107251.01	1,571
2012	168,862,777	102504.34	1,647
2013	179,912,828	96695.92	1,861
2014	193,101,959	91075.43	2,120
2015	193,774,647	88,619.43	2,187

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HUMAN RESOURCES

During fiscal year (FY) 2015, Iowa community colleges had 13,935 employees, which included administrative, instructional, professional, secretarial and clerical, and service positions. Some employees were included in more than one reporting category; for example, an administrator might teach a course and be reported under instructional as well.

In FY 2015, there were 15,753* full-time, part-time, temporary, and adjunct positions reported. The Community College Management Information System (MIS) data does not include employees teaching only non-credit courses for community colleges, unless they are full-time non-credit instructors.

While the total number of employees decreased by 1.5 percent from 2014, the composition of community college employees has remained relatively stable for the past eight years. The largest group in FY 2015 continued to be instructional (49.4 percent), followed by professional (24.9 percent), secretarial and clerical (18.7 percent), service (13.9 percent), and administrative (0.9 percent). The biggest change in composition occurred in 2005, when the professional staff began outnumbering the secretarial and clerical staff (Figure 16-1).

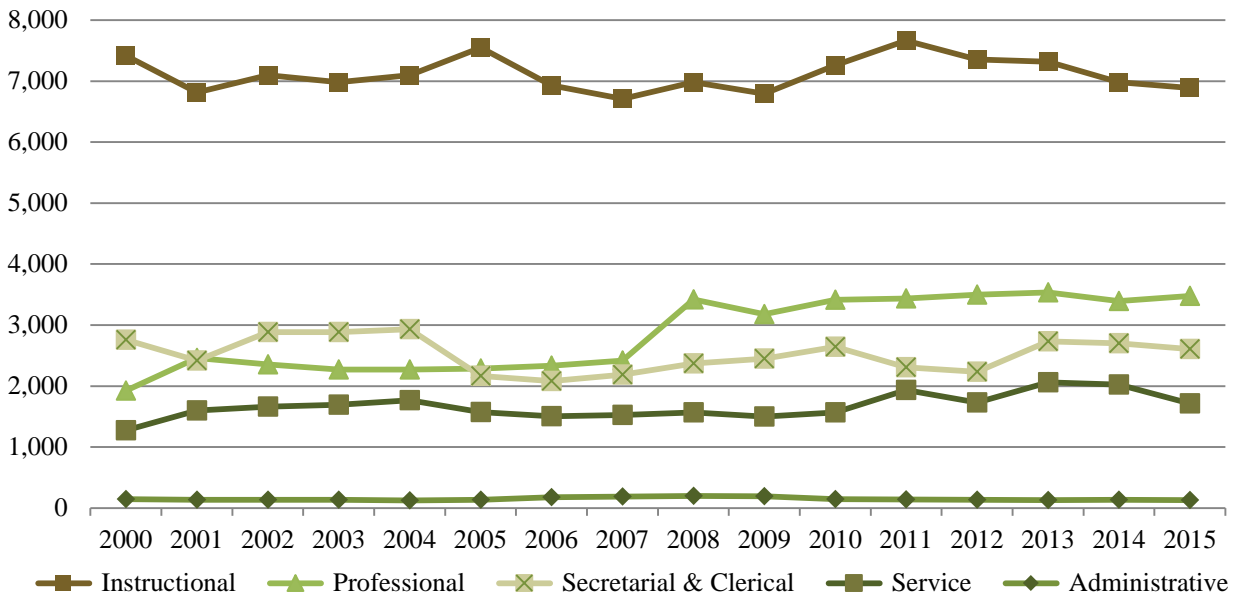
COMMUNITY COLLEGE EMPLOYEES

NUMBER OF EMPLOYEES:	CHANGE SINCE LAST YEAR:
13,935	↓ 1.5%
FACULTY:	FACULTY, OF ALL EMPLOYEES:
6,890	49.4%
<small>Down 1.4% since 2014</small>	<small>No change since 2014</small>

The distribution by type of employment has been relatively stable since tracking began in 2000. In 2013, one deviation from the stable pattern occurred, which was the growth in the overall number of positions. This spike was mainly due to increased numbers of part-time and temporary workers rather than full-time employees and adjuncts.

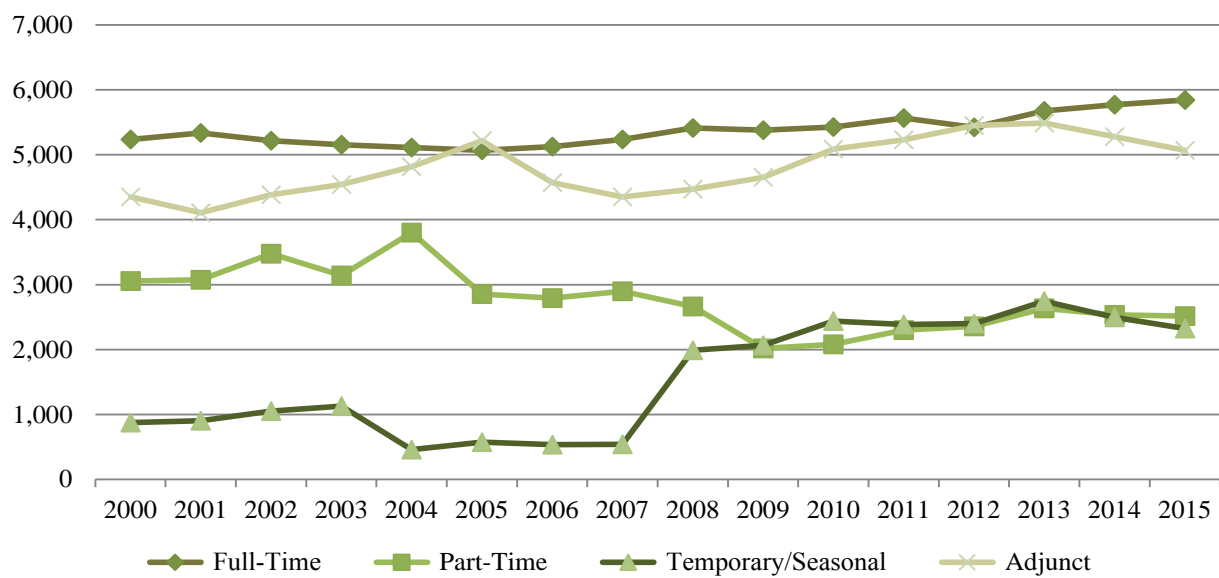
Temporary/seasonal staff positions have grown steadily since experiencing a dramatic change in 2008, when a sharp increase occurred that raised the number from 542 to 1,990 employees — a gain of 353 percent. In 2014, the distribution returned to the usual pattern, and in 2015, temporary/seasonal staff constituted 14.8 percent of all types of positions (Figure 16-2).

Figure 16-1: Iowa community college employees by position type: 2000-2015.



*Employees may hold more than one position, thus making number of positions exceed the number of employees.

Figure 16-2: Employment by type: 2000-2015.

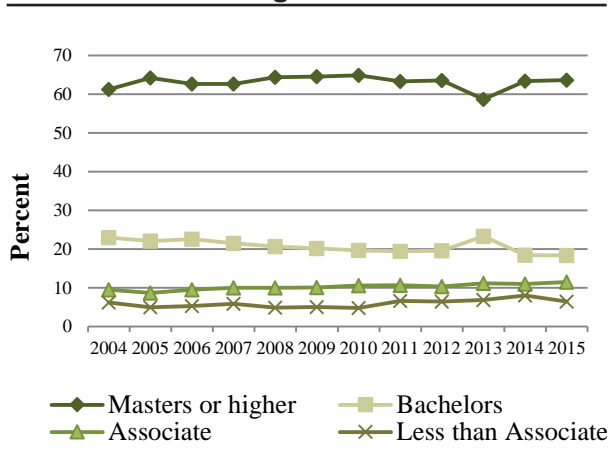


Employee Education and Demographics

Iowa community college instructors and administrators continuously improve their education. However, the number of full-time instructors and administrators with doctoral degrees, which demonstrated a steady 18 percent average growth between 2004 and 2011, dropped to 234 in 2012, then to 204 in 2013, and increased to 250 in 2015. The percentage for master’s degree or higher fluctuated between 61.2 in 2004, with a record high of 64.9 in 2010. In 2013, it dropped to a record low 58.6 percent, and in 2015 it grew back to 63.6 percent.

The percentage of bachelor-degree instructors and administrators remained stable from 2008 through 2012 (19.9 percent on average), increased to a record high 23.3 percent in 2013, and dropped back to 18.4 in 2015. The percentage of associate degree holders has remained stable for the past ten years before increasing to a record-high 11.5 percent in 2015 (Figure 16-3).

Figure 16-3: Instructors and administrators degrees: 2004-2015.



The percentage of racial/ethnic minorities among employees grew between 2014 and 2015 from 8.6 to 9.1, and the 15-year trend depicts a steady increase in the number of racial/ethnic minorities among Iowa community college employees. The average growth between 2000 and 2015 was 6.3 percent (Figure 16-4).

The distribution within the racial minorities was not as linear. The percentage of American Indians fluctuated between 6.4 (2000) and record low 3.1 in 2015. Asians also demonstrated increases and declines between 2000 and 2015, and their representation dropped to a record low 16.1 percent in 2015. The percentage of Black employees increases consistently, but did show a two percent decline in 2015. The percentages of Hispanic employees increased to 33.4, a 3.1 percent increase since 2014. Hawaiians or other Pacific Islanders remain only one percent of all minorities.

Since 2010, when the new standards allowed reporting of more than one race, the population of more than one

COMMUNITY COLLEGE INSTRUCTOR

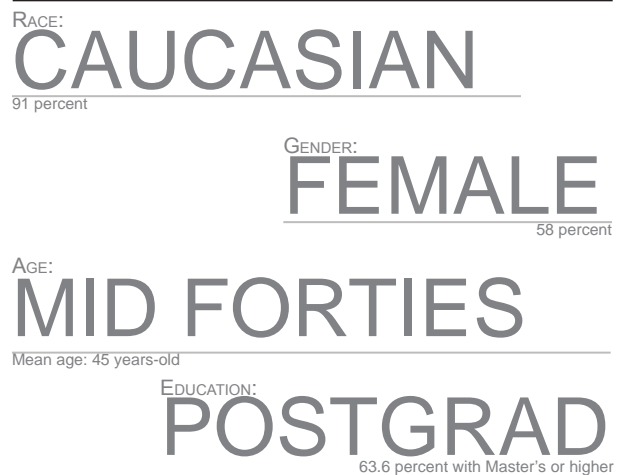
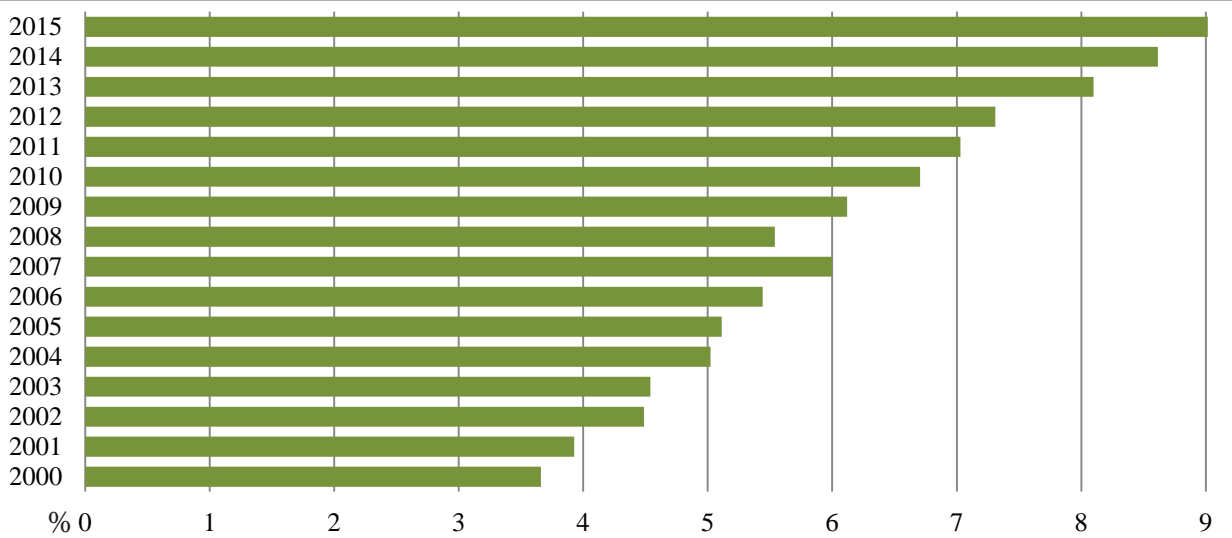


Figure 16-4: Percent of racial minorities among employees: 2000-2015.



race grew from three percent in 2010 to a high of 8.5 percent in 2012. In 2015, this percentage dropped to 6.8 (Figure 16-5).

Gender composition of Iowa community college employees has remained stable. In 2000, females composed close to 58 percent; in 2015 they were 58.0 percent of all employees (Figure 16-6).

In 2015, the age distribution of Iowa community college employees presented a wide palette of groups, from teens to mid-eighties. The largest groups were among those between 19-20, 33-34, and 52-58, with a mode of 19. Together, these 11 ages represented over a quarter of all community college employees. In 2015, the average age of community college employees was 44.9 years old, while the median age was 45 (Figure 16-

7).

When analyzing the distribution among seven age groups, from under 17 to over 55, the largest group of employees in 2015 was between 40 and 55 years old. This group has remained the largest for the past 10 years. The fastest growing group, however, was over 55 years old. In 2004, this group comprised 19 percent of all employees. It steadily grew to 27.9 percent in 2012, decreased in 2013 to 27.5 percent, and rose back to 27.9 percent in 2015.

The largest group of community college administrators was between 56 and 59 years old in 2015. The average age of administrators was 53.5 years old and the median age was 56 years old (Figure 16-8). Similarly, in 2014, those numbers were 54 and 56, respectively.

Figure 16-5: Distribution of racial/ethnic minorities among employees: 2000-2015.

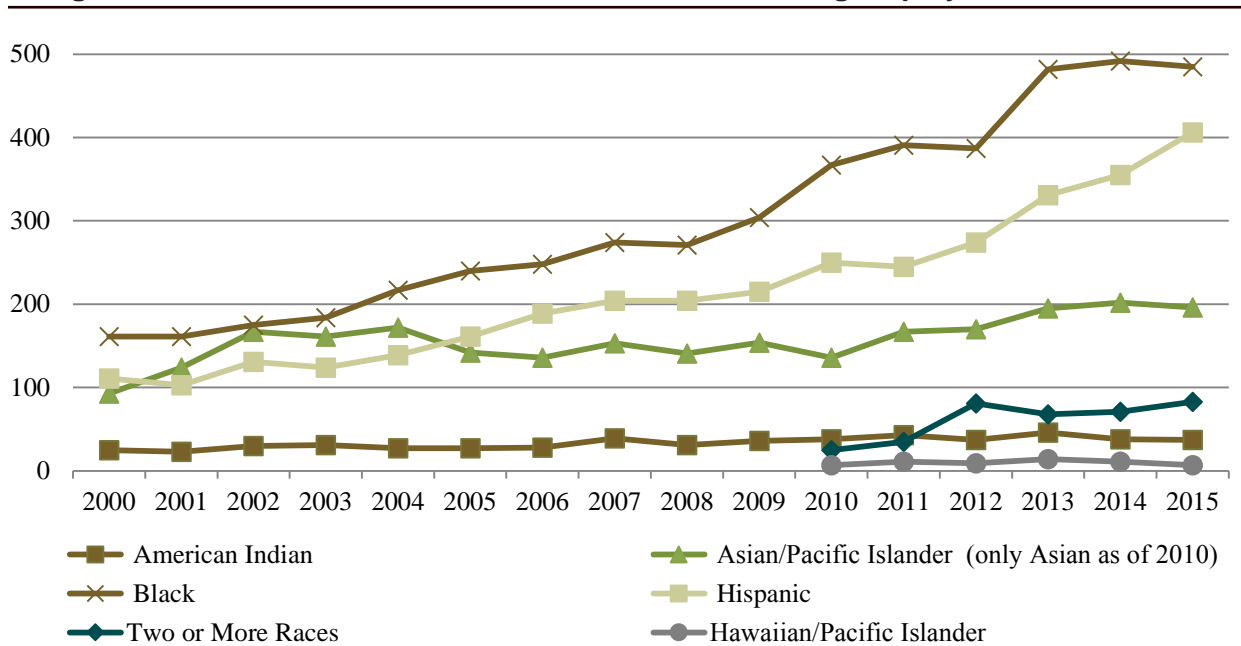
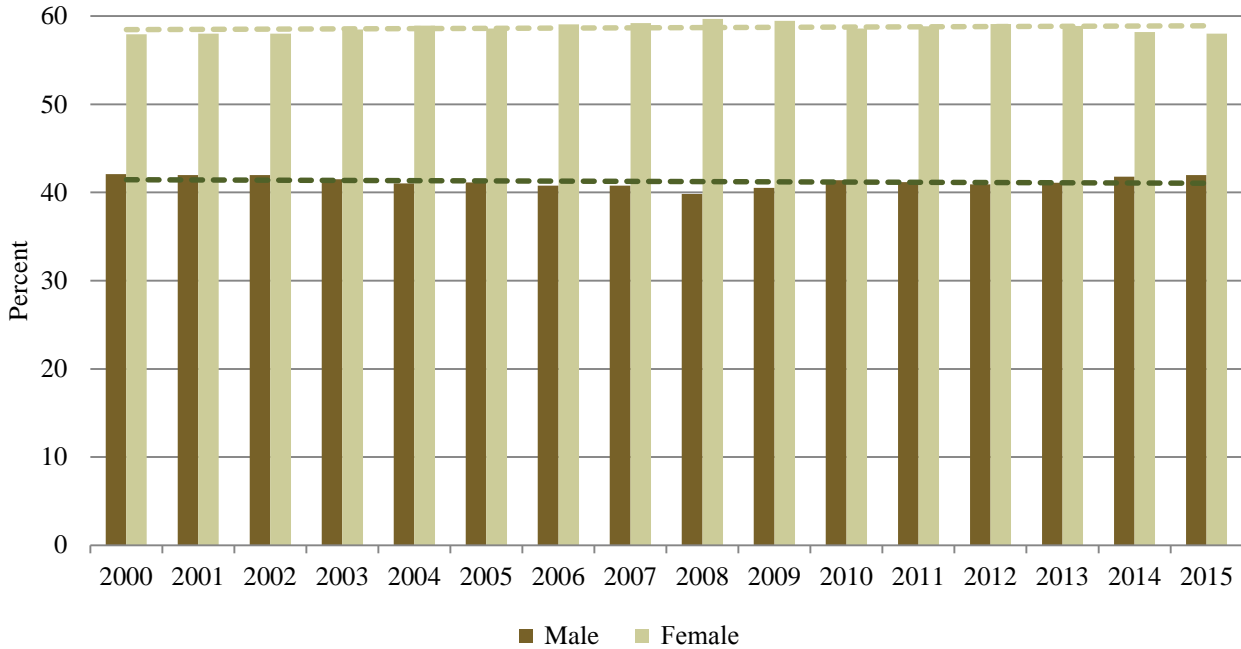


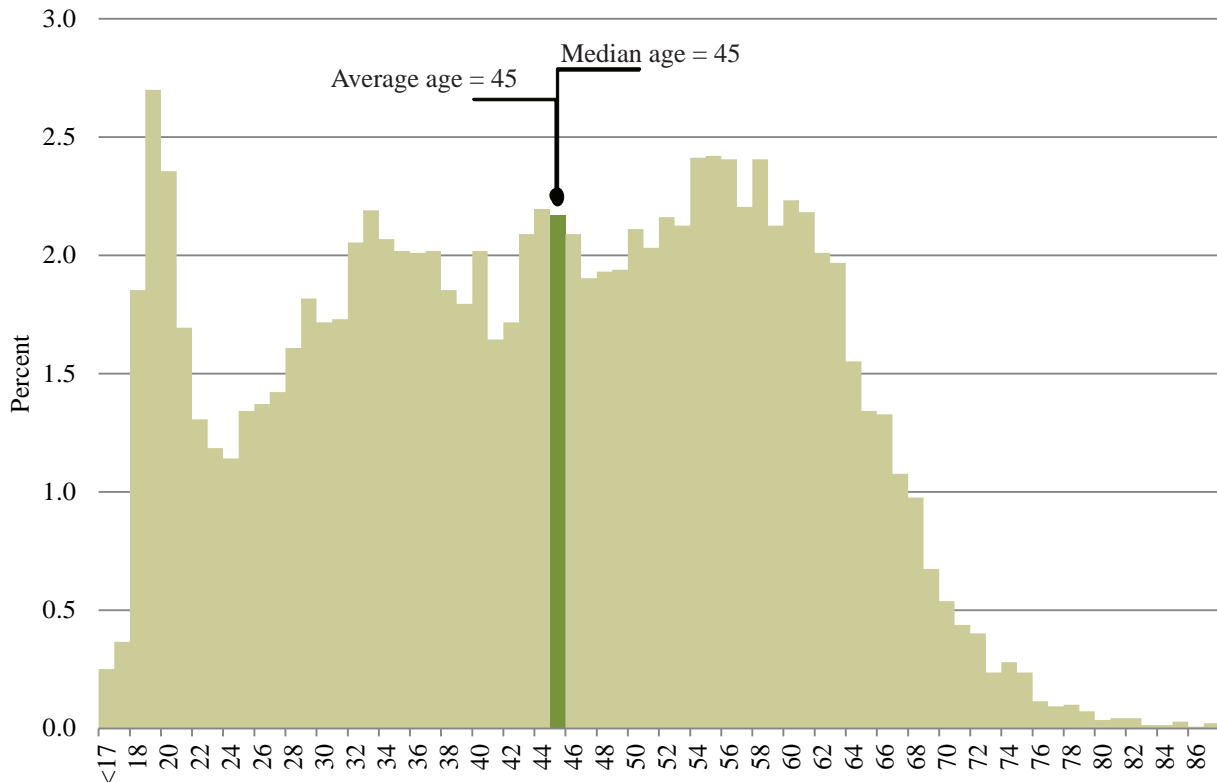
Figure 16-6: Gender distribution of employees: 2000-2015.



Iowa community college full-time instructional staff was comprised of all ages between 25 and 77, the largest groups being 50 and 61, with the mode of 54. The average age of community college full-time instructors was 49 years, and the median age was 51 (Figure 16-8). The nationwide trend supports the notion of an aging

faculty. For example, in 2012, 34.2 percent of full-time faculty in California community colleges were between ages 55 and 64, with the average age being 51.8.* The percentage of Iowa community college full-time faculty *Faculty Association of California Community Colleges Education Institute, 2012.

Figure 16-7: Age of community college employees: 2015.



in the same age group was 30.5. The average age of full-time faculty in Iowa gradually increased from 2004 through 2011, when it peaked at 50.1. For the past four years, it has fluctuated between 48 and 50, with an average of 48.8 in 2015. The median age changed to 50, while it had remained at 51 since 2012 (Figure 16-8 and 16-9).

Instructional Staff Salaries

Full-time instructional staff average salaries have increased 2.9 percent annually since 2001 (Figure 16-10). However, the average base salary for a nine-month contract for full-time instructional employees actually decreased from \$59,947 in 2014 to \$59,108 in 2015.

In addition to the Management Information System

Figure 16-8: Distribution of administrators (left) and instructors (right) by age: 2015.

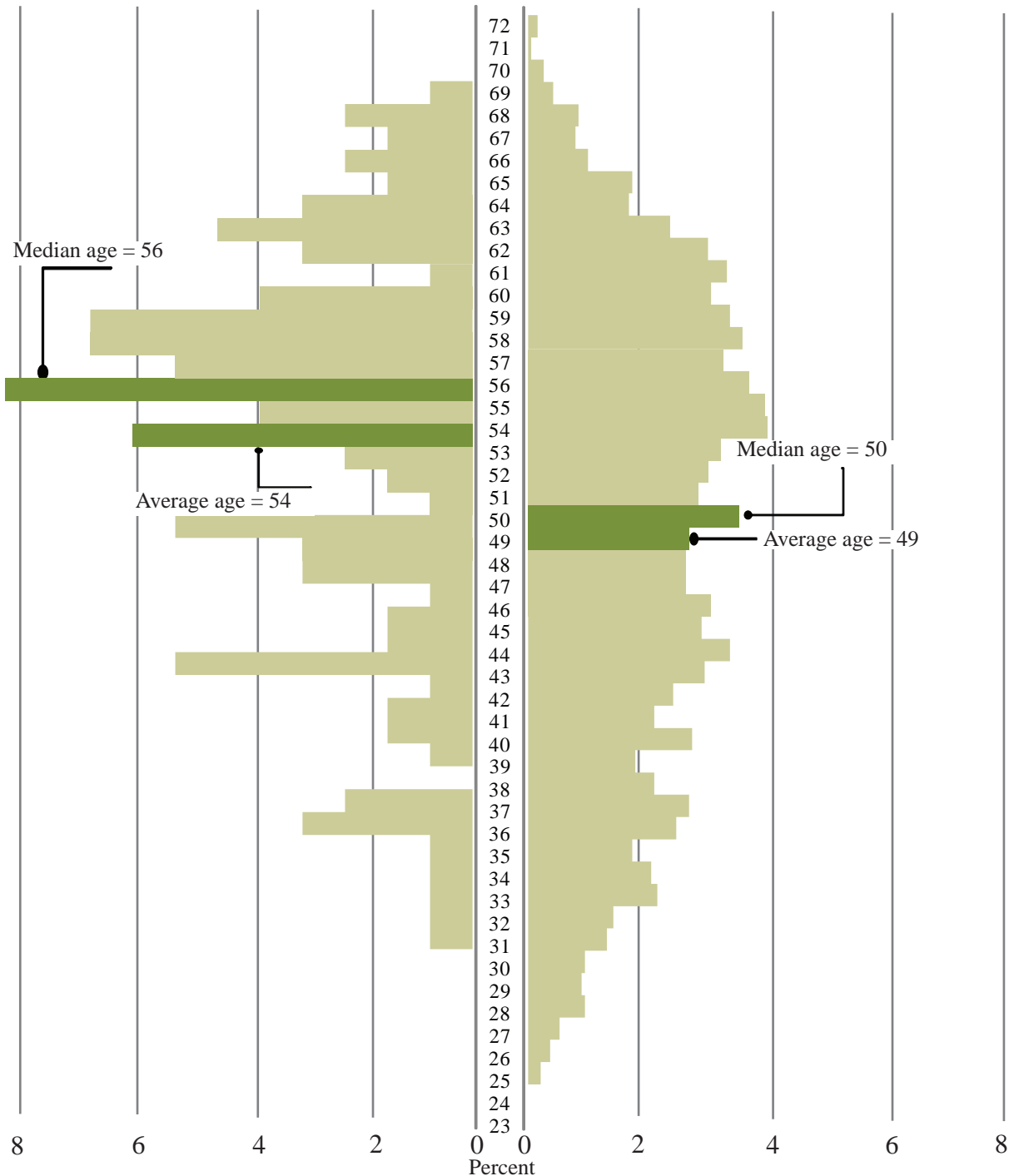


Figure 16-9: Average and median age of full-time instructors: 2005-2015.

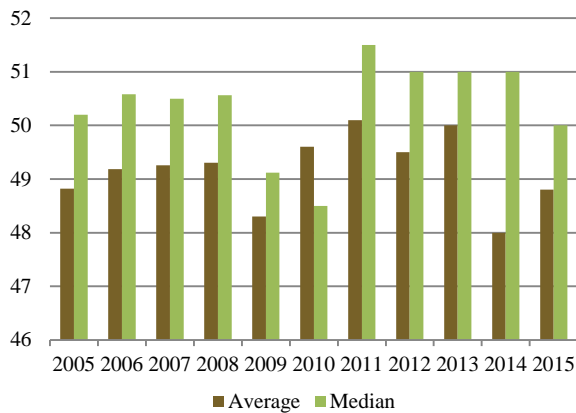
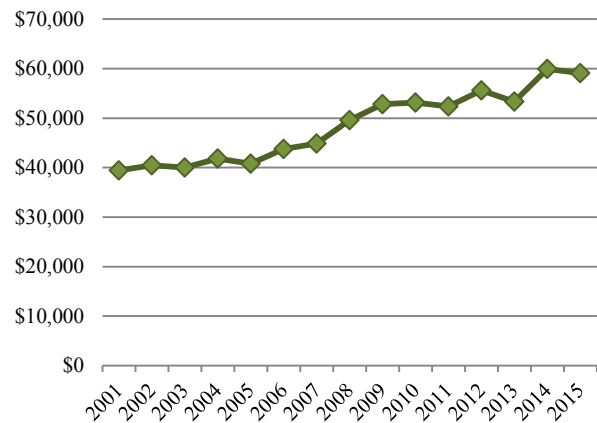


Figure 16-10: Average base salary of full-time instructors: 2001-2015.

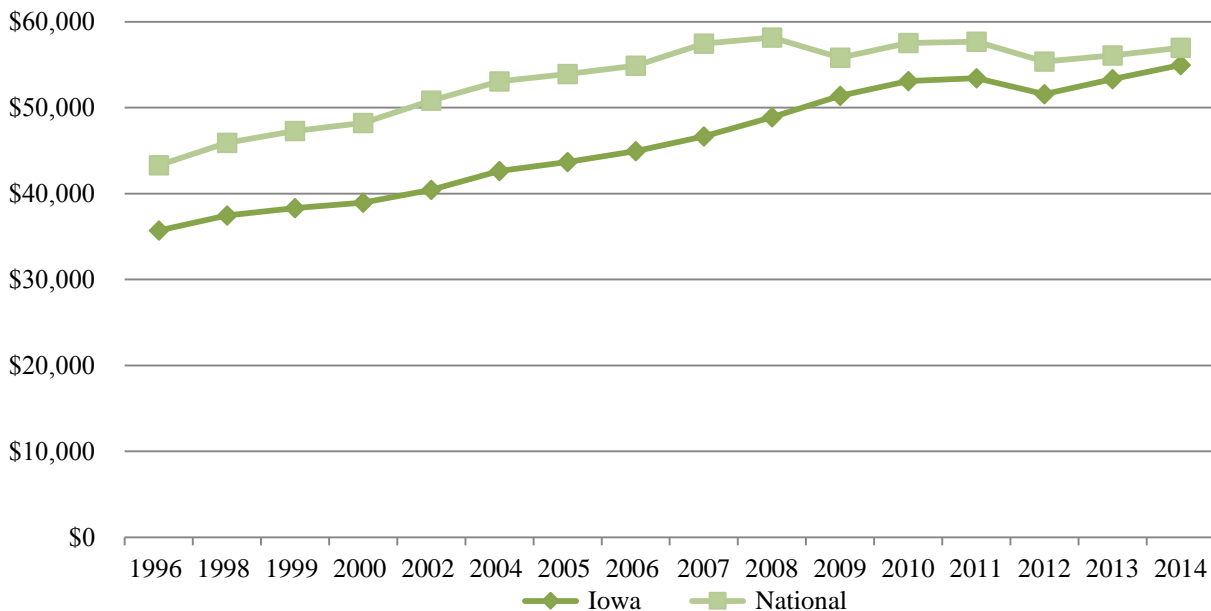


(MIS), there are a number of other state and federal reports that publish faculty salaries. Variances among those reports are due to differences in factors (i.e., definitions, classification systems, and contract periods). For example, for FY 2014, the National Center for Educational Statistics (NCES) published \$56,971 as an average salary of full-time instructors* in two-year public institutions based on nine-month contracts.

The *Chronicle of Higher Education Almanac* also publishes annual data for colleges nationwide and by state. According to their data from 1996 through 2014, the average salary steadily increased for Iowa

full-time community college instructors. In 2014, the annual increase was 3.8 percent, while the average salary increase nationally was 1.6 percent (Figure 16-11). Iowa’s 16-year average salaries demonstrated an increase of 2.9 percent since 1996, while the national average increased 1.9 percent annually during the same time period. However, despite larger salary percentage increases, this data reports that Iowa community college instructors were paid on average 96.5 percent of the national average salary for two-year public institutions in fiscal year 2014 (latest available data).

Figure 16-11: Comparison of Iowa and national average salaries for full-time faculty members: 1996-2014.



SOURCE: *The Chronicle of Higher Education Almanac* Issues 1998 through 2014.

*NOTE: Before 2004, *The Chronicle of Higher Education Almanac* published the data every other year.

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SPECIAL SUPPLEMENT: CREDIT STUDENT IN-STATE MIGRATION

Selecting a college for postsecondary education is a decision that involves multiple factors, from factual (distance, acceptance criteria, tuition) to third-party assessments (popularity, accreditation, program quality), to personal (climate preferences, friends, athletic activities). Colleges, in turn, market their programs and services to attract out-of-state and international students, as well as to retain as many in-state students as possible.

Nationwide data has been used for analyses of out-of-state student enrollment patterns. For example, the National Center for Higher Education Management Systems (NCHEMS, 2006) published a distribution of per-state ratios of “imported” and “exported” students for all colleges and universities. For this study, NCHEMS utilized a specific cohort of students, all first-time freshmen – not just those directly out of high school¹, and measured the levels of “imports” versus “exports” as a ratio (Figure 17-1).

The state ratios were calculated by comparing the number of first-time freshmen imported from other states divided by the number of first-time freshmen residing in the state who attended college out-of-state (i.e., import/export ratio). A ratio of “1” indicates that the number of students imported and exported are the same. A ratio greater than 1 means that more students were imported than exported; and a ratio less than 1 means that the state institutions exported more students

IN-STATE MIGRATION PATTERNS

PERCENTAGE OF IN-STATE MIGRANT STUDENTS, SIX YEAR AVERAGE:

11.86%

EXPORT/IMPORT RATIO RANGE, SIX YEAR AVERAGE:

0.5 - 3.9

than they imported. For example, Figure 17-1 shows Arizona’s ratio was 6.17, meaning that their colleges and universities imported over six times more students than they exported to other states.

The American College Testing (ACT) organization’s College Choice Report (2012) is another example of out-of-state student migration analysis. Its study established that 22 percent of the 2012 high school graduating class attended out-of-state colleges.²

In contrast to out-of-state migration, in-state student migration patterns have not been explored in any significant detail. One such study, an earlier (1972)

¹<http://www.higheredinfo.org/dbrowser/index.php?submeasure=61year=2006&level=&mode=definitions&state=0>

²<https://www.act.org/collegechoice/12/>

Figure 17-1: Import/export ratio of college-going students, 2006.

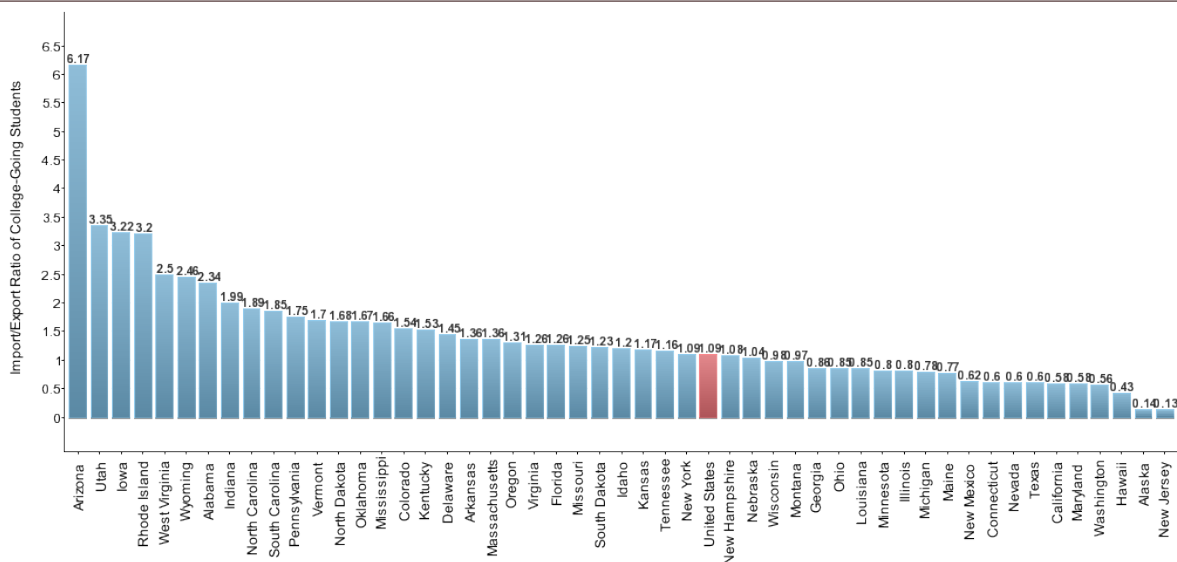
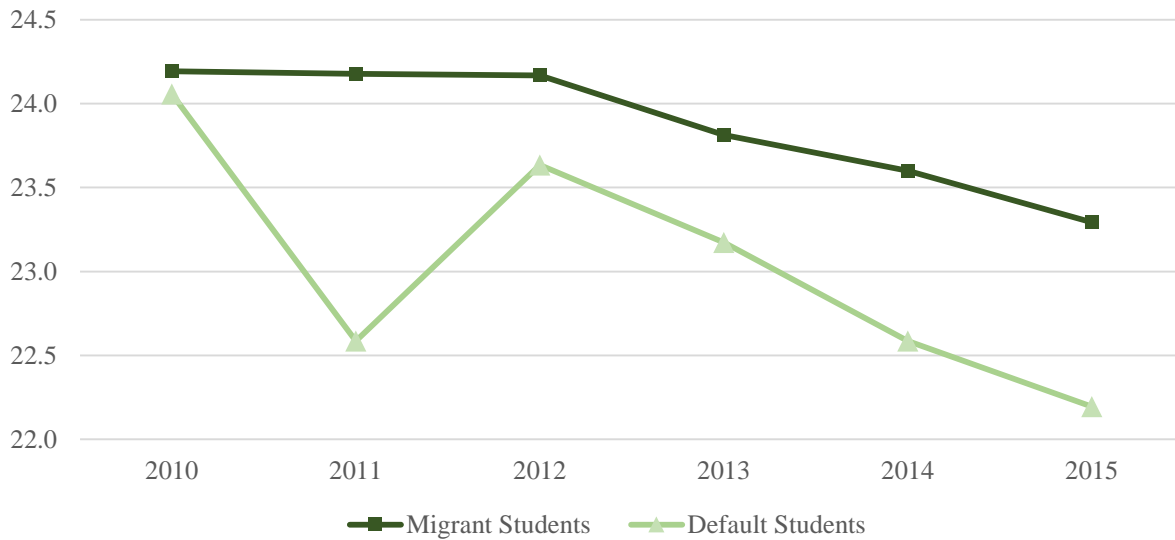


Figure 17-2: Six years average age of migrant and default students.



ACT report, explored students who “attended college within their state of residence but away from their home community.”³ This study involved all postsecondary institutions, leaving in-state migration of community college students as a separate category relatively unstudied. However, knowing such enrollment patterns could help community colleges retain their “home community” students more efficiently.

This section of the Condition of Iowa’s Community Colleges report provides some general data for the comparison of Iowa community college students’ enrollment patterns over the past six years. In 2010, the community college Management Information System (MIS) started collecting community college students’

³https://www.act.org/research/researchers/reports/pdf/ACT_RR54.pdf

ZIP codes of domicile. Since some ZIP code areas do not coincide with the geographic boundaries of Iowa community college service regions, each ZIP code area was assigned to only one community college based on ZIP code area centroids (i.e., the physical center of the ZIP code area).

Distributions of students per ZIP code and community college regions were used to establish the number of students who live within each community college region and attend that college (default student population) versus the number of students who live in one community college region, but attend a different Iowa community college (migrant student population). For the purposes of this analysis, each Iowa community college is viewed as an institution with default and migrant (i.e., exported and imported) in-state students. Out-of-state and international students were excluded from this analysis because of its focus on in-state student migration.

The analysis involved several additional aggregations. Some key demographic characteristics of migrant students (age, gender, race, and ethnicity) were compared to those of the default students. Geographic Information System (GIS) analysis allowed for the calculation of the distance from each migrant student’s domicile to the default college (main campus) and to the main campus of the college of attendance. In addition, the availability of the student’s educational program of study at the default college was established for each migrant student.

On average, the percentages of in-state migration on an annual basis were remarkably stable. From 2010 through 2015, the percentages only fluctuated by 0.5 percent, from 11.58 to 12.03, with a six-year average of 11.9 percent. However, export versus import ratios among Iowa community colleges differed more significantly, from 0.5 to 3.9 as a six-year average. With this export/import calculation, a ratio of “1” indicates

Figure 17-3: Gender of migrant and default students.

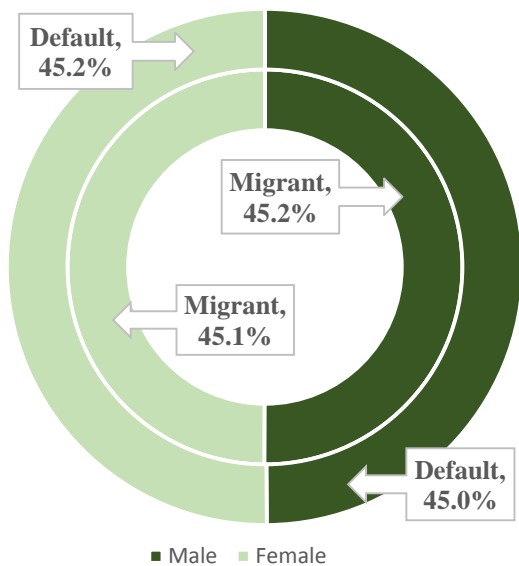
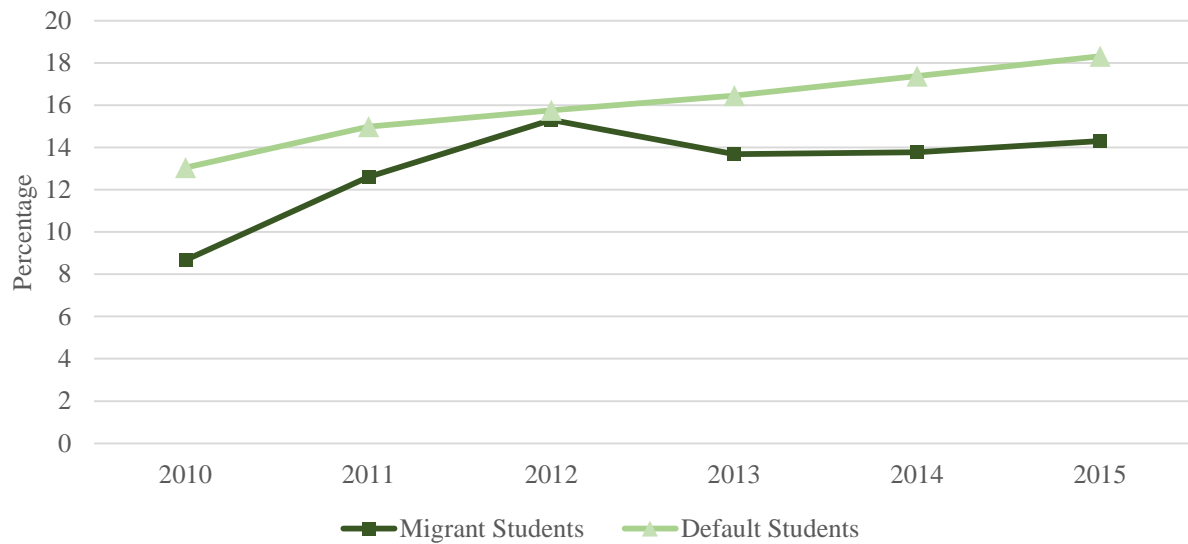


Figure 17-4: Percentage of racial and ethnic minorities among of migrant and default students.



that the community college exports as many students as it imports, a ratio less than one means that the college imports more students than it exports, and a ratio greater than 1 means the college exports more students than it imports.

A typical Iowa community college in-state migrant student is only marginally different from a default student. Six-year averages demonstrate that a migrant student is predominantly female (54.9 percent versus a default of 55.7 percent), 23.9 years old (default student is 23.3 years old), and white (86.9 percent versus a default of 84.0 percent) (see figures 17-2, 17-3, and 17-4).

In terms of distance from home to the colleges, 87.4 migrant students traveled farther to their college of attendance than they would have to their default college. Regarding the availability of the migrant students' programs of study at their default community college, the six-year average shows that in 86.3 percent of all cases the program was available at the default college. In fact, only 11.6 percent of the migrant students traveled less in pursuit of a program of study that was not available in their default college (six year averages).

College regional distribution of all described

enrollment categories can be discovered using the "College Area Interactive Maps and Charts" data sets, and the distribution by ZIP code of domicile can be found under the "Zip Code Area Interactive Maps and Charts" on the Department's web page:

<https://www.educateiowa.gov/adult-career-community-college/publications>

Known Limitations

1. Depending on the method of the data collection, some students might have reported their current, not original, ZIP code of domicile.
2. In some cases, the physical centroid of a ZIP code area might not represent the statistical majority of the area's populous.
3. Travel distance was calculated based on "point-to-point" linear distance between ZIP code area centroids and each community college main campus. Thus, it is shorter than actual road-based routes. Some students could have also attended classes offered at college sites other than the main campus.

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18

SPECIAL SUPPLEMENT: INDUSTRY RECOGNIZED CREDENTIALS

The community college credential landscape extends beyond traditional academic awards to encompass industry certifications and state-issued licenses. With expansion of the credentialing landscape, questions have been raised about which credentials hold value in the labor market and how educational leaders determine the impact various credentials have on the workforce outcomes of students. While there has been significant progress on describing traditional academic credentials, data on third party certifications awarded outside the educational arena has been elusive.

Until recently, little was known about students earning industry certifications regarding the impact they have on employment and earnings. That is changing with initiatives like the Certification Data Exchange Project that matches third-party industry certification data with state education and workforce data systems. The Certification Data Exchange Project is part of a larger multi-state, multi-organization effort that seeks to expand and improve data exchange between industry certification organizations and state longitudinal data systems. More information is available at: https://www.actedonline.org/certification_data

Additionally, under the Carl D. Perkins Career and Technical Education (CTE) Act (known as Perkins IV), states have developed new measurement approaches for the core indicators of performance. Section 113 (b) (2) of the Act requires each eligible agency to identify core indicators of performance for CTE students that are valid

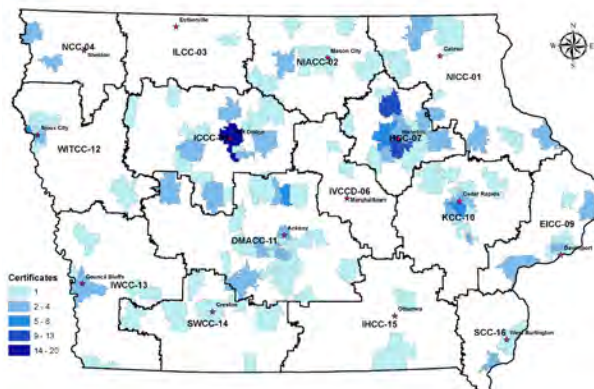
and reliable. Every year, states are expected to report performance levels on each of these core indicators to the U.S. Department of Education. Performance indicators 1P1 (technical skill attainment), 2P1 (graduation), and 3P1 (retention and transfer) prescribe utilization of not only college-granted credentials, but also those granted by third parties, including industry associations, and other authorized organizations.

Most states do not have access to industry-recognized credential data. Therefore, to improve data exchange between industry certification organizations and state education agencies, a pilot project is underway in Iowa to connect industry-recognized credentials data to Management Information System (MIS) data, and subsequently employment and wage data. Although the preliminary research described below is based on data exchanged with only one third-party industry certification organization, it has proven to be very valuable in developing the protocols and the process by which data can be collected, exchanged, and reported for all industry-recognized credentials.

CompTIA, an Information Technology certification organization, working with a six-state consortia, supported through technical assistance from the U.S. Department of Education's Office of Career, Technical, and Adult Education (OCTAE), offered to share their testing and credential data to illustrate the impact that CompTIA certificates have on Iowa's, and other states' workforce. CompTIA offers vendor-neutral IT certifications in the areas of PC support, networking, servers, Linux, security, and more. CompTIA professional certifications cover the technical skills and knowledge needed to succeed in a specific IT career.

There were 696 exams taken by 347 individuals throughout the state of Iowa from August of 2009 to June of 2014. Of those, 81.0 percent (564) resulted in a passing grade. Some examinees had taken an exam more than once and others had taken more than one type of exam (see chart below). For example, the A+ certification requires a passing grade on two exams in order to obtain certification.

Figure 18-1: Examinees by residence.



Data Match Using Management Information Systems (MIS)

The biggest challenge in matching the records received from CompTIA was the lack of personally identifiable information (PII) because the dataset contained only first name, last name, and home zip code.

An attempt was made to match the 347 individuals to the MIS in order to acquire additional PII such as Social Security Number (SSN) and birthdate. Using name and ZIP code only, 171 individuals (49.3 percent) were identified as matches using education records from 2010 through 2014. Thirteen of the 15 colleges yielded a match based on the data (concentration by geography) (Figure 18-1). Hawkeye Community College had the highest match rate followed by Iowa Central and Kirkwood. Of the 171 people who were matched in the MIS, 55 percent had taken credit courses at the college and the remaining 45 percent had taken non-credit courses. The SSN or student identifier, birthdate, and select data elements from the MIS were attached to the file to use for further analysis.

Using the more detailed data elements allowed for in-depth analysis. Figures 18-2 and 18-3 provide basic demographics for those who took the certification exams. The highest number of examinees (78) were between the ages of 18 and 25. Additionally, 141 of those identified were male, 69 female, and two did not have reported gender.

After attaching the student’s birthdate to the record, 171 records were sent to the National Student Clearinghouse (NSC) in order to gain detailed post-secondary education data including:

- Enrollment begin and end date
- Enrollment major

Figure 18-3: Gender of certified.

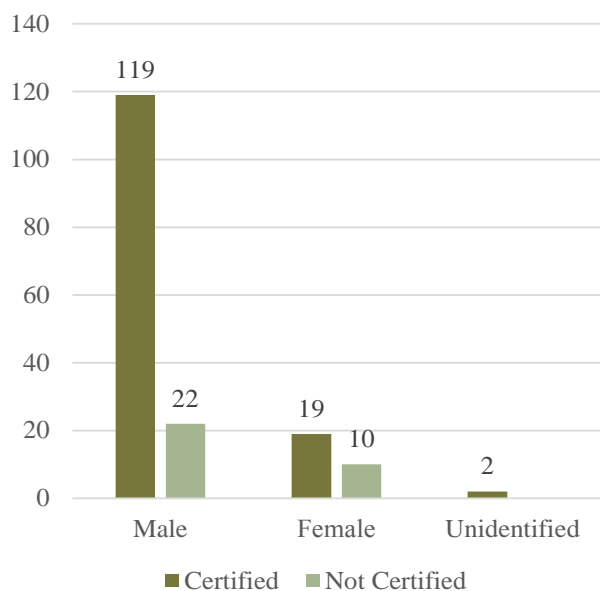
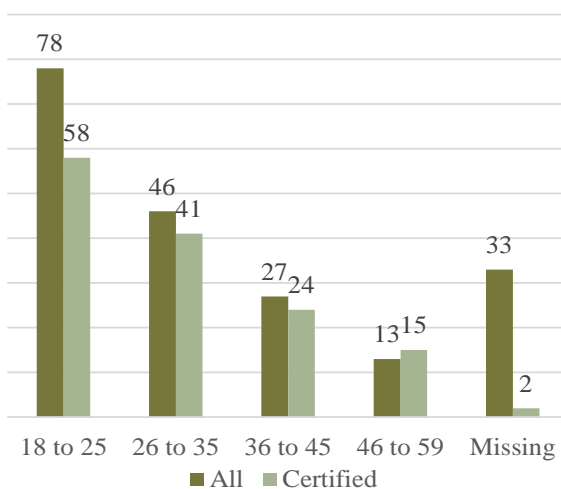


Figure 18-2: Examinees by Age Group.



- Enrollment Status (full- or part-time)
- Graduation and date
- Degree title
- Degree major and CIP code

Using the records received from the NSC, researchers were able to identify when recipients received their certification, and found that nearly half (47 percent) received their certification while attending a postsecondary institution. The remaining students took the exam either prior to entering postsecondary education or after they had finished (Figure 18-4).

The timing of exams helped researchers determine other data elements such as employment and wages for those who became certified. Breaks or decrease in employment and wages could be then explained by enrollment timing related to postsecondary enrollment.

Figure 18-4: Timing of exams as related to enrollment, percentage.



Wages and Employment for Examinees

Wage and employment data for examinees were acquired through a partnership with Iowa Workforce Development by matching the students to the Iowa Unemployment Insurance (UI) records. The most notable increase in employment and wages were for those who had become certified (Figure 18-5). Limitations of the UI wage records restrict research pertaining to the number of hours worked and job titles, therefore it could not be confirmed whether certificate recipients were employed part-time, nor if they held a different job prior to certification. However, additional analysis does show that the CompTIA certified study group did change industries following certification, moving predominantly from accommodation and food services or retail trade to the professional or educational services industries.

Wages in industries predominantly increased following certification except in educational services and accommodation and food services. Also, the median wage for new employees shifting from one industry to another can be affected by entry level wages, pulling

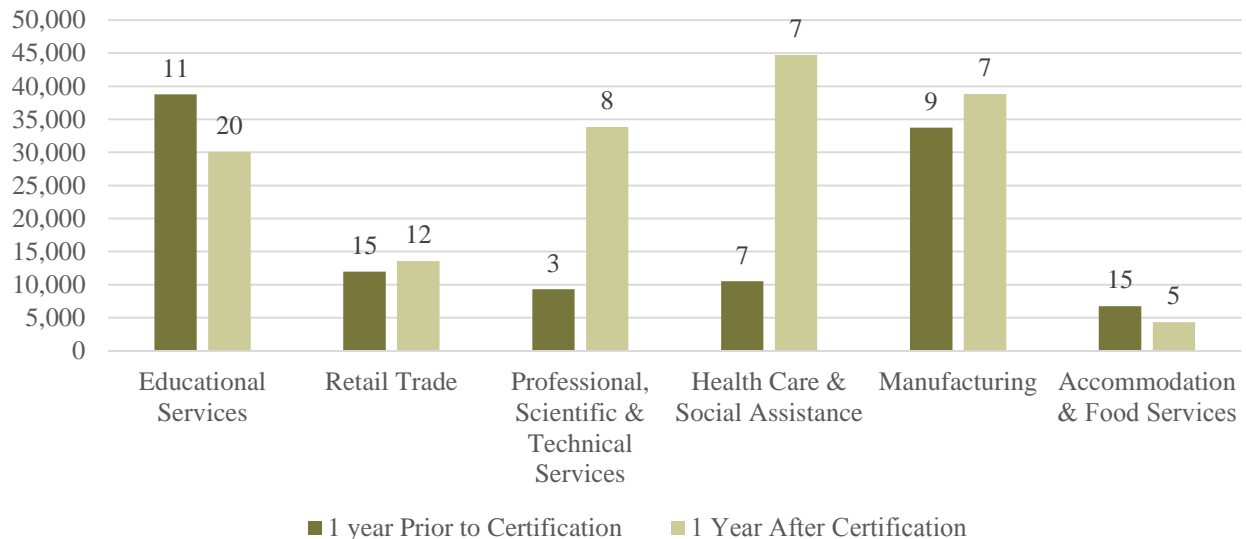
down the median wage in that category. However, the individual's 'after certification' wage was noticeably higher than the wage he or she previously received in the previous industry.

Future Plans

The U.S. Department of Education has signaled its support of this effort through two years of technical assistance, from fall 2014 through summer 2016, to further the data exchange process. In the second year, the plan is to increase the number of states in the project, continue matching data, and develop standardized procedures and data-sharing protocols to streamline future efforts.

Long-term, these standardized protocols will form the creation of a national clearinghouse for certification data exchange, similar to the National Student Clearinghouse and the Federal Employee Data Exchange System. The protocols will facilitate the legal and functional aspects of the data-sharing process and improve the data matching process for more reliable analyses.

Figure 18-5: CompTIA pre- and post-certification employment and median wage.



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Appendix METHODS

Definitions

This appendix offers definitions of terms that appear throughout the condition report.

Academic year: A 12-month period that begins with the first day of the fall term for a community college and continues through the day preceding the start of the next fall term as indicated in the community college's official calendar.

Calendar year: A 12-month period that begins January 1 and ends December 31.

Cohort: A group of people who share a common set of characteristics or experiences within a defined period.

Contact hour: The number of minutes allocated for an instructional activity. The minimum requirement for one contact hour is 50 minutes.

Credit hour: A unit of measure awarded by a postsecondary institution in recognition of a student's completion of an activity, course, or program.

Fiscal year: A 12-month period that an organization uses to make appropriations and provide financial reporting. The state of Iowa uses a fiscal year beginning July 1 and ending June 30 the following year. The federal government uses a fiscal year beginning October 1 and ending September 30 the following year. Unless noted otherwise, "fiscal year" refers to that used by the state of Iowa.

Graduation rate: The percentage of students within a defined cohort who earn a two-year award in three years or less.

Success rate: The summed percentages of students within a defined cohort who achieved one of the following outcomes in three years or less:

- earned a two-year award, but did not transfer to a four-year college or university, or;
- transferred to a four-year college or university *before* earning a two-year award, or;
- transferred to a four-year college or university *after* earning a two-year award.

Transfer rate: The percentage of students within a defined cohort who transfer to a four-year college or university in three years or less.

Year: A calendar year, unless noted otherwise.

Sources

The primary data sources are each of Iowa's 15 community colleges. Every August, community colleges transmit data to the Iowa Department of Education.

Upon receipt, Management Information System (MIS) staff members review the data for discrepancies, then return summary reports to confirm accuracy. After confirmation, data files are aggregated for analysis and subsequent reporting. The MIS staff's objective findings help guide policymakers as they make informed decisions about community colleges.

Secondary sources of data are also used, which help readers compare Iowa's community colleges with similar postsecondary institutions within the region and throughout the United States. Examples of secondary sources include the National Center for Education Statistics (NCES), Integrated Postsecondary Education Data System (IPEDS), and the National Student Clearinghouse (NSC). Data from Iowa Workforce Development are also utilized to offer insight into jobs and earnings of graduates.

The use of secondary source data calls for guarded inferences. Statistical bias is a major concern. Researchers are unable to confirm the veracity of secondary source data, because they were not in control during the collection process. Although we rely upon data from secondary sources to make certain comparisons, we acknowledge the shortcomings of its use. Please refer discrepancies within secondary sources to their respective owners.

Analyses

Analyses within the condition report are generally limited to descriptive statistics such as frequencies, means, medians, and percentages. Cross-tabulations are used wherever appropriate. The condition report also makes appropriate use of charts and graphs to help readers see trends over time.

Certain sections of the condition report contain discussions of inferential statistics. In such instances, an assumption was made that readers have limited knowledge of statistics; therefore, the discussions are written accordingly.

Suggested Usage

Best practices suggest integrating information from various parts of this report. Judgments about any particular college should especially include year-to-year indicators such as demographics, credit hours,

and non-credit contact hours. Focusing solely upon a specific indicator will provide an incomplete evaluation of a college, possibly leading one to make inaccurate judgments. Therefore, a holistic viewpoint is encouraged when making inferences from the data.

The FY 2015 Condition report contains numerous changes to past data as well as new data for the most recent fiscal year. Hence, analysts should rely primarily upon the latest report instead of data from prior condition reports.

Student Success

Cohorts

The procedure outlined below was used to define a cohort:

1. Distinct records of students who planned to earn two-year awards from three fiscal years earlier. For example:
 - a. A cohort of students from fiscal year 2010 would be used to calculate student success in the 2012 Condition Report.
 - b. Fiscal year 2012 would represent 150 percent of allocated time for these students to earn two-year awards.
2. Records were selected for inclusion from those in which students:
 - a. Were enrolled any time during the initial fiscal year for the first time at a given community college; and
 - b. Had completed at least 24 semester hours during that year.
3. Data elements
 - a. Names of community colleges students attended.
 - b. Sex;
 - c. Race/ethnicity;
 - d. Graduation status, indicating whether or not a student earned an associate degree within three years from the first date of enrollment.
 - e. Transfer status, indicating, based on data from National Student Clearinghouse, whether or not a student transferred to a four-year college or university within three years from the first date of enrollment.

Calculations

Both graduation status and transfer status have two possible outcomes. Cross-tabulations were performed to calculate the numbers and percentages of students for each of the four possible outcomes as seen in table A-1:

- neither transferred nor earned a two-year award (cell “A”);
- transferred before earning a two-year award (cell “B”);

- earned a two-year award, but did not transfer (cell “C”);
- transferred after earning a two-year award (cell “D”).

Table A-1. Generic contingency table.

		<u>X</u>		Row totals
		Col 1	Col 2	
<u>Y</u>	Row 1	A	B	A+B
	Row 2	C	D	C+D
Column totals		A+C	B+D	Grand total

Graduation Rate

Graduation rate describes the percentage of students from a given cohort who earned two-year awards within three years from the first date of enrollment, whether or not they transferred to a four-year college or university.

Equation A1 displays the formula to calculate graduation rate G :

$$G = \left(\frac{\text{Row 2 total}}{\text{Grand total}} \right) \times 100\%, \quad (\text{A1})$$

Transfer Rate

Transfer rate describes the percentage of students from a given cohort who transferred to a four-year college or university within three years from the first date of enrollment, whether or not they earned two-year awards.

Equation A2 displays the formula to calculate transfer rate T :

$$T = \left(\frac{\text{Col 2 total}}{\text{Grand total}} \right) \times 100\%, \quad (\text{A2})$$

Success Rate

Success rate describes the summed percentages of students from a given cohort who met one of the following criteria within three years from the first date of enrollment.

- transferred to a four-year college or university before earning a two-year award (cell “B”);
- earned a two-year award, but did not transfer to a four-year college or university (cell “C”);
- transferred to a four-year college or university after earning a two-year award (cell “D”).

Although one could divide the sum of these three cells by the grand total to calculate success rate, equation A3 displays an easier method:

$$S = \left(\frac{\text{Grand total} - A}{\text{Grand total}} \right) \times 100\%, \quad (\text{A3})$$

Time to Award

Studies associated with time to degree usually attempt to follow certain cohorts from entry to completion [1] [2]. One study by Maryland [3] used focus groups. The University of California-Davis (US-Davis) eschewed cohorts, looking backwards, instead, “from completed degrees to where and when the degree recipient started” [4]. Following a selected cohort and moving forward can be quite difficult. Numerous data sets must be queried in order to capture as many records as possible.

The method described by UC-Davis queried earned undergraduate degrees for a given year, and then backtracked to individual students’ matriculation dates. This method has the advantage of easy replication from one year to the next, which provides a consistent means of comparison.

Although all techniques have their limitations, the UC-Davis technique appeared to be the least onerous. The data sets available to MIS are similar to respective data sets that UC-Davis used. Based on this model, the following method was developed to estimate time to award for students who earned an associate degree during FY 2015.

A query selecting five data element—name of community college, student identification number, date of first enrollment at the listed community college, award date, and type of associate degree—was created from unique records based on student ID by an inner join of the current fiscal year student file and the current fiscal year awards file (Listing 1).

Listing 1. Query of records.

```
-- This SQL query selects records used
-- to calculate time to degree
SELECT
CommColl, -- community college
SSN, -- student's ID number
FirstEnroll, -- as char(6) text format
AwardCode, -- associate's degree codes 1-5
AwardDate -- as date format
FROM Awards_FY2015
WHERE (
(AwardCode) = "1" Or
(AwardCode) = "2" Or
(AwardCode) = "3" Or
(AwardCode) = "4" Or
(AwardCode) = "5");
```

In the MIS data base, a student’s date of first enrollment (*FirstEnroll*) is stored as a text field in the format YYYYMM. However, the award date (*AwardDate*) is stored as a date field in the format YYYY-MM-DD. Any mathematical calculations with dates required recoding *FirstEnroll* to an actual date format.

After records were selected, *FirstEnroll* was renamed as *FirstEnrollRC* and recoded to a standard date format, using the 15th day of each month as the date. Thus, 201008 from *FirstEnroll*, for example, was recoded as 2010-08-15 for *FirstEnrollRC*.

Next, *FirstEnrollRC* was subtracted from *AwardDate* and then divided by 365.25 to estimate years of study (*YOS*). Records were retained for further analysis in R [5] if $.25 < YOS \leq 5$. Listing 2 displays the code used to calculate summary statistics in R.

Listing 2. Calculation of group statistics.

```
# Calculations performed in R
# use plyr package to calculate group statistics
require(plyr)
# read yos (years of study) data from a .csv file
yos <-read.csv(file.choose(),header=T)
# create a new summary table called ccsun
# round summary stats to 2 decimal places
# group by college
ccsun<-round(ddply(yos, ~ college, summarize,
headcount=table(college),
mean=mean(years),
sd=sd(years),
median=median(years)), 2)
# write ccsun to csv file
write.csv(ccsun,“path/to/ccsun.csv”)
```

Fall Enrollment Projections

Autoregressive integrated moving average (ARIMA) is a statistical model used in time series analysis to describe an event and predict its future course. By filtering a signal from background noise, an ARIMA model can extrapolate the signal when calculating a predictive model. Independent variables in an ARIMA model are lags of the autoregressive dependent variable (AR), lags of the predictive errors from the moving average (MA), or both.

Using the latest ten year of fall enrollment data, an autoregressive integrated moving average (ARIMA) with default settings was used to estimate fall credit enrollment for 2016. Calculations were performed in R, with listing 3 displaying an R script for the ARIMA .

Listing 3. ARIMA code.

```
# Time series analysis with R
# Set working directory
# Call 'forecast' package.
library("forecast")
# Extract current year from system time
# and declare the year as numeric variable
y <- format(Sys.time(), "%Y")
y <- as.numeric(as.character(y))
#
# 'file.choose()' will prompt user to select
# a file for analysis.
# Import tab-delimited data with headers
fall <- read.table(file.choose(), head=T, sep='\t')
#
# Convert data to time series.
fall <- ts(fall, end=y, freq=1)
#
# Assign latest 10 years as row names.
rownames(fall) <- c((y-9):y)
# Calculate Holt-Winters
fithw <- holt(fall, h=3, damped=T, level=c(55,70),
  fan=F, initial="optimal", exponential=F)
#
# Create and save graph based on Holt-Winters model
# ylim describing enrollment numbers may need
# adjusting.
# R will save graph to current working directory,
# unless directed otherwise.
#
# Save as PNG image
png("hw_model.png") # calls png driver
# generate plot
plot(fithw,
  ylim=c(60000,110000),
  main="", xlab="Year",
  ylab="Enrollment",
  shadecols=c("gray90","gray75"))
# close device driver
dev.off()
#
# E O F
```

References

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2

TABLES, FALL ENROLLMENT

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Table 2-1: Historical Enrollment Since 1965

Year	Total	Full-time	Part-time	Year	Total	Full-time	Part-time	Year	Total	Full-time	Part-time
1965	9,110	8,269	841	1985	40,858	25,667	15,191	2005	82,499	41,435	41,064
1966	12,419	11,541	878	1986	42,290	26,195	16,095	2006	84,961	41,759	43,202
1967	15,411	13,667	1,744	1987	44,703	26,571	18,132	2007	87,072	42,307	44,765
1968	16,906	15,373	1,533	1988	46,336	27,192	19,144	2008	88,104	43,209	44,895
1969	18,427	16,831	1,596	1989	49,351	28,614	20,737	2009	100,736	50,683	50,053
1970	20,409	18,188	2,221	1990	51,428	29,102	22,326	2010	106,597	53,883	52,714
1971	20,844	18,309	2,535	1991	54,160	30,095	24,065	2011	105,975	51,107	54,868
1972	23,590	19,984	3,606	1992	58,192	32,715	25,477	2012	100,519	46,355	54,164
1973	25,452	20,952	4,500	1993	58,173	31,711	26,462	2013	94,234	42,186	52,048
1974	26,992	20,770	6,222	1994	58,514	31,297	27,217	2014	93,772	38,005	55,767
1975	32,792	24,324	8,468	1995	59,111	31,417	27,694	2015	93,074	37,580	55,494
1976	32,364	23,762	8,602	1996	61,642	32,602	29,040	2016			
1977	32,477	22,888	9,589	1997	60,620	32,889	27,731	2017			
1978	32,860	22,337	10,523	1998	61,479	33,048	28,431	2018			
1979	34,051	22,610	11,441	1999	63,809	33,283	30,526	2019			
1980	37,869	24,972	12,897	2000	65,473	34,047	31,426	2020			
1981	38,900	25,416	13,484	2001	68,790	35,857	32,933	2021			
1982	40,432	26,551	13,881	2002	73,947	38,660	35,287	2022			
1983	41,820	26,957	14,863	2003	78,281	41,028	37,253	2023			
1984	40,953	25,999	14,954	2004	81,803	41,778	40,025	2024			

Table 2-2: Enrollment Summary, Latest 5 Years

College	2011	2012	2013	2014	2015
Northeast	5,053	5,025	5,201	4,934	4,865
North Iowa Area	3,557	3,278	3,207	2,950	2,947
Iowa Lakes	3,258	3,041	2,650	2,391	2,366
Northwest Iowa	1,544	1,605	1,607	1,576	1,624
Iowa Central	6,298	6,216	5,697	5,686	5,634
Iowa Valley	3,054	3,117	3,141	2,987	2,761
Hawkeye	6,238	5,963	5,802	5,291	5,371
Eastern Iowa	9,839	8,474	8,694	8,143	8,383
Kirkwood	17,610	16,661	15,345	14,268	14,814
Des Moines Area	25,425	23,685	20,167	23,526	22,298
Western Iowa Tech	6,787	6,424	6,330	6,398	6,152
Iowa Western	7,176	7,367	6,991	6,623	6,562
Southwestern	1,762	1,666	1,573	1,600	1,656
Indian Hills	5,033	4,885	4,604	4,412	4,773
Southeastern	3,341	3,112	3,225	2,987	2,868
Total	105,975	100,519	94,234	93,772	93,074

Table 2-3: Summary of Credit Hours, Latest 5 Years

College	2011	2012	2013	2014	2015
Northeast	47,116	45,644	44,382	41,323	39,768
North Iowa Area	36,161	32,800	31,282	28,546	28,220
Iowa Lakes	34,920	31,940	27,586	24,519	23,379
Northwest Iowa	15,290	15,161	14,551	13,887	13,874
Iowa Central	65,466	64,287	58,038	58,303	57,874
Iowa Valley	32,733	33,575	32,104	30,258	27,865
Hawkeye	65,302	61,214	58,713	52,961	52,251
Eastern Iowa	87,325	73,161	71,887	65,438	65,842
Kirkwood	174,911	160,560	146,892	122,766	135,816
Des Moines Area	217,840	200,689	177,957	190,915	179,193
Western Iowa Tech	62,525	57,528	55,509	55,985	53,607
Iowa Western	75,930	76,351	72,170	69,220	66,909
Southwestern	17,710	16,419	15,304	15,855	16,401
Indian Hills	38,957	37,898	34,624	33,331	35,428
Southeastern	33,915	31,232	31,747	28,927	26,882
Total	1,006,101	938,456	872,744	832,233	823,306

Table 2-4: Credit Hours Per Student, Latest 5 Years

College	2011	2012	2013	2014	2015
Northeast	9.32	9.08	8.53	8.38	8.17
North Iowa Area	10.17	10.01	9.75	9.68	9.58
Iowa Lakes	10.72	10.50	10.41	10.25	9.88
Northwest Iowa	9.90	9.45	9.05	8.81	8.54
Iowa Central	10.39	10.34	10.19	10.25	10.27
Iowa Valley	10.72	10.77	10.22	10.13	10.09
Hawkeye	10.47	10.27	10.12	10.01	9.73
Eastern Iowa	8.88	8.63	8.27	8.04	7.85
Kirkwood	9.93	9.64	9.57	8.60	9.17
Des Moines Area	8.57	8.47	8.82	8.12	8.04
Western Iowa Tech	9.21	8.96	8.77	8.75	8.71
Iowa Western	10.58	10.36	10.32	10.45	10.20
Southwestern	10.05	9.86	9.73	9.91	9.90
Indian Hills	7.74	7.76	7.52	7.55	7.42
Southeastern	10.15	10.04	9.84	9.68	9.37
Total	9.49	9.34	9.26	8.88	8.85

Table 2-5: Five-Year Enrollment Trends by Status

FY 2015			
College	Full Time	Part Time	Total
Northeast	1,477	3,388	4,865
North Iowa Area	1,379	1,568	2,947
Iowa Lakes	1,114	1,252	2,366
Northwest Iowa	573	1,051	1,624
Iowa Central	2,969	2,665	5,634
Iowa Valley	1,395	1,366	2,761
Hawkeye	2,567	2,804	5,371
Eastern Iowa	2,605	5,778	8,383
Kirkwood	6,229	8,585	14,814
Des Moines Area	6,931	15,367	22,298
Western Iowa Tech	2,292	3,860	6,152
Iowa Western	3,337	3,225	6,562
Southwestern	793	863	1,656
Indian Hills	2,639	2,134	4,773
Southeastern	1,280	1,588	2,868
Total	37,580	55,494	93,074

FY 2014			
Northeast	1,642	3,292	4,934
North Iowa Area	1,420	1,530	2,950
Iowa Lakes	1,154	1,237	2,391
Northwest Iowa	575	1,001	1,576
Iowa Central	3,011	2,675	5,686
Iowa Valley	1,545	1,442	2,987
Hawkeye	2,655	2,636	5,291
Eastern Iowa	2,657	5,486	8,143
Kirkwood	5,110	9,158	14,268
Des Moines Area	7,566	15,960	23,526
Western Iowa Tech	2,412	3,986	6,398
Iowa Western	3,611	3,012	6,623
Southwestern	764	836	1,600
Indian Hills	2,456	1,956	4,412
Southeastern	1,427	1,560	2,987
Total	38,005	55,767	93,772

FY 2013			
Northeast	1,856	3,345	5,201
North Iowa Area	1,565	1,642	3,207
Iowa Lakes	1,359	1,291	2,650
Northwest Iowa	620	987	1,607
Iowa Central	2,998	2,699	5,697
Iowa Valley	1,661	1,480	3,141
Hawkeye	3,061	2,741	5,802
Eastern Iowa	3,019	5,675	8,694
Kirkwood	7,205	8,140	15,345
Des Moines Area	7,735	12,432	20,167
Western Iowa Tech	2,459	3,871	6,330
Iowa Western	3,733	3,258	6,991
Southwestern	739	834	1,573
Indian Hills	2,564	2,040	4,604
Southeastern	1,612	1,613	3,225
Total	42,186	52,048	94,234

Table 2-5 (continued)

College	FY 2012		Total
	Full Time	Part Time	
Northeast	2,071	2,954	5,025
North Iowa Area	1,684	1,594	3,278
Iowa Lakes	1,579	1,462	3,041
Northwest Iowa	689	916	1,605
Iowa Central	3,395	2,821	6,216
Iowa Valley	1,817	1,300	3,117
Hawkeye	3,305	2,658	5,963
Eastern Iowa	3,287	5,187	8,474
Kirkwood	8,045	8,616	16,661
Des Moines Area	8,433	15,252	23,685
Western Iowa Tech	2,686	3,738	6,424
Iowa Western	3,981	3,386	7,367
Southwestern	807	859	1,666
Indian Hills	2,954	1,931	4,885
Southeastern	1,621	1,491	3,112
Total	46,354	54,165	100,519

FY 2011			
Northeast	2,195	2,858	5,053
North Iowa Area	1,903	1,654	3,557
Iowa Lakes	1,770	1,488	3,258
Northwest Iowa	727	817	1,544
Iowa Central	3,492	2,806	6,298
Iowa Valley	1,795	1,259	3,054
Hawkeye	3,551	2,687	6,238
Eastern Iowa	4,125	5,714	9,839
Kirkwood	9,129	8,481	17,610
Des Moines Area	9,508	15,917	25,425
Western Iowa Tech	3,083	3,704	6,787
Iowa Western	4,071	3,105	7,176
Southwestern	876	886	1,762
Indian Hills	3,085	1,948	5,033
Southeastern	1,797	1,544	3,341
Total	51,107	54,868	105,975

Table 2-6: Five-Year Enrollment Trends by Program

FY 2015					
College	College Parallel	Career Option	CTE	Combination	Total
Northeast	3,286	0	1,579	0	4,865
North Iowa Area	2,271	1	675	0	2,947
Iowa Lakes	1,537	16	798	15	2,366
Northwest Iowa	1,108	3	513	0	1,624
Iowa Central	4,160	178	1,295	1	5,634
Iowa Valley	2,229	35	497	0	2,761
Hawkeye	3,752	0	1,619	0	5,371
Eastern Iowa	5,066	0	3,317	0	8,383
Kirkwood	9,513	1	5,300	0	14,814
Des Moines Area	17,047	816	4,435	0	22,298
Western Iowa Tech	4,047	0	2,105	0	6,152
Iowa Western	4,623	0	1,939	0	6,562
Southwestern	1,155	0	501	0	1,656
Indian Hills	2,234	0	2,539	0	4,773
Southeastern	2,207	31	630	0	2,868
Total	64,235	1,081	27,742	16	93,074

FY 2014					
Northeast	3,208	0	1,726	0	4,934
North Iowa Area	2,298	8	644	0	2,950
Iowa Lakes	1,325	204	837	25	2,391
Northwest Iowa	1,011	27	538	0	1,576
Iowa Central	4,184	238	1,264	0	5,686
Iowa Valley	2,368	34	585	0	2,987
Hawkeye	3,521	0	1,769	1	5,291
Eastern Iowa	4,856	0	3,286	1	8,143
Kirkwood	9,035	41	5,192	0	14,268
Des Moines Area	17,973	1,734	3,819	0	23,526
Western Iowa Tech	4,089	0	2,309	0	6,398
Iowa Western	4,451	0	2,172	0	6,623
Southwestern	1,096	0	504	0	1,600
Indian Hills	1,700	3	2,709	0	4,412
Southeastern	2,242	79	666	0	2,987
Total	63,357	2,368	28,020	27	93,772

FY 2013					
Northeast	3,280	0	1,921	0	5,201
North Iowa Area	2,371	95	679	62	3,207
Iowa Lakes	1,193	546	888	23	2,650
Northwest Iowa	988	51	568	0	1,607
Iowa Central	4,211	299	1,186	1	5,697
Iowa Valley	2,558	147	436	0	3,141
Hawkeye	3,847	0	1,955	0	5,802
Eastern Iowa	5,310	0	3,382	2	8,694
Kirkwood	9,619	134	5,591	1	15,345
Des Moines Area	14,553	1,907	3,707	0	20,167
Western Iowa Tech	4,062	1	2,267	0	6,330
Iowa Western	4,634	0	2,357	0	6,991
Southwestern	1,050	7	516	0	1,573
Indian Hills	1,845	0	2,759	0	4,604
Southeastern	2,345	216	664	0	3,225
Total	61,866	3,403	28,876	89	94,234

Table 2-6 (continued)

College	FY 2012					Total
	College Parallel	Career Option	CTE	Combination		
Northeast	2,992	0	2,033	0		5,025
North Iowa Area	2,273	275	728	2		3,278
Iowa Lakes	1,415	553	1,009	64		3,041
Northwest Iowa	962	55	588	0		1,605
Iowa Central	4,456	300	1,459	1		6,216
Iowa Valley	2,514	160	443	0		3,117
Hawkeye	3,930	0	2,033	0		5,963
Eastern Iowa	5,237	0	3,231	6		8,474
Kirkwood	10,003	503	6,155	0		16,661
Des Moines Area	17,579	2,365	3,741	0		23,685
Western Iowa Tech	3,990	2	2,432	0		6,424
Iowa Western	4,963	0	2,404	0		7,367
Southwestern	1,159	70	437	0		1,666
Indian Hills	2,123	10	2,752	0		4,885
Southeastern	2,168	254	690	0		3,112
Total	65,764	4,547	30,135	73		100,519

FY 2011						
Northeast	2,948	0	2,105	0		5,053
North Iowa Area	2,269	497	790	1		3,557
Iowa Lakes	1,476	620	1,147	15		3,258
Northwest Iowa	820	64	658	2		1,544
Iowa Central	4,345	321	1,624	3		6,293
Iowa Valley	2,472	154	428	0		3,054
Hawkeye	4,067	0	2,170	1		6,238
Eastern Iowa	6,119	8	3,709	3		9,839
Kirkwood	10,280	544	6,784	2		17,610
Des Moines Area	18,609	2,843	3,973	0		25,425
Western Iowa Tech	3,937	36	2,814	0		6,787
Iowa Western	4,888	0	2,288	0		7,176
Southwestern	1,196	135	431	0		1,762
Indian Hills	2,158	12	2,862	1		5,033
Southeastern	2,366	205	770	0		3,341
Total	67,950	5,439	32,553	28		105,970

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3-1. LATEST FIVE FISCAL YEARS UNDUPLICATED CREDIT ENROLLMENT

College	2011	2012	2013	2014	2015	Average Change
Northeast	7,490	7,236	7,174	7,153	6,864	-2.2
North Iowa Area	4,994	4,655	4,247	4,014	4,011	-5.3
Iowa Lakes	4,784	4,474	4,197	3,790	3,471	-7.7
Northwest	2,534	2,452	2,598	2,631	2,599	0.6
Iowa Central	9,159	8,813	8,733	7,669	8,077	-3.1
Iowa Valley	4,363	4,279	4,232	4,320	3,990	-2.2
Hawkeye	9,791	9,525	9,132	9,144	8,695	-2.9
Eastern Iowa	14,423	14,504	13,200	13,591	12,936	-2.7
Kirkwood	26,222	25,069	23,422	21,916	20,398	-6.1
Des Moines Area	38,099	38,624	36,365	36,877	36,938	-0.8
Western Iowa Tech	8,802	8,747	8,541	8,539	8,384	-1.2
Iowa Western	9,034	9,725	9,971	9,586	9,597	1.5
Southwestern	2,335	2,286	2,151	1,957	2,144	-2.1
Indian Hills	8,106	7,440	6,946	5,999	6,371	-5.8
Southeastern	5,004	4,640	4,479	4,040	4,167	-4.5
Total	155,140	152,469	145,388	141,226	138,642	-2.8

3-2. LATEST FIVE FISCAL YEARS CREDIT HOURS

College	2011	2012	2013	2014	2015	Average Change
Northeast	112,594	103,918	100,946	94,916	89,995	-5.4
North Iowa Area	78,489	74,101	67,050	61,692	60,226	-6.4
Iowa Lakes	85,787	76,037	69,316	61,140	53,725	-11.0
Northwest	35,842	34,342	35,219	33,945	32,773	-2.2
Iowa Central	145,112	143,253	140,453	122,709	128,610	-3.0
Iowa Valley	74,486	69,329	69,889	66,073	62,117	-4.4
Hawkeye	145,035	137,166	130,158	124,428	114,658	-5.7
Eastern Iowa	192,596	188,135	165,197	159,874	149,325	-6.2
Kirkwood	406,155	380,671	345,555	311,999	287,680	-8.3
Des Moines Area	499,585	490,370	460,097	458,089	446,365	-2.8
Western Iowa Tech	124,995	112,011	106,334	111,033	112,977	-2.5
Iowa Western	154,220	161,186	160,324	150,945	148,736	-0.9
Southwestern	39,082	36,911	34,470	31,315	34,093	-3.4
Indian Hills	139,839	126,174	121,030	94,010	107,842	-6.3
Southeastern	80,883	70,704	67,522	60,656	60,422	-7.0
Total	2,314,697	2,204,306	2,073,559	1,942,822	1,889,542	-4.9

3-3. ENROLLMENT BY TYPE 2015

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,534		2,213	117	6,864
North Iowa Area	3,012	6	790	203	4,011
Iowa Lakes	2,039	92	1,130	210	3,471
Northwest	1,912	20	618	49	2,599
Iowa Central	5,500	552	1,747	278	8,077
Iowa Valley	3,233	43	714		3,990
Hawkeye	6,358		2,051	286	8,695
Eastern Iowa	7,864		4,701	371	12,936
Kirkwood	13,377	52	6,486	483	20,398
Des Moines Area	29,281	2,172	4,561	924	36,938
Western Iowa Tech	5,173	2	2,968	241	8,384
Iowa Western	6,878		2,485	234	9,597
Southwestern	1,595		549		2,144
Indian Hills	2,803	4	3,558	6	6,371
Southeastern	3,225	98	844		4,167
Total	96,784	3,041	35,415	3,402	138,642

3-4. ENROLLMENT BY TYPE 2014

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,641	0	2,400	112	7,153
North Iowa Area	2,890	48	1,076	0	4,014
Iowa Lakes	1,939	583	1,063	205	3,790
Northwest	1,882	57	613	79	2,631
Iowa Central	5,174	790	1,481	224	7,669
Iowa Valley	3,524	146	650	0	4,320
Hawkeye	6,651	0	2,212	281	9,144
Eastern Iowa	8,508	0	4,738	345	13,591
Kirkwood	14,265	159	6,910	582	21,916
Des Moines Area	29,227	2,420	4,328	902	36,877
Western Iowa Tech	5,399	7	3,133	0	8,539
Iowa Western	6,685	0	2,711	190	9,586
Southwestern	1,384	4	524	45	1,957
Indian Hills	2,402	7	3,323	267	5,999
Southeastern	3,033	248	759	0	4,040
Total	97,604	4,469	35,921	3,232	141,226

3-5. ENROLLMENT BY TYPE

College	2013		Career & Technical Only	Combination	Total
	Arts & Sciences Only	Career Option Only			
Northeast	4,546	0	2,483	145	7,174
North Iowa Area	2,983	250	709	305	4,247
Iowa Lakes	2,020	665	1,138	374	4,197
Northwest	1,833	67	652	46	2,598
Iowa Central	5,805	969	1,687	272	8,733
Iowa Valley	3,495	167	570	0	4,232
Hawkeye	6,531	0	2,302	299	9,132
Eastern Iowa	8,655	0	4,166	379	13,200
Kirkwood	14,857	449	7,416	700	23,422
Des Moines Area	28,561	2,834	4,303	667	36,365
Western Iowa Tech	5,284	0	3,257	0	8,541
Iowa Western	6,924	0	2,824	223	9,971
Southwestern	1,619	55	472	5	2,151
Indian Hills	2,852	8	3,667	419	6,946
Southeastern	3,295	274	910	0	4,479
Total	99,260	5,738	36,556	3,834	145,388

3-6. ENROLLMENT BY TYPE

College	2012		Career & Technical Only	Combination	Total
	Arts & Sciences Only	Career Option Only			
Northeast	4,471	0	2,621	144	7,236
North Iowa Area	3,005	419	774	457	4,655
Iowa Lakes	2,142	733	1,311	288	4,474
Northwest	1,632	73	697	50	2,452
Iowa Central	5,867	825	1,842	279	8,813
Iowa Valley	3,539	197	543	0	4,279
Hawkeye	6,830	0	2,360	335	9,525
Eastern Iowa	9,262	0	4,709	533	14,504
Kirkwood	15,432	652	8,144	841	25,069
Des Moines Area	29,778	3,601	4,446	799	38,624
Western Iowa Tech	5,174	0	3,573	0	8,747
Iowa Western	6,783	0	2,743	199	9,725
Southwestern	1,646	142	431	67	2,286
Indian Hills	3,188	13	3,708	531	7,440
Southeastern	3,399	249	992	0	4,640
Total	102,148	6,904	38,894	4,523	152,469

3-7. ENROLLMENT BY TYPE

2011

College	Arts & Sciences		Career		Career & Technical Only	Combination	Total
	Only	Option Only	Option Only	Option Only			
Northeast	4,405	0			2,916	169	7,490
North Iowa Area	3,081	633			806	474	4,994
Iowa Lakes	2,180	823			1,488	293	4,784
Northwest	1,706	73			699	56	2,534
Iowa Central	6,022	928			1,892	317	9,159
Iowa Valley	3,559	193			611	0	4,363
Hawkeye	5,779	0			3,740	272	9,791
Eastern Iowa	9,249	14			4,740	420	14,423
Kirkwood	16,233	662			8,480	847	26,222
Des Moines Area	29,248	2,836			4,335	1,680	38,099
Western Iowa Tech	4,900	51			3,851	0	8,802
Iowa Western	6,254	1			2,550	229	9,034
Southwestern	1,659	148			449	79	2,335
Indian Hills	3,425	13			4,060	608	8,106
Southeastern	3,523	334			1,147	0	5,004
Total	101,223	6,709			41,764	5,444	155,140

3-8. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS* 2015

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	291	54	167	17	87	130	274	109	699	403	41	68	47	175	37	2,599
Architecture and Construction	126	38	99	174	51	45	100	148	377	211	154	67	72	86	47	1,795
Arts, A/V Technology and Communications	39		52	6	132	14	187	59	99	395	287	159	30	15	30	1,504
Business, Management and Administration	197	88	184	43	76	86	119	757	735	655	445	64	74	110	128	3,761
Education and Training		13						38		138	79	67				335
Finance	107	39	75	32	88	19	55	186	256	347	167	88	18	114	23	1,614
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,134	540	512	225	688	213	750	2,037	2,791	1,446	1,215	1,555	106	1,413	344	14,969
Hospitality and Tourism		7	46		93	9		237	322	266	72	83		69		1,204
Human Services	107	1	56		304	34	78	219	288	1,043	155	37		45	22	2,389
Information Technology	79	33	25	7	13	22	74	335	596	573	61	136	65	313	46	2,378
Law, Public Safety and Security	5	17	70		256	53	170	7	225	1,010	242			119	113	2,287
Manufacturing	147	101	59	97	490	73	339	642	298	542	143	91	68	658	115	3,863
Marketing, Sales and Service	37	2	18			13	75		151	275	34	64				669
Engineering and Mathematics	6	1			50	22		15	45	30	42	25		23	2	261
Transportation, Distribution and Logistics	91	72	106	92	291	24	133	328	251	421	142	239	69	429	35	2,723
College Transfer (Parallel)	4,651	3,211	2,244	1,959	5,766	3,233	6,644	8,235	13,858	30,120	5,414	7,112	1,595	2,809	3,225	100,076
Total	7,017	4,217	3,713	2,652	8,385	3,990	8,998	13,352	20,991	37,875	8,693	9,855	2,144	6,378	4,167	142,427

*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

3-9. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS* 2014

	Northwest	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	280	53	171	18	58	116	294	137	784	389	26	81	45	174	32	2,658
Architecture and Construction	125	37	167	186	38	44	113	189	434	252	162	72	61	94	44	2,018
Arts, A/V Technology and Communications	32		46	17	99	15	201	49	110	350	290	138	25	16	38	1,426
Business, Management and Administration	205	92	229	73	117	74	140	724	835	820	412	68	81	103	174	4,147
Education and Training		22						40		132	66	81				341
Finance	118	40	115	33	95	17	61	133	281	364	150	76	27	114	31	1,655
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,240	592	696	221	592	259	715	2,171	3,208	1,336	1,233	1,707	169	1,516	288	15,943
Hospitality and Tourism		10	70		94	1		302	333	277	16	90		85		1,278
Human Services	136	1	63		321	48	86	236	248	1,180	132	54		47	28	2,580
Information Technology	107	41	31	11	19	25	97	293	661	562	52	135	53	311	46	2,444
Law, Public Safety and Security	5	21	95		264	57	163	25	133	730	221			113	136	1,963
Manufacturing	136	116	70	109	483	78	406	462	324	602	159	106	55	687	130	3,923
Marketing, Sales and Service	42	11	17			13	99		139	308	45	68				742
Science, Technology, Engineering and Mathematics	5	1	2		37	31		13	36	1	31	27		35	2	221
Transportation, Distribution and Logistics	106	87	114	94	319	18	145	357	303	442	145	220	60	341	58	2,809
College Transfer (Parallel)	4,753	2,890	2,129	1,959	5,384	3,524	6,932	8,853	14,837	30,083	5,399	6,875	1,428	2,669	3,033	100,748
Total	7,290	4,014	4,015	2,721	7,920	4,320	9,452	13,984	22,666	37,828	8,539	9,798	2,004	6,305	4,040	144,896

*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

3-10. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2013

	North East	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	Southeastern	Total*
Agriculture, Food and Natural Resources	268	46	176	12	73	128	291	146	764	329	21	89	43	158	18	2,562
Architecture and Construction	138	38	194	212	45	38	80	137	450	225	175	127	57	115	51	2,082
Arts, A/V Technology and Communications	55	1	75	23	96	16	195	62	191	337	286	130	27	15	54	1,563
Business, Management and Administration	367	186	372	133	288	67	241	655	1,384	1,328	493	182	93	175	216	6,180
Education and Training		20						34	4	129	20	83				290
Finance		13							46		10					69
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,311	563	826	240	749	274	759	2,207	3,646	1,226	1,464	1,786	171	1,939	439	17,600
Hospitality and Tourism		17	74		115			193	404	273		102		112		1,290
Human Services	136	6	83		409	44	94	169	120	1,263	148	70		51	29	2,622
Information Technology	129	64	37	14	26	26	92	299	713	564	46	133	52	368	44	2,607
Law, Public Safety and Security	13	130	87		291	59	190	18	195	923	244			125	140	2,415
Manufacturing	98	86	82	74	546	64	386	353	373	500	159	74	35	659	137	3,626
Marketing, Sales and Service	40	17	16			4	118		165	337	41	67				805
Science, Technology, Engineering and Mathematics	3	24	2		48	6		21	65		22	22		31	1	245
Transportation, Distribution and Logistics	99	71	179	63	290	11	190	290	219	435	128	208	55	377	55	2,670
College Transfer (Parallel)	4,691	3,278	2,383	1,876	6,062	3,495	6,830	9,034	15,497	29,198	5,284	7,147	1,624	3,271	3,295	102,965
Total	7,348	4,560	4,586	2,647	9,038	4,232	9,466	13,618	24,236	37,067	8,541	10,220	2,157	7,396	4,479	149,591

*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

3-11. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2012

	North east	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	South eastern	Total*
Agriculture, Food and Natural Resources	203	168	222	7	81	107	341	148	825	319	18	98	53	159	21	2,770
Architecture and Construction	170	59	246	266	74	37	72	184	489	254	213	115	68	119	56	2,422
Arts, A/V Technology and Communications	54	2	136	24	79	14	197	71	213	410	239	124	36	11	49	1,659
Business, Management and Administration	401	278	322	129	316	90	296	739	1,564	1,644	538	170	147	180	253	7,067
Education and Training	0	28	0	0	0	0	0	43	8	153	13	95	0	0	0	340
Finance	0	10	0	0	0	0	0	0	52	0	17	0	0	0	0	79
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,366	620	793	230	757	253	734	2,637	3,990	1,296	1,595	1,755	206	2,138	463	18,833
Hospitality and Tourism	0	21	162	0	116	0	0	242	457	304	0	87	0	95	0	1,484
Human Services	152	9	106	0	406	54	78	156	112	1,412	155	72	0	69	24	2,805
Information Technology	159	122	50	23	32	37	93	295	793	537	61	121	45	312	46	2,726
Law, Public Safety and Security	8	146	90		286	63	196	14	290	1,396	321	0	0	142	124	3,076
Manufacturing	98	98	57	84	504	69	368	398	427	411	175	62	14	546	137	3,448
Marketing, Sales and Service	45	19	14	0	0	16	133	0	195	360	38	58	0	0	0	878
Science, Technology, Engineering and Mathematics	32	22	3	0	64	0	0	58	212	0	39	20	0	41	4	495
Transportation, Distribution and Logistics	113	68	164	69	297	0	227	328	261	437	151	186	76	486	64	2,927
College Transfer (Parallel)	4,615	3,442	2,418	1,680	6,120	3,539	7,165	9,795	16,194	30,533	5,174	6,982	1,709	3,719	3,399	106,484
Total	7,416	5,112	4,783	2,512	9,132	4,279	9,900	15,108	26,082	39,466	8,747	9,945	2,354	8,017	4,640	157,493

*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

3-12. PROGRAM ENROLLMENT BASED ON FEDERAL CAREER CLUSTERS 2011

	North East	North Iowa Area	Iowa Lakes	North West	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South Western	Indian Hills	South Eastern	Total*
Agriculture, Food and Natural Resources	221	220	231	12	85	115	361	169	822	329	23	84	48	157	31	2,908
Architecture and Construction	193	60	272	237	105	54	91	196	510	288	229	105	77	132	50	2,599
Arts, A/V Technology and Communications	49	15	100	27	80	20	296	89	238	435	196	137	45	0	39	1,766
Business, Management and Administration	486	490	375	122	319	104	253	688	1,657	1,751	541	158	145	195	314	7,598
Education and Training	0	34	0	0	0	0	0	31	12	132	16	90	0	0	0	315
Finance	0	13	0	0	0	0	0	0	60	0	21	0	0	0	0	94
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,528	581	918	229	873	281	1,308	2,624	4,006	1,351	1,729	1,650	204	2,463	515	20,260
Hospitality and Tourism	0	23	189	0	77	0	0	230	491	299	0	94	0	99	0	1,502
Human Services	161	10	101	0	458	41	108	172	143	1,294	154	74	0	87	42	2,845
Information Technology	189	124	62	23	32	51	171	233	791	473	85	100	71	399	49	2,853
Law, Public Safety and Security	3	147	118		322	42	278	18	308	1,317	373	0	0	140	176	3,242
Manufacturing	79	115	48	125	493	90	454	380	432	455	276	43	8	567	195	3,760
Marketing, Sales and Service	81	24	16	0	0	6	110		234	382	45	49	0	0	0	947
Science, Technology, Engineering and Mathematics	27	28	7	0	59	0	341	78	258	0	28	21	0	34	1	882
Transportation, Distribution and Logistics	122	74	212	71	287	0	319	331	261	443	186	202	83	485	69	3,145
College Transfer (Parallel)	4,574	3,526	2,448	1,759	6,311	3,559	6,051	9,668	17,019	30,875	4,900	6,483	1,735	4,033	3,523	106,464
Total	7,713	5,484	5,097	2,605	9,501	4,363	10,141	14,907	27,242	39,824	8,802	9,290	2,416	8,791	5,004	161,180

*Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

3-13. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS

College	2015						Two or more races	No Response	Total
	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White			
Northeast	14	25	164	108	5	6,342	40	166	6,864
North Iowa Area	12	58	189	181	1	3,504	48	18	4,011
Iowa Lakes	17	107	151	166	6	2,920	17	87	3,471
Northwest	18	33	18	116	3	2,258	32	121	2,599
Iowa Central	38	129	910	611	20	5,780	77	512	8,077
Iowa Valley	69	224	304	431	7	2,620	67	268	3,990
Hawkeye	27	196	809	262	11	7,245	145	0	8,695
Eastern Iowa	50	290	840	1,087	24	9,586	438	621	12,936
Kirkwood	100	927	1,776	929	22	14,716	472	1,456	20,398
Des Moines Area	142	1,389	2,379	2,467	19	28,036	886	1,620	36,938
Western Iowa Tech	155	235	254	1,033	16	5,706	65	920	8,384
Iowa Western	156	369	945	626	31	7,247	17	206	9,597
Southwestern	5	21	76	105	5	1,879	38	15	2,144
Indian Hills	17	70	430	294	6	5,088	102	364	6,371
Southeastern	45	83	175	190	5	3,434	123	112	4,167
Total	865	4,156	9,420	8,606	181	106,361	2,567	6,486	138,642

3-14. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS

College	2014						Two or more races	No Response	Total
	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White			
Northeast	17	34	190	110	6	6,575	32	189	7,153
North Iowa Area	9	60	165	189	1	3,543	42	5	4,014
Iowa Lakes	21	120	166	146	13	3,230	13	81	3,790
Northwest	20	40	16	101	1	2,297	34	122	2,631
Iowa Central	39	113	935	492	13	5,496	75	506	7,669
Iowa Valley	63	215	259	420	5	2,855	0	503	4,320
Hawkeye	33	207	786	282	8	7,687	141	0	9,144
Eastern Iowa	66	295	975	1,155	25	9,991	366	718	13,591
Kirkwood	92	933	1,739	816	22	15,662	449	2,203	21,916
Des Moines Area	141	1,294	2,455	2,274	35	28,288	894	1,496	36,877
Western Iowa Tech	146	218	252	1,080	15	6,151	125	552	8,539
Iowa Western	151	251	840	608	21	7,291	22	402	9,586
Southwestern	5	20	40	80	4	1,759	34	15	1,957
Indian Hills	24	55	261	228	5	4,911	75	440	5,999
Southeastern	35	68	161	182	5	3,363	132	94	4,040
Total	862	3,923	9,240	8,163	179	109,099	2,434	7,326	141,226

3-15. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS

College	2013							No Response	Total
	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races		
Northeast	20	35	190	127	10	6,532	38	222	7,174
North Iowa Area	10	51	169	195	3	3,742	43	34	4,247
Iowa Lakes	20	136	149	157	0	3,602	13	120	4,197
Northwest	17	26	10	83	0	2,308	24	130	2,598
Iowa Central	27	112	969	515	19	6,572	78	441	8,733
Iowa Valley	75	202	262	344	3	2,800	34	512	4,232
Hawkeye	31	174	792	261	10	7,730	133	1	9,132
Eastern Iowa	97	313	1,033	1,074	32	9,762	233	656	13,200
Kirkwood	116	970	1,936	800	27	17,040	420	2,113	23,422
Des Moines Area	151	1,177	2,530	2,078	26	27,804	842	1,757	36,365
Western Iowa Tech	141	173	206	839	11	5,842	121	1,208	8,541
Iowa Western	144	247	826	586	21	7,916	20	211	9,971
Southwestern	7	20	39	78	1	1,961	41	4	2,151
Indian Hills	40	60	261	204	5	5,743	81	552	6,946
Southeastern	39	51	221	176	4	3,778	121	89	4,479
Total	935	3,747	9,593	7,517	172	113,132	2,242	8,050	145,388

3-16. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS

College	2012							No Response	Total
	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races		
Northeast	21	30	178	120	3	6,597	42	245	7,236
North Iowa Area	15	56	167	169	3	4,163	47	35	4,655
Iowa Lakes	17	118	150	144	0	3,872	10	163	4,474
Northwest	13	20	21	42	2	2,204	30	120	2,452
Iowa Central	18	125	796	487	16	6,945	95	331	8,813
Iowa Valley	68	189	253	312	4	2,978	42	433	4,279
Hawkeye	33	134	820	232	10	8,184	109	3	9,525
Eastern Iowa	93	358	1,255	1,140	44	10,693	232	689	14,504
Kirkwood	103	666	1,136	394	8	11,310	83	11,369	25,069
Des Moines Area	171	1,280	3,330	1,930	33	29,004	752	2,124	38,624
Western Iowa Tech	150	181	237	782	12	5,922	123	1,340	8,747
Iowa Western	128	211	793	445	19	7,857	15	257	9,725
Southwestern	4	12	38	71	1	2,073	45	42	2,286
Indian Hills	40	67	204	175	3	6,070	52	829	7,440
Southeastern	28	61	217	198	9	3,947	87	93	4,640
Total	902	3,508	9,595	6,641	167	111,819	1,764	18,073	152,469

3-17. RACE AND ETHNICITY OF CREDIT ENROLLMENT STUDENTS

College	2011							No Response	Total
	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races		
Northeast	13	24	171	111	1	6,835	53	282	7,490
North Iowa Area	17	56	166	146	3	4,446	38	122	4,994
Iowa Lakes	21	94	181	120	0	4,192	9	167	4,784
Northwest	8	16	11	61	1	2,313	27	97	2,534
Iowa Central	23	121	801	437	12	7,225	94	446	9,159
Iowa Valley	65	141	209	308	6	2,975	37	622	4,363
Hawkeye	32	131	997	202	12	8,366	50	1	9,791
Eastern Iowa	96	393	1,149	1,047	25	10,862	195	656	14,423
Kirkwood	105	586	1,186	417	3	12,270	14	11,641	26,222
Des Moines Area	197	1,196	3,187	1,729	18	28,493	649	2,630	38,099
Western Iowa Tech	210	173	271	797	13	6,072	0	1,266	8,802
Iowa Western	106	140	682	330	17	7,410	32	317	9,034
Southwestern	10	18	46	64	1	2,131	35	30	2,335
Indian Hills	64	68	181	171	7	6,771	13	831	8,106
Southeastern	31	65	224	188	10	4,305	56	125	5,004
Total	998	3,222	9,462	6,128	129	114,666	1,302	19,233	155,140

3-18. AGE OF CREDIT ENROLLMENT STUDENTS

2015

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	2,157	2,941	639	320	460	300	46	1	6,864
North Iowa Area	940	2,078	333	185	273	184	18	0	4,011
Iowa Lakes	934	1,723	274	169	218	134	19	0	3,471
Northwest	696	1,367	220	97	130	84	3	2	2,599
Iowa Central	1,792	3,878	700	440	689	501	77	0	8,077
Iowa Valley	979	2,117	315	156	242	150	30	1	3,990
Hawkeye	1,645	4,520	1,000	496	584	405	45	0	8,695
Eastern Iowa	3,485	5,052	1,452	835	1,159	831	118	4	12,936
Kirkwood	3,702	9,721	2,519	1,223	1,802	1,246	185	0	20,398
Des Moines Area	11,876	14,546	3,624	1,968	2,663	1,889	331	41	36,938
Western Iowa Tech	2,285	3,378	927	504	732	486	71	1	8,384
Iowa Western	1,532	5,374	987	551	702	397	45	9	9,597
Southwestern	530	1,065	179	101	162	95	12	0	2,144
Indian Hills	1,284	2,728	708	459	636	458	69	29	6,371
Southeastern	1,059	1,789	371	260	383	278	21	6	4,167
Total	34,896	62,277	14,248	7,764	10,835	7,438	1,090	94	138,642
% of Total	25.2	44.9	10.3	5.6	7.8	5.4	0.8	0.1	100.0

3-19. AGE OF CREDIT ENROLLMENT STUDENTS

2014

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,427	3,604	785	417	511	358	48	3	7,153
North Iowa Area	528	2,350	345	206	303	252	30	0	4,014
Iowa Lakes	627	2,031	407	198	295	188	30	14	3,790
Northwest	459	1,568	271	96	142	76	16	3	2,631
Iowa Central	1,218	4,026	691	422	671	540	100	1	7,669
Iowa Valley	690	2,468	406	196	310	214	36	0	4,320
Hawkeye	1,152	5,074	1,230	538	626	463	60	1	9,144
Eastern Iowa	2,577	5,966	1,660	951	1,275	1,006	148	8	13,591
Kirkwood	2,654	10,758	3,119	1,560	2,091	1,514	217	3	21,916
Des Moines Area	8,250	16,641	4,066	2,251	2,996	2,257	396	20	36,877
Western Iowa Tech	1,609	3,825	1,037	590	807	580	82	9	8,539
Iowa Western	1,073	5,365	1,131	659	808	485	54	11	9,586
Southwestern	349	1,043	168	106	154	122	15	0	1,957
Indian Hills	890	2,778	668	434	618	460	92	59	5,999
Southeastern	649	1,922	449	294	416	283	27	0	4,040
Total	24,152	69,419	16,433	8,918	12,023	8,798	1,351	132	141,226
% of Total	17.1	49.2	11.6	6.3	8.5	6.2	1.0	0.1	100.0

3-20. AGE OF CREDIT ENROLLMENT STUDENTS

2013

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,248	3,732	735	414	566	412	64	3	7,174
North Iowa Area	462	2,430	385	253	367	299	48	3	4,247
Iowa Lakes	643	2,200	435	255	333	261	45	25	4,197
Northwest	414	1,540	234	114	181	94	13	8	2,598
Iowa Central	1,320	4,480	797	484	845	693	114	0	8,733
Iowa Valley	531	2,477	383	240	306	244	45	6	4,232
Hawkeye	1,103	4,954	1,232	586	672	520	64	1	9,132
Eastern Iowa	2,151	5,810	1,524	1,000	1,444	1,110	160	1	13,200
Kirkwood	2,473	11,306	3,329	1,843	2,461	1,747	249	14	23,422
Des Moines Area	8,020	15,894	3,980	2,367	3,142	2,526	411	25	36,365
Western Iowa Tech	1,462	3,786	1,035	639	863	649	103	4	8,541
Iowa Western	1,057	5,520	1,168	724	876	576	49	1	9,971
Southwestern	345	1,130	201	122	202	128	23	0	2,151
Indian Hills	865	3,135	777	567	802	632	107	61	6,946
Southeastern	527	2,142	517	360	501	373	55	4	4,479
Total	22,621	70,536	16,732	9,968	13,561	10,264	1,550	156	145,388
% of Total	15.6	48.5	11.5	6.9	9.3	7.1	1.1	0.1	100.0

3-21. AGE OF CREDIT ENROLLMENT STUDENTS

2012

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,152	3,694	779	444	631	474	61	1	7,236
North Iowa Area	482	2,558	453	284	433	383	61	1	4,655
Iowa Lakes	665	2,339	429	287	385	299	50	20	4,474
Northwest	365	1,416	227	135	174	109	18	8	2,452
Iowa Central	1,247	4,510	771	523	839	772	139	12	8,813
Iowa Valley	497	2,447	417	242	358	273	41	4	4,279
Hawkeye	1,092	5,204	1,268	632	687	576	66	0	9,525
Eastern Iowa	2,061	6,309	1,775	1,270	1,689	1,238	162	0	14,504
Kirkwood	2,328	11,999	3,583	2,133	2,782	1,943	277	24	25,069
Des Moines Area	7,620	16,797	4,437	2,834	3,614	2,813	476	33	38,624
Western Iowa Tech	1,305	3,807	1,134	704	926	747	106	18	8,747
Iowa Western	994	5,324	1,145	682	940	580	52	8	9,725
Southwestern	342	1,150	213	161	226	174	20	0	2,286
Indian Hills	848	3,182	890	646	931	772	127	44	7,440
Southeastern	508	2,203	542	404	541	392	46	4	4,640
Total	21,506	72,939	18,063	11,381	15,156	11,545	1,702	177	152,469
% of Total	14.1	47.8	11.8	7.5	9.9	7.6	1.1	0.1	100.0

3-22. AGE OF CREDIT ENROLLMENT STUDENTS 2011

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,094	3,824	794	482	651	559	71	15	7,490
North Iowa Area	592	2,683	463	303	489	410	45	9	4,994
Iowa Lakes	717	2,375	451	337	447	362	58	37	4,784
Northwest	344	1,471	216	145	178	131	24	25	2,534
Iowa Central	1,291	4,603	838	601	907	775	96	48	9,159
Iowa Valley	481	2,462	384	273	383	330	42	8	4,363
Hawkeye	1,049	5,304	1,291	688	774	620	65	0	9,791
Eastern Iowa	1,864	6,355	1,813	1,253	1,705	1,257	169	7	14,423
Kirkwood	2,337	12,681	3,677	2,270	2,857	2,130	254	16	26,222
Des Moines Area	7,297	16,747	4,275	2,866	3,486	2,930	447	51	38,099
Western Iowa Tech	1,196	3,754	1,111	694	1,036	874	123	14	8,802
Iowa Western	862	5,087	1,023	611	835	567	49	0	9,034
Southwestern	329	1,202	212	142	242	186	22	0	2,335
Indian Hills	819	3,448	965	703	994	932	163	82	8,106
Southeastern	495	2,329	599	435	592	497	54	3	5,004
Total	20,767	74,325	18,112	11,803	15,576	12,560	1,682	315	155,140
% of Total	13.4	47.9	11.7	7.6	10.0	8.1	1.1	0.2	100.0

3-23. GENDER OF CREDIT ENROLLMENT STUDENTS

College	2011				2012				2013				2014				2015			
	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%
Northeast	2,947	39.3	4,543	60.7	2,867	39.6	4,369	60.4	2,905	40.5	4,269	59.5	2,912	40.7	4,241	59.3	2,909	42.4	3,955	57.6
North Iowa Area	2,195	44.0	2,799	56.0	1,999	42.9	2,656	57.1	1,809	42.6	2,438	57.4	1,789	44.6	2,225	55.4	1,765	44.0	2,246	56.0
Iowa Lakes	2,161	45.2	2,620	54.8	1,984	44.4	2,483	55.6	1,876	44.7	2,320	55.3	1,661	43.8	2,129	56.2	1,559	44.9	1,912	55.1
Northwest	1,109	43.8	1,425	56.2	1,089	44.4	1,363	55.6	1,073	41.3	1,525	58.7	1,116	42.4	1,515	57.6	1,143	44.0	1,456	56.0
Iowa Central	4,328	47.3	4,829	52.7	4,199	47.6	4,614	52.4	4,137	47.4	4,596	52.6	3,718	48.5	3,951	51.5	3,867	47.9	4,210	52.1
Iowa Valley	1,884	43.2	2,473	56.8	1,807	42.3	2,467	57.7	1,772	41.9	2,454	58.1	1,857	43.0	2,458	57.0	1,871	46.9	2,119	53.1
Hawkeye	4,321	44.1	5,470	55.9	4,161	43.7	5,364	56.3	3,956	43.3	5,176	56.7	4,014	43.9	5,130	56.1	3,829	44.0	4,866	56.0
Eastern Iowa	6,085	42.2	8,338	57.8	6,224	42.9	8,280	57.1	5,706	43.2	7,494	56.8	5,899	43.4	7,692	56.6	5,680	43.9	7,256	56.1
Kirkwood	12,243	46.7	13,978	53.3	11,670	46.6	13,399	53.4	11,148	47.6	12,274	52.4	10,692	48.8	11,224	51.2	9,957	48.8	10,441	51.2
Des Moines Area	17,443	45.8	20,656	54.2	17,696	45.8	20,928	54.2	16,938	46.6	19,427	53.4	17,183	46.6	19,694	53.4	17,370	47.0	19,568	53.0
Western Iowa Tech	3,620	41.2	5,177	58.8	3,594	41.1	5,153	58.9	3,576	41.9	4,965	58.1	3,576	41.9	4,962	58.1	3,481	41.5	4,903	58.5
Iowa Western	3,881	43.0	5,153	57.0	4,162	42.8	5,560	57.2	4,412	44.2	5,559	55.8	4,233	44.2	5,352	55.8	4,373	45.6	5,222	54.4
Southwestern	909	38.9	1,426	61.1	836	36.6	1,450	63.4	809	37.6	1,342	62.4	780	39.9	1,177	60.1	897	41.8	1,247	58.2
Indian Hills	3,230	41.5	4,551	58.5	2,947	41.0	4,240	59.0	2,854	41.7	3,982	58.3	2,537	42.9	3,375	57.1	2,766	43.8	3,547	56.2
Southeastern	1,971	39.4	3,033	60.6	1,738	37.5	2,902	62.5	1,735	38.7	2,744	61.3	1,596	39.5	2,444	60.5	1,686	40.5	2,480	59.5
Total	68,327	44.1	86,471	55.9	66,973	44.0	85,228	56.0	64,706	44.5	80,565	55.5	63,563	45.0	77,569	55.0	63,153	45.6	75,428	54.4

Note: Unknown students were omitted from the chart. In fiscal year 2011: 342 (0.2%); fiscal year 2012: 268 (0.2%); fiscal year 2013: 117 (0.1%); fiscal year 2014: 94 (0.1%); fiscal year 2015: 61 (0.04%).

3-24. RESIDENCY OF CREDIT ENROLLMENT STUDENTS* 2015

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,206	90.4	650	9.5	8	0.1	6,864
North Iowa Area	3,692	79.3	277	6.0	42	0.9	4,655
Iowa Lakes	2,968	85.5	475	13.7	28	0.8	3,471
Northwest	2,287	93.3	306	12.5	6	0.2	2,452
Iowa Central	6,747	83.5	1,246	15.4	84	1.0	8,077
Iowa Valley	3,314	77.4	381	8.9	295	6.9	4,279
Hawkeye	8,310	95.6	357	4.1	28	0.3	8,695
Eastern Iowa	11,127	76.7	1,690	11.7	119	0.8	14,504
Kirkwood	18,471	90.6	1,216	6.0	711	3.5	20,398
Des Moines Area	36,126	93.4	412	1.1	400	1.0	38,697
Western Iowa Tech	7,242	86.4	1,097	13.1	45	0.5	8,384
Iowa Western	6,655	68.4	2,834	29.1	110	1.1	9,728
Southwestern	1,911	89.1	215	10.0	18	0.8	2,144
Indian Hills	5,682	76.4	561	7.5	128	1.7	7,440
Southeastern	3,513	84.3	611	14.7	43	1.0	4,167
Total	124,251	89.6	12,328	8.9	2,065	1.5	138,644

Note: In 2015, no Iowa community college reported students with unknown residency.*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

3-25. RESIDENCY OF CREDIT ENROLLMENT STUDENTS* 2014

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,436	90.0	707	9.9	10	0.1	7,153
North Iowa Area	3,721	79.9	249	5.3	44	0.9	4,655
Iowa Lakes	3,222	85.0	540	14.2	28	0.7	3,790
Northwest	2,305	94.0	319	13.0	7	0.3	2,452
Iowa Central	6,344	82.5	1,286	16.7	61	0.8	7,691
Iowa Valley	3,650	85.3	375	8.8	295	6.9	4,279
Hawkeye	8,738	95.6	381	4.2	25	0.3	9,144
Eastern Iowa	11,831	81.6	1,689	11.6	71	0.5	14,504
Kirkwood	19,915	90.9	1,296	5.9	705	3.2	21,916
Des Moines Area	36,109	93.3	483	1.2	353	0.9	38,697
Western Iowa Tech	7,340	86.0	1,165	13.6	34	0.4	8,539
Iowa Western	6,892	70.8	2,609	26.8	97	1.0	9,728
Southwestern	1,814	92.7	127	6.5	16	0.8	1,957
Indian Hills	5,511	74.1	396	5.3	92	1.2	7,440
Southeastern	3,421	84.7	586	14.5	33	0.8	4,040
Total	127,249	90.0	12,208	8.6	1,871	1.3	141,328

Note: In 2014, no Iowa community college reported students with unknown residency.*Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

3-26. RESIDENCY OF CREDIT ENROLLMENT STUDENTS* 2013

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,451	89.9	712	9.9	11	0.2	7,174
North Iowa Area	3,938	92.7	267	6.3	42	1.0	4,247
Iowa Lakes	3,579	85.3	601	14.3	17	0.4	4,197
Northwest	2,241	86.3	350	13.5	7	0.3	2,598
Iowa Central	7,212	82.3	1,468	16.7	88	1.0	8,768
Iowa Valley	3,628	85.8	315	7.5	285	6.7	4,228
Hawkeye	8,888	97.3	227	2.5	17	0.2	9,132
Eastern Iowa	11,547	87.5	1,583	12.0	66	0.5	13,196
Kirkwood	21,344	91.1	1,374	5.9	704	3.0	23,422
Des Moines Area	35,562	97.6	515	1.4	360	1.0	36,437
Western Iowa Tech	7,346	86.0	1,177	13.8	18	0.2	8,541
Iowa Western	7,282	73.0	2,590	26.0	104	1.0	9,976
Southwestern	1,978	92.0	157	7.3	16	0.7	2,151
Indian Hills	6,489	93.4	405	5.8	52	0.7	6,946
Southeastern	3,733	83.3	723	16.1	23	0.5	4,479
Total	131,218	90.2	12,464	8.6	1,810	1.2	145,492

Note: In 2013, Eastern Iowa CC reported 4 students and Iowa Valley CCD reported 4 students with unknown residency. *Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

3-27. RESIDENCY OF CREDIT ENROLLMENT STUDENTS* 2012

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,556	90.6	674	9.3	6	0.1	7,236
North Iowa Area	4,352	93.5	273	5.9	30	0.6	4,655
Iowa Lakes	3,819	85.4	635	14.2	20	0.4	4,474
Northwest	2,164	88.3	282	11.5	6	0.2	2,452
Iowa Central	7,617	86.1	1,148	13.0	82	0.9	8,847
Iowa Valley	3,718	87.0	293	6.9	265	6.2	4,276
Hawkeye	9,351	98.2	146	1.5	28	0.3	9,525
Eastern Iowa	12,710	87.7	1,706	11.8	82	0.6	14,498
Kirkwood	23,132	92.3	1,401	5.6	536	2.1	25,069
Des Moines Area	37,533	97.0	807	2.1	357	0.9	38,697
Western Iowa Tech	7,486	85.6	1,246	14.2	15	0.2	8,747
Iowa Western	7,113	73.1	2,488	25.6	127	1.3	9,728
Southwestern	2,141	93.7	133	5.8	12	0.5	2,286
Indian Hills	7,015	94.3	383	5.1	42	0.6	7,440
Southeastern	3,822	82.4	783	16.9	35	0.8	4,640
Total	138,529	90.8	12,398	8.1	1,643	1.1	152,570

Note: In 2012, Eastern Iowa CC reported 6 students and Iowa Valley CCD reported 3 students with unknown residency. *Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

3-28. RESIDENCY OF CREDIT ENROLLMENT STUDENTS* 2011

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,767	90.3	715	9.5	8	0.1	7,490
North Iowa Area	4,714	94.4	239	4.8	41	0.8	4,994
Iowa Lakes	4,100	85.7	651	13.6	33	0.7	4,784
Northwest	2,297	90.6	236	9.3	1	0.0	2,534
Iowa Central	7,857	85.6	1,228	13.4	94	1.0	9,179
Iowa Valley	3,874	88.8	277	6.3	212	4.9	4,363
Hawkeye	9,612	98.2	119	1.2	60	0.6	9,791
Eastern Iowa	12,649	87.7	1,693	11.7	81	0.6	14,423
Kirkwood	24,569	93.7	1,264	4.8	389	1.5	26,222
Des Moines Area	37,091	97.2	692	1.8	388	1.0	38,171
Western Iowa Tech	7,523	85.5	1,267	14.4	12	0.1	8,802
Iowa Western	6,695	74.1	2,174	24.1	166	1.8	9,035
Southwestern	2,189	93.7	139	6.0	7	0.3	2,335
Indian Hills	7,645	94.3	408	5.0	53	0.7	8,106
Southeastern	4,178	83.5	796	15.9	30	0.6	5,004
Total	141,760	91.3	11,898	7.7	1,575	1.0	155,233

Note: In 2011, there were no students with unknown residency reported. *Percent of Row Total" denotes the proportion of students in each resident category for each college. Totals may exceed the number of students since some students change residency status in the course of the Fiscal Year. Totals do not include unknown residency.

3-29. ENROLLMENT IN DEVELOPMENTAL EDUCATION*

2015

College	Students	Credit Hours	Male	Percent	Female	Percent
Northeast	894	4,381	409	45.7	485	54.3
North Iowa Area	845	3,017	376	44.5	469	55.5
Iowa Lakes	342	1,056	177	51.8	165	48.2
Northwest	29	89	18	62.1	11	37.9
Iowa Central	1,399	8,075	578	41.3	821	58.7
Iowa Valley	752	3,612	385	51.2	367	48.8
Hawkeye	1,265	7,021	530	41.9	735	58.1
Eastern Iowa	1,776	10,714	618	34.8	1,158	65.2
Kirkwood	3,414	18,949	1,574	46.1	1,840	53.9
Des Moines Area	2,140	11,047	812	37.9	1,328	62.1
Western Iowa Tech	667	2,730	185	27.7	482	72.3
Iowa Western	2,196	11,304	954	43.4	1,242	56.6
Southwestern	103	378	35	34.0	68	66.0
Indian Hills	310	931	94	30.3	216	69.7
Southeastern	727	2,405	305	42.0	422	58.0
Total	16,859	85,709	7,050	41.8	9,809	58.2

Note: Totals include student with unknown gender. In 2014, IVCCD reported 1 student of unknown gender. *A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one student with unknown gender.

3-30. ENROLLMENT IN DEVELOPMENTAL EDUCATION*

2014

College	Students	Credit Hours	Male	Percent	Female	Percent
Northeast	1,205	5,620	497	41.2	708	58.8
North Iowa Area	893	3,219	385	43.1	508	56.9
Iowa Lakes	793	1,276	415	52.3	378	47.7
Northwest	8	27	2	25.0	6	75.0
Iowa Central	1,630	9,700	684	42.0	946	58.0
Iowa Valley	790	3,661	376	47.7	413	52.3
Hawkeye	1,319	7,450	572	43.4	747	56.6
Eastern Iowa	1,906	10,884	719	37.7	1,187	62.3
Kirkwood	3,596	19,653	1,680	46.7	1,916	53.3
Des Moines Area	2,846	15,738	1,120	39.4	1,726	60.6
Western Iowa Tech	821	4,155	248	30.2	573	69.8
Iowa Western	2,215	11,143	980	44.2	1,235	55.8
Southwestern	160	592	69	43.1	91	56.9
Indian Hills	326	991	99	30.4	227	69.6
Southeastern	763	2,582	301	39.4	462	60.6
Total	19,271	96,691	8,147	42.3	11,123	57.7

Note: Totals include student with unknown gender. In 2014, IVCCD reported 1 student of unknown gender. *A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one student with unknown gender.

3-31. ENROLLMENT IN DEVELOPMENTAL EDUCATION*

2013

College	Students	Credit Hours	Male	Percent	Female	Percent
Northeast	1,325	6,289	530	40.0	795	60.0
North Iowa Area	1,030	3,648	444	43.1	586	56.9
Iowa Lakes	1,014	1,677	488	48.1	526	51.9
Northwest	5	15	1	20.0	4	80.0
Iowa Central	1,665	10,012	710	42.6	955	57.4
Iowa Valley	871	4,076	418	48.0	452	52.0
Hawkeye	1,454	8,440	613	42.2	841	57.8
Eastern Iowa	2,203	12,516	830	37.7	1,373	62.3
Kirkwood	3,868	20,409	1,759	45.5	2,109	54.5
Des Moines Area	3,170	18,224	1,286	40.6	1,884	59.4
Western Iowa Tech	1,069	5,654	334	31.2	735	68.8
Iowa Western	2,612	13,546	1,177	45.1	1,435	54.9
Southwestern	161	617	63	39.1	98	60.9
Indian Hills	521	1,673	166	31.9	355	68.1
Southeastern	910	3,028	338	37.1	572	62.9
Total	21,878	109,824	9,157	41.9	12,720	58.1

Note: Totals include students with unknown gender. In 2013, IVCCD reported 1 student of unknown gender. *A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one student with unknown gender.

3-32. ENROLLMENT IN DEVELOPMENTAL EDUCATION*

2012

College	Students	Credit Hours	Male	Percent	Female	Percent
Northeast	1,454	6,879	570	39.2	884	60.8
North Iowa Area	982	4,280	442	45.0	540	55.0
Iowa Lakes	1,218	1,950	626	51.4	592	48.6
Northwest	5	10	3	60.0	2	40.0
Iowa Central	1,644	9,204	707	43.0	937	57.0
Iowa Valley	872	3,921	378	43.4	493	56.6
Hawkeye	1,688	9,999	712	42.2	976	57.8
Eastern Iowa	2,685	14,762	1,045	38.9	1,640	61.1
Kirkwood	4,242	22,313	1,908	45.0	2,334	55.0
Des Moines Area	3,979	22,763	1,676	42.1	2,303	57.9
Western Iowa Tech	1,197	5,987	407	34.0	790	66.0
Iowa Western	2,499	13,576	1,154	46.2	1,345	53.8
Southwestern	198	775	66	33.3	132	66.7
Indian Hills	514	1,554	171	33.3	343	66.7
Southeastern	955	3,347	344	36.0	611	64.0
Total	24,132	121,320	10,209	42.3	13,922	57.7

Note: Totals include students with unknown gender. In 2012, IVCCD reported 1 student of unknown gender. *A student is counted if he or she took at least one developmental course during reporting year. Male and Female total does not include one student with unknown gender.

3-33. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS* 2015

College	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races	No Response	Total
Northeast	1	4	58	27	2	764	11	27	894
North Iowa Area	1	20	83	66	0	661	13	1	845
Iowa Lakes	5	2	29	41	0	251	0	14	342
Northwest	0	0	1	2	0	25	0	1	29
Iowa Central	7	13	349	138	5	787	18	82	1,399
Iowa Valley	25	18	154	105	3	400	27	20	752
Hawkeye	3	16	257	65	3	880	41	0	1,265
Eastern Iowa	8	25	230	214	1	1,198	70	30	1,776
Kirkwood	24	88	857	242	6	1,916	98	183	3,414
Des Moines Area	14	134	369	183	1	1,268	82	89	2,140
Western Iowa Tech	17	42	29	133	2	402	6	36	667
Iowa Western	63	37	491	188	6	1,374	1	36	2,196
Southwestern	1	0	7	10	0	83	2	0	103
Indian Hills	0	3	38	30	0	213	4	22	310
Southeastern	10	33	62	43	1	536	27	15	727
Total	179	435	3,014	1,487	30	10,758	400	556	16,859

*A student is counted if he or she took at least one developmental course during reporting year.

3-34. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS* 2014

College	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races	No Response	Total
Northeast	5	6	83	31	3	1,025	12	40	1,205
North Iowa Area	3	19	76	76	0	702	16	1	893
Iowa Lakes	8	8	58	52	4	637	1	25	793
Northwest	0	0	0	0	0	7	1	0	8
Iowa Central	14	12	439	135	4	904	30	92	1,630
Iowa Valley	27	16	121	98	3	440	0	85	790
Hawkeye	5	11	295	64	2	909	33	0	1,319
Eastern Iowa	15	17	280	227	3	1,250	56	58	1,906
Kirkwood	24	87	775	215	6	2,044	103	342	3,596
Des Moines Area	16	124	562	241	3	1,695	90	115	2,846
Western Iowa Tech	29	37	35	160	3	476	22	59	821
Iowa Western	51	24	422	191	7	1,436	4	80	2,215
Southwestern	1	1	8	14	1	132	3	0	160
Indian Hills	1	10	35	27	0	229	4	20	326
Southeastern	6	30	64	48	1	575	27	12	763
Total	205	402	3,253	1,579	40	12,461	402	929	19,271

*A student is counted if he or she took at least one developmental course during reporting year.

3-35. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS* 2013

College	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races	No Response	Total
Northeast	4	7	81	30	5	1,146	10	42	1,325
North Iowa Area	2	13	77	74	0	839	23	2	1,030
Iowa Lakes	7	9	57	64	0	835	2	40	1,014
Northwest	0	0	0	0	0	4	1	0	5
Iowa Central	9	13	422	124	6	992	19	80	1,665
Iowa Valley	29	9	137	113	1	479	9	94	871
Hawkeye	9	7	314	64	0	1,027	33	0	1,454
Eastern Iowa	21	28	363	244	7	1,435	39	66	2,203
Kirkwood	32	96	918	189	6	2,207	95	325	3,868
Des Moines Area	19	112	647	287	3	1,866	116	120	3,170
Western Iowa Tech	42	49	62	169	3	642	25	77	1,069
Iowa Western	52	40	438	227	9	1,785	6	55	2,612
Southwestern	2	0	6	16	0	133	3	1	161
Indian Hills	2	6	45	37	0	402	9	20	521
Southeastern	7	7	50	35	0	769	22	20	910
Total	237	396	3,617	1,673	40	14,561	412	942	21,878

*A student is counted if he or she took at least one developmental course during reporting year.

3-36. RACE/ETHNICITY OF DEVELOPMENTAL EDUCATION STUDENTS* 2012

College	American Indian	Asian	Black	Hispanic	Hawaiian/ Pacific Islander	White	Two or more races	No Response	Total
Northeast	5	6	79	33	1	1,259	16	55	1,454
North Iowa Area	3	11	66	63	0	811	28	0	982
Iowa Lakes	6	21	51	84	0	1,009	2	45	1,218
Northwest	0	0	0	0	0	5	0	0	5
Iowa Central	2	25	373	112	5	1,063	24	40	1,644
Iowa Valley	23	10	115	111	2	494	13	104	872
Hawkeye	13	11	388	61	2	1,185	28	0	1,688
Eastern Iowa	18	31	534	261	8	1,688	65	80	2,685
Kirkwood	27	83	498	92	5	1,408	21	2,108	4,242
Des Moines Area	33	152	964	292	3	2,237	126	172	3,979
Western Iowa Tech	37	40	71	198	3	739	33	76	1,197
Iowa Western	49	47	447	160	9	1,718	2	67	2,499
Southwestern	2	0	7	10	0	170	5	4	198
Indian Hills	3	8	32	28	0	395	3	45	514
Southeastern	9	21	82	61	3	741	25	13	955
Total	230	466	3,707	1,566	41	14,922	391	2,809	24,132

*A student is counted if he or she took at least one developmental course during reporting year.

3-37. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2015

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	62	538	109	49	77	53	6	0	894
North Iowa Area	2	645	66	35	60	35	2	0	845
Iowa Lakes	4	256	28	21	21	10	2	0	342
Northwest	0	19	4	3	1	2	0	0	29
Iowa Central	4	912	132	100	143	90	18	0	1,399
Iowa Valley	6	543	63	45	54	36	4	1	752
Hawkeye	13	818	147	87	120	71	9	0	1,265
Eastern Iowa	20	945	307	162	203	131	8	0	1,776
Kirkwood	65	1,866	421	288	457	274	43	0	3,414
Des Moines Area	36	1,086	313	188	283	198	36	0	2,140
Western Iowa Tech	10	366	98	54	88	47	4	0	667
Iowa Western	9	1,441	263	156	193	122	12	0	2,196
Southwestern	0	64	11	11	9	7	1	0	103
Indian Hills	8	141	47	24	52	33	5	0	310
Southeastern	135	394	52	36	61	46	2	1	727
Total	374	10,034	2,061	1,259	1,822	1,155	152	2	16,859
% of Total	2.2	59.5	12.2	7.5	10.8	6.9	0.9	0.0	100.0

3-38. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2014

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	57	684	161	102	114	75	12	0	1,205
North Iowa Area	1	642	88	52	59	48	3	0	893
Iowa Lakes	2	594	77	39	55	23	3	0	793
Northwest	0	5	1	0	2	0	0	0	8
Iowa Central	2	1,046	165	101	164	122	30	0	1,630
Iowa Valley	2	520	78	54	80	46	10	0	790
Hawkeye	2	766	197	107	136	99	12	0	1,319
Eastern Iowa	9	980	339	196	218	149	15	0	1,906
Kirkwood	18	1,845	499	323	513	347	50	1	3,596
Des Moines Area	28	1,362	397	289	396	327	46	1	2,846
Western Iowa Tech	5	427	141	73	92	74	9	0	821
Iowa Western	4	1,392	282	152	239	132	14	0	2,215
Southwestern	4	104	16	11	18	6	1	0	160
Indian Hills	2	140	48	42	47	38	9	0	326
Southeastern	34	490	79	49	70	40	1	0	763
Total	170	10,997	2,568	1,590	2,203	1,526	215	2	19,271
% of Total	0.9	57.1	13.3	8.3	11.4	7.9	1.1	0.0	100.0

3-39. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2013

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	59	760	162	109	149	78	8	0	1,325
North Iowa Area	0	698	92	69	103	61	7	0	1,030
Iowa Lakes	30	664	103	58	74	62	8	15	1,014
Northwest	0	2	2	1	0	0	0	0	5
Iowa Central	4	988	197	129	177	145	25	0	1,665
Iowa Valley	2	565	84	70	75	64	11	0	871
Hawkeye	4	865	203	121	138	108	15	0	1,454
Eastern Iowa	8	1,100	348	211	326	189	21	0	2,203
Kirkwood	9	1,836	544	399	581	438	59	2	3,868
Des Moines Area	44	1,406	461	341	451	412	55	0	3,170
Western Iowa Tech	6	546	176	97	144	87	13	0	1,069
Iowa Western	14	1,644	314	197	276	160	7	0	2,612
Southwestern	0	102	19	9	22	8	1	0	161
Indian Hills	1	232	63	65	88	64	8	0	521
Southeastern	124	396	112	69	127	68	14	0	910
Total	305	11,804	2,880	1,945	2,731	1,944	252	17	21,878
% of Total	1.4	54.0	13.2	8.9	12.5	8.9	1.2	0.1	100.0

3-40. AGE OF DEVELOPMENTAL EDUCATION STUDENTS 2012

College	17 &							No Response	Total
	Under	18-22	23-26	27-30	31-39	40-55	Over 55		
Northeast	64	771	186	134	169	117	13	0	1,454
North Iowa Area	2	668	96	69	83	62	2	0	982
Iowa Lakes	88	791	108	74	76	64	9	8	1,218
Northwest	0	3	0	1	0	1	0	0	5
Iowa Central	1	899	170	121	213	205	33	2	1,644
Iowa Valley	2	540	96	59	85	77	12	1	872
Hawkeye	11	957	260	151	169	126	14	0	1,688
Eastern Iowa	11	1,252	435	321	391	252	23	0	2,685
Kirkwood	18	1,992	657	413	636	472	52	2	4,242
Des Moines Area	37	1,670	590	448	628	526	77	3	3,979
Western Iowa Tech	3	560	207	126	197	92	12	0	1,197
Iowa Western	8	1,605	283	171	262	161	9	0	2,499
Southwestern	0	101	25	16	31	22	3	0	198
Indian Hills	2	168	80	80	95	77	11	1	514
Southeastern	47	547	107	73	96	71	12	2	955
Total	294	12,524	3,300	2,257	3,131	2,325	282	19	24,132
% of Total	1.3	57.2	15.1	10.3	14.3	10.6	1.3	0.1	110.3

4

TABLES, ONLINE CREDIT ENROLLMENT AND DEMOGRAPHICS

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Table 4-1: Online Enrollment by College

College	2015	2014	2013	2012	2011	5-year change (%)
Northeast	2,831	3,057	3,189	3,269	3,206	-11.70
North Iowa Area	2,280	2,197	2,462	2,577	2,540	-10.24
Iowa Lakes	1,689	1,710	1,905	1,930	2,068	-18.33
Northwest Iowa	1,659	1,624	1,625	1,381	1,256	32.09
Iowa Central	3,746	3,244	4,157	4,140	4,302	-12.92
Iowa Valley	2,337	2,502	2,455	2,331	2,275	2.73
Hawkeye	3,594	3,743	3,452	3,030	2,773	29.61
Eastern Iowa	5,580	5,620	5,752	6,357	6,411	-12.96
Kirkwood	8,710	6,752	6,880	7,191	7,265	19.89
Des Moines Area	11,018	11,010	10,793	11,183	10,535	4.58
Western Iowa Tech	4,523	4,343	4,031	4,369	4,243	6.60
Iowa Western	5,308	4,768	4,889	4,777	3,960	34.04
Southwestern	1,288	1,101	1,313	1,341	1,488	-13.44
Indian Hills	3,225	2,593	3,128	3,351	3,417	-5.62
Southeastern	2,013	1,757	2,100	2,132	2,154	-6.55
Total	59,801	56,021	58,131	59,359	57,893	3.30

Table 4-2: Online Credit Hours by College

College	2015	2014	2013	2012	2011	5-year change (%)
Northeast	19,080	21,679	23,469	23,789	23,985	-20.45
North Iowa Area	12,436	11,480	12,644	12,951	11,248	10.56
Iowa Lakes	11,261	12,184	14,011	14,376	15,828	-28.85
Northwest Iowa	11,585	11,449	11,347	9,207	8,574	35.12
Iowa Central	31,277	27,261	34,018	31,509	33,188	-5.76
Iowa Valley	15,492	16,902	17,155	16,312	16,088	-3.70
Hawkeye	20,380	20,768	19,162	16,553	15,035	35.55
Eastern Iowa	42,612	41,982	43,908	49,873	49,837	-14.50
Kirkwood	57,631	46,350	49,407	53,328	51,818	11.22
Des Moines Area	74,193	74,582	73,162	78,252	74,203	-0.01
Western Iowa Tech	34,597	31,826	30,190	33,543	33,530	3.18
Iowa Western	38,510	34,432	36,214	35,144	28,863	33.42
Southwestern	9,118	7,595	9,563	9,694	10,899	-16.34
Indian Hills	23,298	17,128	23,967	25,387	24,538	-5.06
Southeastern	15,683	13,068	15,928	16,059	15,830	-0.93
Total	417,151	388,685	414,145	425,977	413,464	0.89

Table 4-3: Online Enrollment by Career Cluster

Career Cluster	2015	2014	2013	2012	2011	5-year change (%)
Agriculture, Food, and Natural Resources	924	847	816	754	741	24.70
Architecture and Construction	413	412	402	445	436	-5.28
Arts, A/V Technology and Communications	427	342	375	431	456	-6.36
Business, Management, and Administration	2,359	2,430	3,617	3,949	4,061	-41.91
Education and Training	212	160	148	145	140	51.43
Finance	1,016	913	32	39	53	1816.98
Health Science	7,522	7,638	8,289	8,822	9,497	-20.80
Hospitality and Tourism	334	241	224	276	271	23.25
Human Services	1,362	1,341	1,428	1,458	1,388	-1.87
Information Technology	1,095	1,047	1,136	1,211	1,225	-10.61
Law, Public Safety, and Security	1,088	955	1,147	1,326	1,345	-19.11
Manufacturing	701	737	675	612	613	14.36
Marketing, Sales, and Service	329	319	335	329	334	-1.50
STEM	120	99	82	191	186	-35.48
Transportation, Distribution, and Logistics	506	468	349	384	322	57.14
Total	18,408	17,102	18,239	19,618	20,327	-9.44

Table 4-4: Numbers of Students by Age Range**FY 2015**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	311	1,411	384	198	286	208	33	0	24.5	21
North Iowa Area	217	1,434	201	133	173	110	12	0	22.7	20
Iowa Lakes	314	836	181	109	148	91	10	0	23.1	20
Northwest	408	900	138	70	84	56	1	2	21.4	20
Iowa Central	572	1,544	443	292	502	351	42	0	25.3	21
Iowa Valley	343	1,340	229	116	192	103	14	0	22.6	20
Hawkeye	295	2,249	444	196	239	157	14	0	22.9	21
Eastern Iowa	356	2,543	863	531	715	511	58	3	25.9	22
Kirkwood	633	4,446	1,343	655	919	634	80	0	24.8	21
Des Moines Area	1,192	5,168	1,622	887	1,252	789	106	2	24.7	21
Western Iowa Tech	892	1,931	575	321	477	299	28	0	23.8	21
Iowa Western	292	3,142	670	384	518	270	27	5	23.8	21
Southwestern	293	621	117	68	116	66	7	0	22.6	20
Indian Hills	303	1,466	420	299	437	265	33	2	25.4	21
Southeastern	359	922	213	144	222	145	8	0	23.8	20
Total	6,780	29,953	7,843	4,403	6,280	4,055	473	14	23.8	21

Table 4-5: Numbers of Students by Age Range**FY 2014**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	771	3,937	876	380	504	340	55	1	23.0	20
North Iowa Area	209	2,619	442	219	296	197	28	0	23.2	20
Iowa Lakes	288	2,173	417	181	240	152	24	0	22.9	20
Northwest	182	1,674	374	124	145	95	3	2	22.4	21
Iowa Central	426	4,852	938	489	723	551	98	0	24.2	21
Iowa Valley	356	2,542	445	176	268	169	33	1	22.8	20
Hawkeye	613	4,828	1,486	601	674	428	64	0	23.8	21
Eastern Iowa	1,501	6,259	1,873	931	1,295	921	152	4	24.4	21
Kirkwood	1,663	10,204	3,524	1,429	1,985	1,359	232	0	24.6	22
Des Moines Area	5,203	19,221	4,780	2,312	2,926	2,039	416	41	23.4	20
Western Iowa Tech	794	4,392	1,188	589	793	536	91	1	24.2	21
Iowa Western	417	5,823	1,411	645	803	432	57	9	23.7	21
Southwestern	162	1,323	252	107	179	104	17	0	23.3	20
Indian Hills	446	3,264	841	502	701	494	93	29	25.1	21
Southeastern	330	2,308	490	290	412	297	34	6	24.3	21
Total	13,361	75,419	19,337	8,975	11,944	8,114	1,397	94	23.9	21

Table 4-5: Numbers of Students by Age Range**FY 2013**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	219	1,447	508	264	341	242	35	1	25.3	22
North Iowa Area	136	1,411	194	121	174	143	18	0	23.5	20
Iowa Lakes	117	895	259	116	195	113	15	0	24.5	21
Northwest	244	993	172	59	97	50	8	1	22.0	20
Iowa Central	348	1,359	411	270	446	363	47	0	26.2	22
Iowa Valley	197	1,489	286	143	220	151	16	0	23.6	21
Hawkeye	152	2,288	590	214	287	195	17	0	23.7	21
Eastern Iowa	191	2,459	994	574	768	559	74	1	26.6	23
Kirkwood	186	3,063	1,240	663	927	603	69	1	26.3	23
Des Moines Area	670	5,014	1,845	986	1,398	964	132	1	25.9	22
Western Iowa Tech	478	1,976	618	369	519	344	38	1	24.9	21
Iowa Western	132	2,468	747	468	580	338	32	3	25.3	22
Southwestern	189	564	100	75	94	72	7	0	23.3	20
Indian Hills	152	1,181	362	257	361	243	32	5	26.1	22
Southeastern	216	766	227	162	230	146	10	0	25.1	21
Total	3,627	27,373	8,553	4,741	6,637	4,526	550	14	24.8	22

Table 4-6: Numbers of Students by Age Range**FY 2012**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	200	1,550	463	264	379	284	47	2	25.6	22
North Iowa Area	141	1,535	214	144	224	177	26	1	24.0	20
Iowa Lakes	124	947	281	155	213	156	28	1	25.3	21
Northwest	216	1,007	145	74	120	52	7	4	22.1	20
Iowa Central	454	1,748	516	336	592	458	53	0	26.1	22
Iowa Valley	209	1,415	260	157	215	170	27	2	24.0	20
Hawkeye	118	2,078	539	240	274	191	12	0	23.9	21
Eastern Iowa	211	2,528	887	590	865	604	67	0	26.7	23
Kirkwood	158	3,052	1,186	742	1,017	649	76	0	26.6	23
Des Moines Area	554	4,878	1,690	1,108	1,433	1,009	118	3	26.1	22
Western Iowa Tech	381	1,761	576	372	521	380	38	2	25.5	22
Iowa Western	81	2,510	754	508	614	396	25	1	25.5	22
Southwestern	195	642	145	86	145	87	13	0	24.0	20
Indian Hills	126	1,427	442	327	449	322	30	5	26.4	23
Southeastern	234	1,016	251	173	235	164	23	4	24.7	21
Total	3,402	28,094	8,349	5,276	7,296	5,099	590	25	25.1	22

Table 4-7: Numbers of Students by Age Range**FY 2011**

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Mean	Median
Northeast Iowa	238	1,494	466	283	426	317	45	0	25.9	22
North Iowa Area	110	1,557	252	152	260	216	30	0	24.6	20
Iowa Lakes	121	913	246	195	261	165	28	1	25.8	22
Northwest	145	815	147	89	107	62	11	5	23.0	20
Iowa Central	424	1,872	449	306	561	466	61	1	26.0	21
Iowa Valley	141	1,326	276	159	232	175	21	1	24.5	21
Hawkeye	60	1,863	482	208	237	165	15	0	23.9	21
Eastern Iowa	220	2,671	1,003	727	981	683	72	0	27.0	23
Kirkwood	169	2,963	1,247	912	1,147	681	71	1	26.9	24
Des Moines Area	403	4,728	1,924	1,278	1,625	1,073	149	3	26.7	23
Western Iowa Tech	323	1,886	665	432	581	425	50	7	25.9	22
Iowa Western	81	2,426	766	448	644	382	27	3	25.6	22
Southwestern	188	617	133	105	166	123	9	0	24.9	21
Indian Hills	105	1,422	512	366	495	403	42	6	27.2	23
Southeastern	184	975	288	194	274	197	19	1	25.5	22
Total	2,912	27,528	8,856	5,854	7,997	5,533	650	29	25.6	22

Table 4-9: OL Enrollment by Sex FY 2015

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	2,831	32.1	67.9	0.0
North Iowa Area	2,280	41.1	58.9	0.0
Iowa Lakes	1,689	34.3	65.7	0.0
Northwest	1,659	35.4	64.6	0.0
Iowa Central	3,746	35.3	64.7	0.0
Iowa Valley	2,337	40.1	59.9	0.0
Hawkeye	3,594	34.3	65.7	0.0
Eastern Iowa	5,580	32.4	67.6	0.0
Kirkwood	8,710	38.2	61.8	0.0
Des Moines Area	11,018	36.7	63.3	0.0
Western Iowa Tech	4,523	31.8	68.2	0.0
Iowa Western	5,308	41.8	58.1	0.0
Southwestern	1,288	34.6	65.4	0.0
Indian Hills	3,225	33.7	66.2	0.0
Southeastern	2,013	31.5	68.5	0.0
Total	59,801	36.0	64.0	0.0

Table 4-10: OL Enrollment by Sex FY 2014

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,057	29.6	70.4	0.0
North Iowa Area	2,197	42.7	57.3	0.0
Iowa Lakes	1,710	32.5	67.5	0.0
Northwest	1,624	33.9	66.1	0.0
Iowa Central	3,244	35.2	64.8	0.0
Iowa Valley	2,502	37.6	62.4	0.1
Hawkeye	3,743	33.6	66.4	0.0
Eastern Iowa	5,620	32.6	67.4	0.0
Kirkwood	6,752	36.5	63.5	0.0
Des Moines Area	11,010	36.4	63.6	0.0
Western Iowa Tech	4,343	31.6	68.4	0.0
Iowa Western	4,768	38.0	62.0	0.0
Southwestern	1,101	30.9	69.1	0.0
Indian Hills	2,593	32.0	67.7	0.3
Southeastern	1,757	32.4	67.6	0.0
Total	56,021	34.9	65.1	0.0

Table 4-11: OL Enrollment by Sex FY 2013

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,189	28.4	71.6	0.0
North Iowa Area	2,462	41.5	58.5	0.0
Iowa Lakes	1,905	33.5	66.5	0.0
Northwest	1,625	33.0	67.0	0.0
Iowa Central	4,157	35.0	65.0	0.0
Iowa Valley	2,455	36.3	63.6	0.1
Hawkeye	3,452	31.0	69.0	0.0
Eastern Iowa	5,752	32.4	67.6	0.0
Kirkwood	6,880	34.3	65.7	0.0
Des Moines Area	10,793	35.5	64.5	0.0
Western Iowa Tech	4,031	30.2	69.8	0.0
Iowa Western	4,889	38.2	61.8	0.0
Southwestern	1,313	30.8	69.2	0.0
Indian Hills	3,128	30.8	69.1	0.2
Southeastern	2,100	38.4	61.6	0.0
Total	58,131	34.1	65.9	0.0

Table 4-12: OL Enrollment by Sex FY 2012

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,269	28.3	71.7	0.0
North Iowa Area	2,577	43.1	56.9	0.0
Iowa Lakes	1,930	29.6	70.4	0.0
Northwest	1,381	34.2	65.8	0.0
Iowa Central	4,140	35.7	64.3	0.0
Iowa Valley	2,331	36.0	63.9	0.0
Hawkeye	3,030	30.7	69.3	0.0
Eastern Iowa	6,357	32.0	68.0	0.0
Kirkwood	7,191	32.7	67.3	0.0
Des Moines Area	11,183	34.8	65.2	0.0
Western Iowa Tech	4,369	29.7	70.3	0.0
Iowa Western	4,777	37.0	62.9	0.1
Southwestern	1,341	30.1	69.9	0.0
Indian Hills	3,351	31.1	68.6	0.3
Southeastern	2,132	31.4	68.6	0.0
Total	59,359	33.3	66.6	0.0

Table 4-13: OL Enrollment by Sex **FY 2011**

College	Total	Male (%)	Female (%)	Not Reported (%)
Northeast Iowa	3,206	28.1	71.9	0.0
North Iowa Area	2,540	43.5	56.5	0.0
Iowa Lakes	2,068	32.1	67.8	0.0
Northwest	1,256	32.0	68.0	0.0
Iowa Central	4,302	34.2	65.8	0.0
Iowa Valley	2,275	35.6	64.4	0.1
Hawkeye	2,773	34.1	65.9	0.0
Eastern Iowa	6,411	31.3	68.7	0.0
Kirkwood	7,265	32.9	67.1	0.0
Des Moines Area	10,535	34.7	65.3	0.0
Western Iowa Tech	4,243	29.2	70.8	0.0
Iowa Western	3,960	35.5	64.5	0.0
Southwestern	1,488	31.4	68.6	0.0
Indian Hills	3,417	29.1	70.2	0.8
Southeastern	2,154	33.3	66.7	0.0
Total	57,893	33.1	66.8	0.1

Table 4-14: OL Enrollment by Joint Enrollment

FY 2015

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	436	15.6	2,041	9.4
North Iowa Area	300	22.9	1,504	15.0
Iowa Lakes	415	34.3	2,142	20.6
Northwest	576	61.2	3,726	57.3
Iowa Central	808	32.5	3,827	17.6
Iowa Valley	463	36.5	2,659	24.9
Hawkeye	399	19.6	2,198	18.0
Eastern Iowa	467	10.6	2,611	9.3
Kirkwood	842	18.5	4,314	13.2
Des Moines Area	1,638	11.1	8,896	7.1
Western Iowa Tech	1,029	41.1	6,062	30.7
Iowa Western	400	20.2	2,128	11.6
Southwestern	373	52.5	2,048	30.2
Indian Hills	439	25.4	1,935	11.9
Southeastern	454	34.6	3,185	30.1
Total	9,039	20.5	49,276	14.0

Table 4-15: OL Enrollment by Joint Enrollment

FY 2014

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	463	16.8	2,263	10.9
North Iowa Area	325	25.1	1,630	16.4
Iowa Lakes	352	28.3	2,080	19.0
Northwest	557	61.6	3,726	57.9
Iowa Central	807	32.7	3,736	18.3
Iowa Valley	427	33.0	2,527	23.9
Hawkeye	372	17.7	1,879	14.8
Eastern Iowa	468	10.3	2,639	9.5
Kirkwood	380	8.7	1,802	6.3
Des Moines Area	1,418	10.2	7,464	6.2
Western Iowa Tech	854	34.1	4,976	26.5
Iowa Western	333	16.2	1,630	8.9
Southwestern	375	52.5	2,102	31.7
Indian Hills	323	18.8	1,269	8.3
Southeastern	381	33.2	2,258	26.0
Total	7,835	18.2	41,980	12.5

Table 4-16: OL Enrollment by Joint Enrollment

FY 2013

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	471	17.9	2,257	11.0
North Iowa Area	335	29.5	1,801	18.8
Iowa Lakes	300	23.2	1,723	15.5
Northwest	478	63.2	3,169	58.0
Iowa Central	917	34.2	3,920	17.9
Iowa Valley	394	36.4	2,236	25.0
Hawkeye	230	12.3	1,072	10.0
Eastern Iowa	456	11.9	2,488	10.8
Kirkwood	331	8.2	1,557	6.3
Des Moines Area	1,210	9.1	6,232	5.6
Western Iowa Tech	594	28.1	3,365	24.8
Iowa Western	249	11.5	1,400	7.0
Southwestern	379	53.7	2,101	31.8
Indian Hills	254	15.9	1,100	7.8
Southeastern	412	39.5	2,588	32.9
Total	7,010	17.4	37,009	11.9

Table 4-17: OL Enrollment by Joint Enrollment

FY 2012

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	484	19.7	2,275	11.9
North Iowa Area	298	24.6	1,287	13.0
Iowa Lakes	310	23.6	1,801	15.9
Northwest	333	46.9	1,930	38.6
Iowa Central	1,029	37.9	4,734	21.4
Iowa Valley	303	30.1	1,687	20.4
Hawkeye	181	9.2	848	7.2
Eastern Iowa	534	14.0	2,775	11.2
Kirkwood	310	8.3	1,384	6.6
Des Moines Area	929	7.1	4,796	4.3
Western Iowa Tech	685	30.1	3,751	24.9
Iowa Western	186	9.4	958	5.2
Southwestern	358	50.9	1,826	29.2
Indian Hills	221	14.3	972	8.1
Southeastern	360	36.9	2,401	34.0
Total	6,521	16.5	33,425	11.0

Table 4-18: OL Enrollment by Joint Enrollment

FY 2011

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	433	17.5	2,194	11.1
North Iowa Area	255	17.9	1,075	10.2
Iowa Lakes	380	26.2	2,055	17.1
Northwest	235	26.3	1,231	18.8
Iowa Central	59	2.1	248	1
Iowa Valley	251	21.9	1,345	14.7
Hawkeye	141	7.5	672	6.1
Eastern Iowa	517	11.9	2,485	6.3
Kirkwood	311	7.8	1,397	6
Des Moines Area	797	7.2	3,993	4.3
Western Iowa Tech	711	36.6	3,797	29.5
Iowa Western	152	8.7	805	4.6
Southwestern	162	23.8	752	14.2
Indian Hills	215	14.7	885	7.3
Southeastern	318	32.7	1,905	27.2
Total	4,937	12.9	24,839	8.2

**Table 4-19: Students Enrolled in Online Courses by Program and College
FY 2015**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,578	0	1,219	34	2,831
North Iowa Area	1,847	5	398	30	2,280
Iowa Lakes	1,127	55	451	56	1,689
Northwest Iowa	1,391	19	228	21	1,659
Iowa Central	2,590	459	634	63	3,746
Iowa Valley	1,846	28	463	0	2,337
Hawkeye	2,978	0	574	42	3,594
Eastern Iowa	3,648	0	1,823	109	5,580
Kirkwood	5,406	33	3,145	126	8,710
Des Moines Area	8,303	1,096	1,428	191	11,018
Western Iowa Tech	2,767	2	1,669	85	4,523
Iowa Western	3,918	0	1,314	76	5,308
Southwestern	1,097	0	191	0	1,288
Indian Hills	1,454	1	1,770	0	3,225
Southeastern	1,583	76	354	0	2,013
Total	41,533	1,774	15,661	833	59,801

**Table 4-20: Students Enrolled in Online Courses by Program and College
FY 2014**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,679	0	1,334	44	3,057
North Iowa Area	1,637	35	525	0	2,197
Iowa Lakes	1,081	304	288	37	1,710
Northwest Iowa	1,349	53	189	33	1,624
Iowa Central	2,135	635	425	49	3,244
Iowa Valley	2,048	85	369	0	2,502
Hawkeye	3,016	0	675	52	3,743
Eastern Iowa	3,691	0	1,825	104	5,620
Kirkwood	3,930	97	2,610	115	6,752
Des Moines Area	8,262	1,199	1,378	171	11,010
Western Iowa Tech	2,652	4	1,687	0	4,343
Iowa Western	3,319	0	1,397	52	4,768
Southwestern	908	3	171	19	1,101
Indian Hills	1,121	2	1,388	82	2,593
Southeastern	1,376	139	242	0	1,757
Total	38,204	2,556	14,503	758	56,021

**Table 4-21: Students Enrolled in Online Courses by Program and College
FY 2013**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,733	0	1,414	42	3,189
North Iowa Area	1,885	188	296	93	2,462
Iowa Lakes	1,153	376	327	49	1,905
Northwest Iowa	1,323	59	227	16	1,625
Iowa Central	2,723	831	538	65	4,157
Iowa Valley	2,039	109	307	0	2,455
Hawkeye	2,752	0	667	33	3,452
Eastern Iowa	3,795	0	1,831	126	5,752
Kirkwood	3,862	239	2,641	138	6,880
Des Moines Area	7,987	1,359	1,354	93	10,793
Western Iowa Tech	2,411	0	1,620	0	4,031
Iowa Western	3,329	0	1,505	55	4,889
Southwestern	1,116	47	148	2	1,313
Indian Hills	1,498	3	1,458	169	3,128
Southeastern	1,592	155	353	0	2,100
Total	39,198	3,366	14,686	881	58,131

**Table 4-22: Students Enrolled in Online Courses by Program and College
FY 2012**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,781	0	1,455	33	3,269
North Iowa Area	1,855	312	298	112	2,577
Iowa Lakes	1,177	355	354	44	1,930
Northwest Iowa	1,089	60	216	16	1,381
Iowa Central	2,783	692	593	72	4,140
Iowa Valley	1,945	120	266	0	2,331
Hawkeye	2,440	0	555	35	3,030
Eastern Iowa	4,058	0	2,153	146	6,357
Kirkwood	3,793	349	2,888	161	7,191
Des Moines Area	8,063	1,581	1,393	146	11,183
Western Iowa Tech	2,465	0	1,904	0	4,369
Iowa Western	3,280	0	1,442	55	4,777
Southwestern	1,074	112	122	33	1,341
Indian Hills	1,688	10	1,489	164	3,351
Southeastern	1,653	151	328	0	2,132
Total	39,144	3,742	15,456	1,017	59,359

**Table 4-23: Students Enrolled in Online Courses by Program and College
FY 2011**

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,619	0	1,537	50	3,206
North Iowa Area	1,783	383	273	101	2,540
Iowa Lakes	1,188	387	430	63	2,068
Northwest Iowa	945	56	230	25	1,256
Iowa Central	2,814	778	620	90	4,302
Iowa Valley	1,816	129	330	0	2,275
Hawkeye	2,004	0	743	26	2,773
Eastern Iowa	4,117	5	2,154	135	6,411
Kirkwood	3,991	326	2,815	133	7,265
Des Moines Area	7,530	1,482	1,307	216	10,535
Western Iowa Tech	2,240	36	1,967	0	4,243
Iowa Western	2,610	1	1,294	55	3,960
Southwestern	1,184	115	161	28	1,488
Indian Hills	1,552	13	1,607	245	3,417
Southeastern	1,594	176	384	0	2,154
Total	36,987	3,887	15,852	1,167	57,893

Table 4-24: Online Enrollment by Subpopulation**FY 2015**

College	American				Pac. Island	White	Not Given	Two or more	Total
	Indian	Asian	Black	Hispanic					
Northeast Iowa	5	12	72	48	2	2,577	90	25	2,831
North Iowa Area	6	36	129	102	0	1,964	13	30	2,280
Iowa Lakes	8	85	78	59	4	1,401	48	6	1,689
Northwest	13	28	15	66	2	1,441	77	17	1,659
Iowa Central	19	50	419	199	6	2,742	277	34	3,746
Iowa Valley	42	193	137	203	4	1,573	150	35	2,337
Hawkeye	14	110	331	91	4	2,993	0	51	3,594
Eastern Iowa	24	123	339	370	12	4,360	208	144	5,580
Kirkwood	48	569	525	343	10	6,396	649	170	8,710
Des Moines Area	29	333	573	458	4	8,845	526	250	11,018
Western Iowa Tech	76	93	112	385	7	3,418	394	38	4,523
Iowa Western	76	274	465	292	20	4,052	121	8	5,308
Southwestern	3	17	46	52	4	1,135	11	20	1,288
Indian Hills	7	32	314	143	3	2,561	110	55	3,225
Southeastern	21	29	57	81	1	1,700	61	63	2,013
Total	391	1,984	3,612	2,892	83	47,158	2,735	946	59,801

Table 4-25: Online Enrollment by Subpopulation**FY 2014**

College	American				Pac. Island	White	Not Given	Two or more	Total
	Indian	Asian	Black	Hispanic					
Northeast Iowa	7	20	85	47	2	2,782	96	18	3,057
North Iowa Area	4	36	116	110	0	1,898	5	28	2,197
Iowa Lakes	9	100	78	46	7	1,424	41	5	1,710
Northwest	6	29	16	62	1	1,419	66	25	1,624
Iowa Central	15	32	402	147	2	2,420	194	32	3,244
Iowa Valley	42	186	133	176	0	1,690	275	0	2,502
Hawkeye	17	123	298	92	3	3,166	0	44	3,743
Eastern Iowa	29	135	340	389	10	4,365	245	107	5,620
Kirkwood	32	403	414	196	2	4,958	631	116	6,752
Des Moines Area	32	313	644	422	9	8,773	622	195	11,010
Western Iowa Tech	67	90	105	367	8	3,398	242	66	4,343
Iowa Western	67	168	360	244	12	3,680	227	10	4,768
Southwestern	3	14	23	41	1	986	11	22	1,101
Indian Hills	10	24	158	90	1	2,167	109	34	2,593
Southeastern	15	17	50	65	2	1,518	37	53	1,757
Total	355	1,690	3,222	2,494	60	44,644	2,801	755	56,021

Table 4-26: Online Enrollment by Subpopulation**FY 2013**

College	American				Pac. Island	White	Not Given	Two or more	Total
	Indian	Asian	Black	Hispanic					
Northeast Iowa	11	22	101	54	5	2,880	96	20	3,189
North Iowa Area	5	32	128	116	1	2,126	23	31	2,462
Iowa Lakes	12	113	80	49	0	1,596	51	4	1,905
Northwest	7	19	9	52	0	1,453	69	16	1,625
Iowa Central	12	43	512	167	11	3,158	225	29	4,157
Iowa Valley	45	184	135	155	3	1,665	255	13	2,455
Hawkeye	10	90	257	71	2	2,983	1	38	3,452
Eastern Iowa	37	160	373	361	10	4,454	275	82	5,752
Kirkwood	40	377	444	202	3	5,134	588	92	6,880
Des Moines Area	33	276	691	409	6	8,482	718	178	10,793
Western Iowa Tech	65	67	81	252	4	3,105	390	67	4,031
Iowa Western	64	160	366	242	10	3,930	108	9	4,889
Southwestern	5	13	24	49	1	1,192	4	25	1,313
Indian Hills	18	31	138	63	3	2,688	138	49	3,128
Southeastern	14	24	104	85	0	1,770	43	60	2,100
Total	378	1,611	3,443	2,327	59	46,616	2,984	713	58,131

Table 4-27: Online Enrollment by Subpopulation**FY 2012**

College	American				Pac. Island	White	Not Given	Two or more	Total
	Indian	Asian	Black	Hispanic					
Northeast Iowa	10	14	76	61	2	2,960	121	25	3,269
North Iowa Area	9	33	119	100	1	2,257	22	36	2,577
Iowa Lakes	6	83	86	40	0	1,638	72	5	1,930
Northwest	6	12	18	26	1	1,237	60	21	1,381
Iowa Central	8	54	402	147	6	3,297	183	43	4,140
Iowa Valley	33	167	113	137	2	1,643	213	23	2,331
Hawkeye	9	62	206	60	5	2,657	3	28	3,030
Eastern Iowa	40	212	436	381	11	4,929	284	64	6,357
Kirkwood	36	226	267	91	0	3,839	2,720	12	7,191
Des Moines Area	38	315	1,082	390	10	8,385	794	169	11,183
Western Iowa Tech	72	65	104	252	4	3,324	478	70	4,369
Iowa Western	59	148	345	167	14	3,915	124	5	4,777
Southwestern	2	8	23	33	0	1,236	20	19	1,341
Indian Hills	21	32	113	67	1	2,863	229	25	3,351
Southeastern	8	22	78	60	2	1,891	41	30	2,132
Total	357	1,453	3,468	2,012	59	46,071	5,364	575	59,359

Table 4-28: Online Enrollment by Subpopulation

College	FY 2011								Total
	American Indian	Asian	Black	Hispanic	Pac. Island	White	Not Given	Two or more	
Northeast Iowa	5	14	66	43	0	2,918	136	24	3,206
North Iowa Area	13	29	124	76	2	2,195	77	24	2,540
Iowa Lakes	6	67	97	37	0	1,796	64	1	2,068
Northwest	6	11	9	31	0	1,139	46	14	1,256
Iowa Central	10	60	443	132	4	3,384	228	41	4,302
Iowa Valley	30	125	114	124	4	1,567	299	12	2,275
Hawkeye	9	47	238	43	4	2,409	1	22	2,773
Eastern Iowa	48	251	371	336	11	5,077	263	54	6,411
Kirkwood	34	184	291	91	1	3,944	2,717	3	7,265
Des Moines Area	54	320	877	302	5	7,895	983	99	10,535
Western Iowa Tech	104	62	110	217	3	3,345	402	0	4,243
Iowa Western	46	67	238	103	8	3,388	92	18	3,960
Southwestern	7	11	27	27	1	1,374	19	22	1,488
Indian Hills	32	24	99	65	0	3,000	189	8	3,417
Southeastern	12	19	66	67	4	1,915	53	18	2,154
Total	416	1,291	3,170	1,694	47	45,346	5,569	360	57,893

Table 4-29: Online Enrollment by Residency **FY 2015**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,444	382	5		2,831
North Iowa Area	2,009	237	34		2,280
Iowa Lakes	1,402	272	15		1,689
Northwest	1,396	257	6		1,659
Iowa Central	2,820	895	33		3,748
Iowa Valley	1,870	189	278		2,337
Hawkeye	3,277	304	13		3,594
Eastern Iowa	4,328	1,195	57		5,580
Kirkwood	7,715	506	489		8,710
Des Moines Area	10,512	293	224		11,029
Western Iowa Tech	3,784	727	12		4,523
Iowa Western	3,598	1,658	54		5,310
Southwestern	1,128	151	12		1,291
Indian Hills	2,740	419	66		3,225
Southeastern	1,693	312	8		2,013
Total	50,716	7,797	1,306	0	59,819

Table 4-30: Online Enrollment by Residency **FY 2014**

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,602	448	7	0	3,057
North Iowa Area	1,969	190	38	0	2,197
Iowa Lakes	1,420	282	8	0	1,710
Northwest	1,362	255	7	0	1,624
Iowa Central	2,344	887	13	0	3,244
Iowa Valley	2,041	199	262	0	2,502
Hawkeye	3,414	318	11	0	3,743
Eastern Iowa	4,505	1,083	32	0	5,620
Kirkwood	6,032	388	332	0	6,752
Des Moines Area	10,503	273	247	0	11,023
Western Iowa Tech	3,606	732	5	0	4,343
Iowa Western	3,360	1,358	52	0	4,770
Southwestern	1,004	87	10	0	1,101
Indian Hills	2,311	248	34	0	2,593
Southeastern	1,495	259	3	0	1,757
Total	47,968	7,007	1,061	0	56,036

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,748	433	8	0	3,189
North Iowa Area	2,211	210	41	0	2,462
Iowa Lakes	1,576	321	8	0	1,905
Northwest	1,340	278	7	0	1,625
Iowa Central	3,039	1,086	34	0	4,159
Iowa Valley	2,039	156	258	2	2,455
Hawkeye	3,284	154	14	0	3,452
Eastern Iowa	4,695	1,029	27	1	5,752
Kirkwood	6,191	397	292	0	6,880
Des Moines Area	10,258	280	260	0	10,798
Western Iowa Tech	3,343	682	6	0	4,031
Iowa Western	3,441	1,395	54	0	4,890
Southwestern	1,180	120	13	0	1,313
Indian Hills	2,852	252	24	0	3,128
Southeastern	1,752	343	5	0	2,100
Total	49,949	7,136	1,051	3	58,139

College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,840	425	4	0	3,269
North Iowa Area	2,344	207	26	0	2,577
Iowa Lakes	1,591	334	5	0	1,930
Northwest	1,149	226	6	0	1,381
Iowa Central	3,293	827	22	0	4,142
Iowa Valley	1,962	145	223	1	2,331
Hawkeye	2,923	87	20	0	3,030
Eastern Iowa	5,242	1,087	28	0	6,357
Kirkwood	6,650	366	175	0	7,191
Des Moines Area	10,426	534	230	0	11,190
Western Iowa Tech	3,607	755	7	0	4,369
Iowa Western	3,299	1,409	70	0	4,778
Southwestern	1,247	85	9	0	1,341
Indian Hills	3,096	234	21	0	3,351
Southeastern	1,754	366	12	0	2,132
Total	51,423	7,087	858	1	59,369

Table 4-33: Online Enrollment by Residency					FY 2011
College	Iowa	Out-of-State	International	Unknown	Total
Northeast Iowa	2,775	428	3	0	3,206
North Iowa Area	2,335	176	29	0	2,540
Iowa Lakes	1,732	323	13	0	2,068
Northwest	1,073	182	1	0	1,256
Iowa Central	3,310	955	39	0	4,304
Iowa Valley	1,949	150	176	0	2,275
Hawkeye	2,686	51	36	0	2,773
Eastern Iowa	5,350	1,027	34	0	6,411
Kirkwood	6,715	418	132	0	7,265
Des Moines Area	9,869	413	261	0	10,543
Western Iowa Tech	3,505	727	11	0	4,243
Iowa Western	2,800	1,065	95	0	3,960
Southwestern	1,392	0	3	0	1,395
Indian Hills	3,148	244	25	93	3,510
Southeastern	1,760	389	5	0	2,154
Total	50,399	6,548	863	93	57,903

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TABLES, JOINT ENROLLMENT AND DEMOGRAPHICS

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Table 5-1. Number of Students

	2011	2012	2013	2014	2015	Average Change 5 years, %
Northeast Iowa	2,418	2,457	2,636	2,750	2,791	2.9%
North Iowa Area	1,372	1,209	1,136	1,296	1,312	-0.9%
Iowa Lakes	1,341	1,313	1,291	1,243	1,211	-2.0%
Northwest	811	710	756	904	941	3.0%
Iowa Central	2,340	2,715	2,681	2,467	2,486	1.2%
Iowa Valley	1,025	1,006	1,082	1,294	1,269	4.4%
Hawkeye	1,804	1,976	1,877	2,097	2,036	2.4%
Eastern Iowa	3,559	3,824	3,831	4,532	4,398	4.3%
Kirkwood	3,809	3,725	4,048	4,353	4,548	3.6%
Des Moines Area	12,856	13,162	13,308	13,930	14,799	2.9%
Western Iowa Tech	2,344	2,276	2,112	2,503	2,506	1.3%
Iowa Western	1,897	1,973	2,157	2,053	1,983	0.9%
Southwestern	686	703	706	714	711	0.7%
Indian Hills	1,606	1,545	1,598	1,714	1,730	1.5%
Southeastern	1,024	976	1,043	1,146	1,313	5.1%
Total	38,892	39,570	40,262	42,996	44,034	2.5%

Table 5-2. Number of Credit Hours

	2011	2012	2013	2014	2015	Average Change 5 years, %
Northeast Iowa	18,509.5	19,105.0	20,526.0	20,683.0	21,714.0	3.2%
North Iowa Area	11,035.0	9,890.0	9,598.0	9,933.0	10,030.0	-1.9%
Iowa Lakes	11,727.0	11,302.0	11,145.0	10,976.0	10,377.0	-2.4%
Northwest	6,078.0	5,005.0	5,461.0	6,435.0	6,503.5	1.4%
Iowa Central	20,037.0	22,084.0	21,917.5	20,392.5	21,765.5	1.7%
Iowa Valley	8,492.0	8,264.5	8,949.5	10,555.0	10,694.5	4.7%
Hawkeye	10,313.0	11,740.0	10,764.0	12,693.0	12,223.0	3.5%
Eastern Iowa	22,546.0	24,832.3	22,995.5	27,837.3	28,171.8	4.6%
Kirkwood	21,895.0	21,094.5	24,774.0	28,794.5	32,681.0	8.3%
Des Moines Area	109,307.0	111,498.0	111,895.0	120,972.0	125,138.0	2.7%
Western Iowa Tech	15,936.5	15,088.0	13,587.0	18,769.0	19,722.0	4.4%
Iowa Western	19,095.0	18,508.0	20,132.5	18,349.0	18,327.0	-0.8%
Southwestern	5,834.0	6,244.0	6,607.0	6,640.0	6,785.0	3.1%
Indian Hills	12,382.5	11,933.0	14,193.5	15,200.5	16,291.5	5.6%
Southeastern	6,889.1	7,066.9	7,866.9	8,693.2	10,572.7	8.9%
Total	300,076.6	303,655.2	310,412.4	336,923.0	350,996.5	3.2%

Table 5-3. Average Credit Hours Per Student

College	2011	2012	2013	2014	2015	Average Change 5 years, %
Northeast Iowa	7.7	7.8	7.8	7.5	7.8	0.3%
North Iowa Area	8.0	8.2	8.4	7.7	7.6	-1.0%
Iowa Lakes	8.7	8.6	8.6	8.8	8.6	-0.4%
Northwest	7.5	7.0	7.2	7.1	6.9	-1.6%
Iowa Central	8.6	8.1	8.2	8.3	8.8	0.4%
Iowa Valley	8.3	8.2	8.3	8.2	8.4	0.3%
Hawkeye	5.7	5.9	5.7	6.1	6.0	1.0%
Eastern Iowa	6.3	6.5	6.0	6.1	6.4	0.2%
Kirkwood	5.7	5.7	6.1	6.6	7.2	4.6%
Des Moines Area	8.5	8.5	8.4	8.7	8.5	-0.1%
Western Iowa Tech	6.8	6.6	6.4	7.5	7.9	3.0%
Iowa Western	10.1	9.4	9.3	8.9	9.2	-1.7%
Southwestern	8.5	8.9	9.4	9.3	9.5	2.3%
Indian Hills	7.7	7.7	8.9	8.9	9.4	4.1%
Southeastern	6.7	7.2	7.5	7.6	8.1	3.7%
Total	7.7	7.7	7.7	7.8	8.0	0.8%

Table 5-4. Joint Enrollment as Percent of Total Enrollment

College	2011		2012		2013		2014		2015	
	Students,%	Credit Hours %	Students,%	Credit Hours %	Students,%	Credit Hours %	Students,%	Credit Hours %	Students,%	Credit Hours %
Northeast Iowa	32.3	16.4	34.0	18.4	36.7	20.3	38.4	21.8	39.2	24.1
North Iowa Area	27.5	14.1	26.0	13.3	26.7	14.3	32.3	16.1	30.8	16.7
Iowa Lakes	28.0	13.7	29.3	14.9	30.8	16.1	32.8	18.0	32.4	19.3
Northwest	32.0	17.0	29.0	14.6	29.1	15.5	34.4	19.0	35.2	19.8
Iowa Central	25.5	13.8	30.8	15.4	30.7	15.6	32.2	16.6	29.5	16.9
Iowa Valley	23.5	11.4	23.5	11.9	25.6	12.8	30.0	16.0	31.8	17.2
Hawkeye	18.4	7.1	20.7	8.6	20.6	8.3	22.9	10.2	22.5	10.7
Eastern Iowa	24.7	11.7	26.4	13.2	29.0	13.9	33.3	17.4	32.7	18.9
Kirkwood	14.5	5.4	14.9	5.5	17.3	7.2	19.9	9.2	21.5	11.4
Des Moines Area	33.7	21.9	34.1	22.7	36.6	24.3	37.8	26.4	38.9	28.0
Western Iowa Tech	26.6	12.7	26.0	13.5	24.7	12.8	29.3	16.9	28.7	17.5
Iowa Western	21.0	12.4	20.3	11.5	21.6	12.6	21.4	12.2	19.9	12.3
Southwestern	29.4	14.9	30.8	16.9	32.8	19.2	36.5	21.2	33.2	19.9
Indian Hills	19.8	8.9	20.8	9.5	23.0	11.7	28.6	16.2	27.1	15.1
Southeastern	20.5	8.5	21.0	10.0	23.3	11.7	28.4	14.3	31.5	17.5
Total	25.1	13.0	26.0	13.8	27.7	15.0	30.4	17.3	30.7	18.6

Table 5-5. Offering Arrangement

College	PSEO		Contracted		Tuition		2011 Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	313	1,502	2,212	16,062	99	946	2,624	18,510	2,418
North Iowa Area	236	1,496	1,045	8,083	209	1,456	1,490	11,035	1,372
Iowa Lakes	401	2,529	1,107	8,835	55	363	1,563	11,727	1,341
Northwest	131	591	712	5,285	55	202	898	6,078	811
Iowa Central	95	484	2,294	19,553	0	0	2,389	20,037	2,340
Iowa Valley	142	806	982	7,687	0	0	1,124	8,492	1,025
Hawkeye	298	1,692	1,387	6,854	453	1,767	2,138	10,313	1,804
Eastern Iowa	678	3,335	2,996	16,700	418	2,512	4,092	22,546	3,559
Kirkwood	669	3,543	3,351	18,113	28	240	4,049	21,895	3,809
Des Moines Area	733	4,105	11,986	99,651	717	5,551	13,436	109,307	12,856
Western Iowa Tech	290	1,821	2,060	14,116	0	0	2,350	15,937	2,344
Iowa Western	142	831	1,839	18,131	25	134	2,006	19,095	1,897
Southwestern	180	985	556	4,785	16	64	752	5,834	686
Indian Hills	152	733	1,465	11,306	63	344	1,680	12,383	1,606
Southeastern	0	0	957	5,973	139	916	1,096	6,889	1,024
Total	4,460	24,451	34,949	261,132	2,277	14,494	41,687	300,077	38,892

*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

Table 5-6. Offering Arrangement

College	PSEO		Contracted		Tuition		2012 Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	270	1,333	2,293	16,661	118	1,112	2,681	19,105	2,457
North Iowa Area	365	3,081	769	5,690	161	1,119	1,295	9,890	1,209
Iowa Lakes	254	1,654	1,116	9,291	53	357	1,423	11,302	1,313
Northwest	139	620	602	4,229	43	156	784	5,005	710
Iowa Central	49	192	2,670	21,892	0	0	2,719	22,084	2,715
Iowa Valley	127	736	982	7,529	0	0	1,109	8,265	1,006
Hawkeye	320	1,700	1,818	9,755	62	285	2,200	11,740	1,976
Eastern Iowa	737	3,932	3,309	18,781	334	2,120	4,380	24,832	3,824
Kirkwood	713	3,638	3,254	17,283	22	174	3,989	21,095	3,725
Des Moines Area	618	3,517	12,338	101,436	763	6,545	13,719	111,498	13,162
Western Iowa Tech	239	1,611	1,941	12,621	175	856	2,355	15,088	2,276
Iowa Western	155	934	1,920	17,491	19	83	2,094	18,508	1,973
Southwestern	109	590	625	5,578	20	76	754	6,244	703
Indian Hills	91	319	1,456	11,230	62	384	1,609	11,933	1,545
Southeastern	0	0	921	6,319	108	748	1,029	7,067	976
Total	4,186	23,856	36,014	265,785	1,940	14,015	42,140	303,655	39,570

*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

Table 5-7. Offering Arrangement

2013

College	PSEO		Contracted		Tuition		Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	354	1,699	2,461	17,859	117	969	2,932	20,526	2,636
North Iowa Area	282	1,944	723	6,318	131	1,336	1,136	9,598	1,136
Iowa Lakes	208	1,039	1,151	9,781	44	325	1,403	11,145	1,291
Northwest	114	473	702	4,834	35	154	851	5,461	756
Iowa Central	71	276	2,610	21,642	0	0	2,681	21,918	2,681
Iowa Valley	55	222	1,077	8,728	0	0	1,132	8,950	1,082
Hawkeye	251	1,236	1,756	9,228	59	300	2,066	10,764	1,877
Eastern Iowa	406	2,070	3,518	19,243	274	1,683	4,198	22,996	3,831
Kirkwood	696	3,551	3,631	21,050	21	173	4,348	24,774	4,048
Des Moines Area	556	3,154	12,557	101,824	959	6,917	14,072	111,895	13,308
Western Iowa Tech	180	1,222	1,932	12,365	0	0	2,112	13,587	2,112
Iowa Western	154	993	2,082	19,008	34	132	2,270	20,133	2,157
Southwestern	108	668	649	5,917	5	22	762	6,607	706
Indian Hills	65	305	1,529	13,668	40	221	1,634	14,194	1,598
Southeastern	0	0	418	2,630	817	5,237	1,235	7,867	1,043
Total	3,500	18,852	36,796	274,093	2,536	17,468	42,832	310,412	40,262

*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

Table 5-8. Offering Arrangement

College	PSEO		Contracted		Tuition		2014 Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	340	1,713	2,604	17,872	123	1,099	3,067	20,683	2,750
North Iowa Area	444	3,791	727	4,804	125	1,338	1,296	9,933	1,296
Iowa Lakes	145	803	1,119	9,926	38	247	1,302	10,976	1,243
Northwest	0	0	894	6,302	30	133	924	6,435	904
Iowa Central	64	258	2,409	20,135	0	0	2,473	20,393	2,467
Iowa Valley	49	222	1,287	10,333	0	0	1,336	10,555	1,294
Hawkeye	359	1,956	1,595	9,085	482	1,652	2,436	12,693	2,097
Eastern Iowa	301	1,981	4,182	25,530	49	326	4,532	27,837	4,532
Kirkwood	626	3,134	4,006	25,138	102	523	4,734	28,795	4,353
Des Moines Area	590	3,469	13,224	111,666	957	5,837	14,771	120,972	13,930
Western Iowa Tech	111	854	2,392	17,915	0	0	2,503	18,769	2,503
Iowa Western	200	1,253	1,970	16,904	45	192	2,215	18,349	2,053
Southwestern	83	411	668	6,183	10	46	761	6,640	714
Indian Hills	23	102	1,696	14,987	22	112	1,741	15,201	1,714
Southeastern	0	0	1,111	8,316	58	378	1,169	8,693	1,146
Total	3,335	19,947	39,884	305,094	2,041	11,882	45,260	336,923	42,996

*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

Table 5-9. Offering Arrangement

College	PSEO		Contracted		Tuition		2015 Total HS Students		Unduplicated Joint Enrollment*
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	353	1,642.5	2,631	18,938.0	126	1,133.5	3,110	21,714.0	2,791
North Iowa Area	324	2,290.0	932	6,979.0	141	761.0	1,397	10,030.0	1,312
Iowa Lakes	66	261.0	1,142	9,819.0	50	297.0	1,258	10,377.0	1,211
Northwest	0	0.0	908	6,272.0	57	231.5	965	6,503.5	941
Iowa Central	56	271.0	2,430	21,494.5	0	0.0	2,486	21,765.5	2,486
Iowa Valley	21	95.0	1,255	10,328.0	51	271.5	1,327	10,694.5	1,269
Hawkeye	425	2,335.0	1,544	8,532.0	422	1,356.0	2,391	12,223.0	2,036
Eastern Iowa	287	1,294.0	4,249	26,018.5	122	859.3	4,658	28,171.8	4,398
Kirkwood	685	3,771.0	4,166	28,485.5	95	424.5	4,946	32,681.0	4,548
Des Moines Area	559	3,255.0	14,163	115,753.0	992	6,130.0	15,714	125,138.0	14,799
Western Iowa Tech	149	954.0	2,357	18,768.0	0	0.0	2,506	19,722.0	2,506
Iowa Western	319	1,936.0	1,855	16,153.0	45	238.0	2,219	18,327.0	1,983
Southwestern	108	570.0	649	6,189.0	8	26.0	765	6,785.0	711
Indian Hills	19	88.0	1,704	15,930.0	40	273.5	1,763	16,291.5	1,730
Southeastern	0	0.0	1,263	10,010.2	92	562.5	1,355	10,572.7	1,313
Total	3,371	18,762.5	41,248	319,669.7	2,241	12,564.3	46,860	350,996.5	44,034

*This number may be smaller than the sum of PSEO, Contracted, and Tuition, because some students take courses under multiple arrangements.

Table 5-10. Distribution by Type of Arrangement

College	Percentage of Total Joint Enrollment			Percentage of Total Joint Enrollment Credit Hours		
	PSEO	Contracted	Tuition	PSEO	Contracted	Tuition
Northeast Iowa	12.6	94.3	4.5	7.6	87.2	5.2
North Iowa Area	24.7	71.0	10.7	22.8	69.6	7.6
Iowa Lakes	5.5	94.3	4.1	2.5	94.6	2.9
Northwest	0.0	96.5	6.1	0.0	96.4	3.6
Iowa Central	2.3	97.7	0.0	1.2	98.8	0.0
Iowa Valley	1.7	98.9	4.0	0.9	96.6	2.5
Hawkeye	20.9	75.8	20.7	19.1	69.8	11.1
Eastern Iowa	6.5	96.6	2.8	4.6	92.4	3.1
Kirkwood	15.1	91.6	2.1	11.5	87.2	1.3
Des Moines Area	3.8	95.7	6.7	2.6	92.5	4.9
Western Iowa Tech	5.9	94.1	0.0	4.8	95.2	0.0
Iowa Western	16.1	93.5	2.3	10.6	88.1	1.3
Southwestern	15.2	91.3	1.1	8.4	91.2	0.4
Indian Hills	1.1	98.5	2.3	0.5	97.8	1.7
Southeastern	0.0	96.2	7.0	0.0	94.7	5.3
Total	7.7	93.7	5.1	5.3	91.1	3.6

Table 5-11. Distribution by Type of Arrangement and Gender

College	PSEO				Contracted				Tuition			
	Male		Female		Male		Female		Male		Female	
	N	%	N	%	N	%	N	%	N	%	N	%
Northeast Iowa	106	30.0	247	70.0	1,316	50.0	1,315	50.0	54	42.9	72	57.1
North Iowa Area	104	32.1	220	67.9	511	54.8	421	45.2	53	37.6	88	62.4
Iowa Lakes	20	30.3	46	69.7	535	46.8	607	53.2	15	30.0	35	70.0
Northwest	-	0.0	-	0.0	402	44.3	506	55.7	10	17.5	47	82.5
Iowa Central	29	51.8	27	48.2	1,237	50.9	1,193	49.1	-	0.0	-	0.0
Iowa Valley	5	23.8	16	76.2	577	46.0	678	54.0	19	37.3	32	62.7
Hawkeye	156	36.7	269	63.3	731	47.3	813	52.7	333	78.9	89	21.1
Eastern Iowa	110	38.3	177	61.7	2,336	55.0	1,913	45.0	46	37.7	76	62.3
Kirkwood	243	35.5	442	64.5	2,422	58.1	1,744	41.9	35	36.8	60	63.2
Des Moines Area	221	39.5	338	60.5	7,351	51.9	6,812	48.1	466	47.0	526	53.0
Western Iowa Tech	61	40.9	88	59.1	1,082	45.9	1,275	54.1	-	0.0	-	0.0
Iowa Western	113	35.4	206	64.6	829	44.7	1,026	55.3	12	26.7	33	73.3
Southwestern	42	38.9	66	61.1	288	44.4	361	55.6	4	50.0	4	50.0
Indian Hills	9	47.4	10	52.6	854	50.1	832	48.8	16	40.0	24	60.0
Southeastern	-	0.0	-	0.0	603	47.7	659	52.2	21	22.8	70	76.1
Total	1,219	36.2	2,152	63.8	21,074	51.1	20,155	48.9	1,084	48.4	1,156	51.6

Note: In Fiscal Year 2014, there were 54 students with unknown gender (not included in this table).

Table 5-12. Gender of Jointly Enrolled Students*

College	2011				2012			
	Male		Female		Male		Female	
	N	%	N	%	N	%	N	%
Northeast Iowa	1,117	46.2	1,301	53.8	1,122	45.7	1,335	54.3
North Iowa Area	630	45.9	742	54.1	526	43.5	683	56.5
Iowa Lakes	596	44.5	742	55.5	573	43.8	735	56.2
Northwest	389	48.0	422	52.0	318	44.8	392	55.2
Iowa Central	1,325	56.6	1,015	43.4	1,411	52.0	1,304	48.0
Iowa Valley	436	42.6	587	57.4	439	43.7	565	56.3
Hawkeye	869	48.2	935	51.8	1,017	51.5	959	48.5
Eastern Iowa	1,838	51.6	1,721	48.4	2,035	53.2	1,789	46.8
Kirkwood	2,209	58.0	1,599	42.0	2,172	58.3	1,553	41.7
Des Moines Area	6,537	50.8	6,319	49.2	6,729	51.1	6,433	48.9
Western Iowa Tech	1,106	47.2	1,237	52.8	1,102	48.4	1,174	51.6
Iowa Western	834	44.0	1,063	56.0	875	44.3	1,098	55.7
Southwestern	323	47.1	363	52.9	287	40.8	416	59.2
Indian Hills	706	48.6	747	51.4	679	48.3	728	51.7
Southeastern	466	45.5	558	54.5	396	40.6	580	59.4
Total	19,381	50.0	19,351	50.0	19,681	49.9	19,744	50.1

Table 5-13. Gender of Jointly Enrolled Students, continued*

College	2013				2014			
	Male		Female		Male		Female	
	N	%	N	%	N	%	N	%
Northeast Iowa	1,274	48.3	1,362	51.7	1,322	48.1	1,428	51.9
North Iowa Area	505	44.5	631	55.5	611	47.1	685	52.9
Iowa Lakes	603	46.7	687	53.3	570	45.9	673	54.1
Northwest	324	42.9	432	57.1	378	41.8	526	58.2
Iowa Central	1,358	50.7	1,323	49.3	1,291	52.3	1,176	47.7
Iowa Valley	446	41.3	634	58.7	562	43.4	731	56.5
Hawkeye	968	51.6	909	48.4	1,074	51.2	1,023	48.8
Eastern Iowa	2,089	54.5	1,742	45.5	2,382	52.6	2,150	47.4
Kirkwood	2,377	58.7	1,671	41.3	2,542	58.4	1,811	41.6
Des Moines Area	6,860	51.5	6,448	48.5	7,077	50.8	6,853	49.2
Western Iowa Tech	1,068	50.6	1,044	49.4	1,210	48.3	1,292	51.6
Iowa Western	1,031	47.8	1,126	52.2	938	45.7	1,114	54.3
Southwestern	292	41.4	414	58.6	326	45.7	388	54.3
Indian Hills	725	46.8	824	53.2	828	48.3	835	48.7
Southeastern	437	41.9	606	58.1	502	43.8	644	56.2
Total	20,357	50.6	19,853	49.4	21,613	50.3	21,329	49.6

*Note: Students with unknown gender are not included in this table. In Fiscal Year 2011, there were 160 students with unknown gender; in Fiscal Year 2012, there were 145 students with unknown gender; in Fiscal Year 2013, there were 52 students with unknown gender; in Fiscal Year 2014, there were 54 students with unknown gender; in Fiscal Year 2015, there were 19 students with unknown gender.

Table 5-14. Gender of Jointly Enrolled Students, continued*

College	2015			
	Male		Female	
	N	%	N	%
Northeast Iowa	1,375	49.3	1,416	50.7
North Iowa Area	630	48.0	682	52.0
Iowa Lakes	555	45.8	656	54.2
Northwest	409	43.5	532	56.5
Iowa Central	1,266	50.9	1,220	49.1
Iowa Valley	582	45.9	687	54.1
Hawkeye	1,055	51.8	981	48.2
Eastern Iowa	2,397	54.5	2,001	45.5
Kirkwood	2,557	56.2	1,991	43.8
Des Moines Area	7,623	51.5	7,176	48.5
Western Iowa Tech	1,143	45.6	1,363	54.4
Iowa Western	881	44.4	1,102	55.6
Southwestern	319	44.9	392	55.1
Indian Hills	863	49.9	849	49.1
Southeastern	614	46.8	698	53.2
Total	22,269	50.6	21,746	49.4

*Note: Students with unknown gender are not included in this table. In Fiscal Year 2011, there were 160 students with unknown gender; in Fiscal Year 2012, there were 145 students with unknown gender; in Fiscal Year 2013, there were 52 students with unknown gender; in Fiscal Year 2014, there were 54 students with unknown gender; in Fiscal Year 2015, there were 19 students with unknown gender.

Table 5-15. Race and Ethnicity 2011

College	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	Two or More Races	Unknown	Total
Northeast Iowa	4	6	7	18	2,335	4	44	2,418
North Iowa Area	0	12	6	38	1,300	11	5	1,372
Iowa Lakes	6	10	7	26	1,242	9	41	1,341
Northwest	1	5	2	12	758	2	31	811
Iowa Central	5	41	25	159	1,985	16	109	2,340
Iowa Valley	7	5	16	59	752	7	179	1,025
Hawkeye	3	25	79	30	1,664	3	0	1,804
Eastern Iowa	23	60	133	293	2,784	70	196	3,559
Kirkwood	5	24	14	29	1,291	6	2,440	3,809
Des Moines Area	51	426	426	720	10,287	378	568	12,856
Western Iowa Tech	18	30	22	127	1,443	0	704	2,344
Iowa Western	13	9	13	40	1,693	3	126	1,897
Southwestern	1	6	3	17	647	6	6	686
Indian Hills	12	19	7	31	1,278	1	258	1,606
Southeastern	7	21	16	42	884	17	37	1,024
Total	156	699	776	1,641	30,343	533	4,744	38,892
% of Total	0.4	1.8	2.0	4.1	76.7	1.3	12.0	98.3

Table 5-16. Race and Ethnicity 2012

College	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	Two or More Races	Unknown	Total
Northeast Iowa	4	8	2	20	2,379	3	41	2,457
North Iowa Area	0	9	9	38	1,145	5	3	1,209
Iowa Lakes	2	14	7	32	1,219	6	33	1,313
Northwest	5	12	3	3	656	4	27	710
Iowa Central	7	44	31	188	2,331	14	100	2,715
Iowa Valley	11	7	10	51	848	5	74	1,006
Hawkeye	1	37	40	38	1,826	34	0	1,976
Eastern Iowa	27	79	134	370	2,888	75	251	3,824
Kirkwood	4	20	25	30	1,479	22	2,145	3,725
Des Moines Area	51	485	452	774	10,604	333	463	13,162
Western Iowa Tech	12	36	18	164	1,367	17	662	2,276
Iowa Western	15	18	11	93	1,777	4	55	1,973
Southwestern	1	4	1	14	659	13	11	703
Indian Hills	4	12	10	29	1,224	9	257	1,545
Southeastern	3	23	19	36	850	22	23	976
Total	147	808	772	1,880	31,252	566	4,145	39,570
% of Total	0.4	2.0	2.0	4.8	79.0	1.4	10.5	100.0

Table 5-17. Race and Ethnicity

2013

College	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	Two or More Races	Unknown	Total
Northeast Iowa	4	7	13	24	2,549	0	39	2,636
North Iowa Area	1	6	13	37	1,073	3	3	1,136
Iowa Lakes	2	15	4	42	1,200	8	20	1,291
Northwest	4	7	0	16	713	3	13	756
Iowa Central	6	47	36	198	2,252	10	132	2,681
Iowa Valley	13	6	5	75	780	6	197	1,082
Hawkeye	1	47	60	49	1,683	37	0	1,877
Eastern Iowa	27	67	162	342	2,898	92	243	3,831
Kirkwood	11	75	71	91	3,373	106	321	4,048
Des Moines Area	37	507	429	872	10,639	377	447	13,308
Western Iowa Tech	5	22	17	178	1,266	4	620	2,112
Iowa Western	19	28	30	105	1,927	4	44	2,157
Southwestern	1	6	0	19	668	12	0	706
Indian Hills	10	9	8	31	1,370	10	160	1,598
Southeastern	12	18	46	45	863	37	22	1,043
Total	153	867	894	2,124	33,254	709	2,261	40,262
% of Total	0.4	2.2	2.3	5.4	84.0	1.8	5.7	101.7

Table 5-18. Race and Ethnicity

2014

College	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	Two or More Races	Unknown	Total
Northeast Iowa	3	4	12	20	2,697	2	12	2,750
North Iowa Area	3	18	12	46	1,212	5	-	1,296
Iowa Lakes	3	13	7	38	1,167	7	8	1,243
Northwest	9	14	3	32	818	7	21	904
Iowa Central	10	54	43	161	1,974	9	216	2,467
Iowa Valley	8	14	12	155	919	-	186	1,294
Hawkeye	3	47	60	70	1,880	37	-	2,097
Eastern Iowa	17	79	160	394	3,333	163	386	4,532
Kirkwood	15	87	71	118	3,500	114	448	4,353
Des Moines Area	48	548	494	974	11,152	385	329	13,930
Western Iowa Tech	21	76	50	327	1,884	5	140	2,503
Iowa Western	25	34	24	118	1,788	9	55	2,053
Southwestern	1	8	-	27	662	13	3	714
Indian Hills	13	20	10	47	1,436	9	179	1,714
Southeastern	8	25	15	47	963	34	54	1,146
Total	187	1,041	973	2,574	35,385	799	2,037	42,996
% of Total	0.4	2.4	2.3	6.0	82.3	1.9	4.7	100.0

Table 5-19. Race and Ethnicity

2015

College	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	Two or More Races	Unknown	Total
Northeast Iowa	3	4	15	17	2,733	6	13	2,791
North Iowa Area	5	16	14	42	1,224	9	2	1,312
Iowa Lakes	2	12	8	38	1,139	11	1	1,211
Northwest	8	12	2	46	842	7	24	941
Iowa Central	13	57	52	238	1,994	26	106	2,486
Iowa Valley	10	23	9	151	926	12	138	1,269
Hawkeye	1	38	54	46	1,867	30	-	2,036
Eastern Iowa	17	94	146	365	3,243	187	346	4,398
Kirkwood	16	85	85	154	3,839	132	237	4,548
Des Moines Area	57	578	542	1,051	11,591	364	616	14,799
Western Iowa Tech	18	83	38	272	1,596	4	495	2,506
Iowa Western	21	31	16	111	1,750	9	45	1,983
Southwestern	1	6	2	26	661	15	-	711
Indian Hills	3	22	17	63	1,484	17	124	1,730
Southeastern	15	29	27	44	1,109	22	67	1,313
Total	190	1,090	1,027	2,664	35,998	851	2,214	44,034
% of Total	0.4	2.5	2.3	6.0	81.8	1.9	5.0	100.0

Table 5-20. Residency*

2011

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,411	7	0	0	2,418
North Iowa Area	1,370	2	0	0	1,372
Iowa Lakes	1,335	6	0	0	1,341
Northwest	808	3	0	0	811
Iowa Central	2,339	0	1	0	2,340
Iowa Valley	1,024	1	0	0	1,025
Hawkeye	1,804	0	0	0	1,804
Eastern Iowa	3,520	37	2	0	3,559
Kirkwood	3,783	25	1	0	3,809
Des Moines Area	12,837	14	5	0	12,856
Western Iowa Tech	2,299	45	0	0	2,344
Iowa Western	1,888	9	0	0	1,897
Southwestern	189	0	0	0	189
Indian Hills	1,606	0	0	0	1,606
Southeastern	988	30	6	0	1,024
Total	38,201	179	15	0	38,395

*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

Table 5-21. Residency*

2012

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,440	17	0	0	2,457
North Iowa Area	1,202	7	0	0	1,209
Iowa Lakes	1,308	5	0	0	1,313
Northwest	710	0	0	0	710
Iowa Central	2,714	1	0	0	2,715
Iowa Valley	1,006	0	0	0	1,006
Hawkeye	1,975	1	0	0	1,976
Eastern Iowa	3,793	25	0	6	3,824
Kirkwood	3,717	6	2	0	3,725
Des Moines Area	13,151	9	4	0	13,164
Western Iowa Tech	2,216	60	0	0	2,276
Iowa Western	1,971	2	0	0	1,973
Southwestern	703	0	0	0	703
Indian Hills	1,545	0	0	0	1,545
Southeastern	947	25	4	0	976
Total	39,398	158	10	6	39,572

*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

Table 5-22. Residency* **2013**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,616	19	1	0	2,636
North Iowa Area	1,133	3	0	0	1,136
Iowa Lakes	1,289	2	0	0	1,291
Northwest	753	3	0	0	756
Iowa Central	2,680	1	0	0	2,681
Iowa Valley	1,082	0	0	0	1,082
Hawkeye	1,874	3	0	0	1,877
Eastern Iowa	3,792	35	1	3	3,831
Kirkwood	4,028	13	7	0	4,048
Des Moines Area	13,288	10	10	0	13,308
Western Iowa Tech	2,081	31	0	0	2,112
Iowa Western	2,157	0	0	0	2,157
Southwestern	706	0	0	0	706
Indian Hills	1,598	0	0	0	1,598
Southeastern	1,017	26	0	0	1,043
Total	40,094	146	19	3	40,262

*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

Table 5-23. Residency* **2014**

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,737	13	0	0	2,750
North Iowa Area	1,291	5	0	0	1,296
Iowa Lakes	1,242	1	0	0	1,243
Northwest	904	0	0	0	904
Iowa Central	2,466	1	0	0	2,467
Iowa Valley	1,294	0	0	0	1,294
Hawkeye	2,093	4	0	0	2,097
Eastern Iowa	4,446	86	0	0	4,532
Kirkwood	4,348	3	2	0	4,353
Des Moines Area	13,923	2	5	0	13,930
Western Iowa Tech	2,431	72	0	0	2,503
Iowa Western	2,049	4	0	0	2,053
Southwestern	712	0	2	0	714
Indian Hills	1,714	0	0	0	1,714
Southeastern	1,127	15	4	0	1,146
Total	42,777	206	13	0	42,996

*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

Table 5-24. Residency*

2015

College	Iowa	Out-of-State	Foreign	Unknown	Total
Northeast Iowa	2,781	10	0	0	2,791
North Iowa Area	1,306	6	0	0	1,312
Iowa Lakes	1,205	6	0	0	1,211
Northwest	935	6	0	0	941
Iowa Central	2,483	3	0	0	2,486
Iowa Valley	1,264	0	5	0	1,269
Hawkeye	2,034	2	0	0	2,036
Eastern Iowa	4,380	18	0	0	4,398
Kirkwood	4,537	7	4	0	4,548
Des Moines Area	14,720	1	78	0	14,799
Western Iowa Tech	2,457	49	0	0	2,506
Iowa Western	1,982	1	0	0	1,983
Southwestern	711	0	0	0	711
Indian Hills	1,723	7	0	0	1,730
Southeastern	1,280	29	4	0	1,313
Total	43,798	145	91	0	44,034

*Note: Students may change residency status during fiscal year; each instance of different residency is counted separately.

Table 5-25. Grade Level of Jointly Enrolled Students***2012**

College	9	10	11	12	Total
Northeast Iowa	95	133	822	1,406	2,456
North Iowa Area	20	53	375	731	1,179
Iowa Lakes	43	111	463	593	1,210
Northwest	39	35	238	382	694
Iowa Central	48	109	696	1,338	2,191
Iowa Valley	3	32	356	609	1,000
Hawkeye	130	194	661	985	1,970
Eastern Iowa	271	464	1,097	1,910	3,742
Kirkwood	490	581	996	1,588	3,655
Des Moines Area	659	1,870	3,989	5,441	11,959
Western Iowa Tech	151	247	761	996	2,155
Iowa Western	5	102	713	1,075	1,895
Southwestern	16	29	268	380	693
Indian Hills	78	98	539	791	1,506
Southeastern	34	29	370	504	937
Total	2,082	4,087	12,344	18,729	37,242

*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.

Table 5-26. Grade Level of Jointly Enrolled Students***2013**

College	9	10	11	12	Total
Northeast Iowa	128	220	794	1,462	2,604
North Iowa Area	11	52	358	735	1,156
Iowa Lakes	38	108	473	615	1,234
Northwest	27	46	301	379	753
Iowa Central	84	158	1,084	1,428	2,754
Iowa Valley	11	36	392	610	1,049
Hawkeye	172	218	636	886	1,912
Eastern Iowa	336	540	1,095	1,796	3,767
Kirkwood	569	661	1,043	1,775	4,048
Des Moines Area	795	2,090	4,471	5,768	13,124
Western Iowa Tech	154	321	827	782	2,084
Iowa Western	87	131	709	1,235	2,162
Southwestern	6	37	283	436	762
Indian Hills	98	147	548	801	1,594
Southeastern	40	42	360	588	1,030
Total	2,556	4,807	13,374	19,296	40,033

*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.

Table 5-27. Grade Level of Jointly Enrolled Students* **2014**

College	9	10	11	12	Total
Northeast Iowa	196	274	899	1,301	2,670
North Iowa Area	10	57	387	771	1,225
Iowa Lakes	42	101	323	488	954
Northwest	23	55	296	438	812
Iowa Central	57	107	841	1,159	2,164
Iowa Valley	56	95	337	591	1,079
Hawkeye	171	199	656	971	1,997
Eastern Iowa	348	565	1,160	1,934	4,007
Kirkwood	510	604	1,038	1,774	3,926
Des Moines Area	667	1,850	3,933	5,505	11,955
Western Iowa Tech	67	183	636	789	1,675
Iowa Western	54	119	604	922	1,699
Southwestern	10	51	251	352	664
Indian Hills	70	134	484	794	1,482
Southeastern	74	70	408	547	1,099
Total	2,355	4,464	12,253	18,336	37,408

*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.

Table 5-28. Grade Level of Jointly Enrolled Students* **2015**

College	9	10	11	12	Total
Northeast Iowa	152	337	872	1,177	2,538
North Iowa Area	33	56	431	729	1,249
Iowa Lakes	25	119	456	504	1,104
Northwest	26	52	305	448	831
Iowa Central	49	111	949	1,198	2,307
Iowa Valley	91	97	383	594	1,165
Hawkeye	184	204	655	917	1,960
Eastern Iowa	433	572	1,061	1,842	3,908
Kirkwood	554	590	1,096	1,966	4,206
Des Moines Area	948	2,335	4,473	5,787	13,543
Western Iowa Tech	122	339	910	942	2,313
Iowa Western	75	111	621	980	1,787
Southwestern	14	59	270	337	680
Indian Hills	84	136	522	855	1,597
Southeastern	65	87	416	562	1,130
Total	2,855	5,205	13,420	18,838	40,318
% of Total	7.1	12.9	33.3	46.7	100.0

*Note: Total includes only students with identical valid Iowa State Student ID numbers and thus is smaller than the total head count for all jointly enrolled students.

3

TABLES, FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

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Table 6-1. Awards by Type

Award Type	2011	2012	2013	2014	2015
AA	5,251	5,410	4,457	5,385	5,135
AS	1,410	1,490	1,144	1,302	1,061
AGS	163	487	227	414	668
AAA	65	64	45	176	70
AAS	5,084	5,223	4,406	5,188	5,230
APS	0	0	0	0	38
Diploma	3,752	3,481	2,610	3,599	3,553
Certificate	2,180	2,504	2,654	2,997	3,470
Total	17,905	18,659	15,543	19,061	19,225

Table 6-2. Awards by Career Cluster

Cluster	2011	2012	2013	2014	2015
Agriculture, Food and Natural Resources	681	671	610	546	821
Architecture and Construction	792	679	566	625	852
Arts, A/V Technology and Communications	315	389	281	289	356
Business, Management and Administration	1,375	1,423	1,266	712	896
Education and Training	40	47	58	124	116
Finance	15	9	10	261	337
Government and Public Administration	0	0	0	0	0
Health Science	4,696	4,920	4,173	4,477	4,883
Hospitality and Tourism	171	242	206	214	248
Human Services	434	441	422	407	434
Information Technology	405	551	490	409	513
Law, Public Safety and Security	406	423	307	293	390
Manufacturing	1,223	1,183	1,017	955	1,681
Marketing, Sales and Service	158	181	164	136	147
Science, Technology, Engineering and Mathematics	107	88	78	56	104
Transportation, Distribution and Logistics	877	746	721	649	999
College Transfer (Parallel)	6,366	6,172	5,258	5,614	6,448
Total	18,061	18,165	15,627	15,767	19,225

Table 6-3. Awards by Career Cluster and Gender

Cluster	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Agriculture, Food and Natural Resources	495	186	503	168	451	154	377	169	548	265
Architecture and Construction	752	40	652	27	521	32	573	52	771	71
Arts, A/V Technology and Communications	108	207	112	277	84	195	110	179	183	173
Business, Management and Administration	307	1,068	294	1,129	330	930	208	504	309	585
Education and Training	7	33	11	36	12	46	33	91	25	91
Finance	6	9	4	5	3	7	58	203	80	254
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	574	4,122	545	4,375	561	3,584	547	3,930	611	4,250
Hospitality and Tourism	78	93	103	139	77	127	79	135	102	145
Human Services	36	398	33	408	33	388	47	360	32	399
Information Technology	316	89	418	133	374	113	308	101	419	89
Law, Public Safety and Security	240	166	242	181	184	121	172	121	232	149
Manufacturing	1,158	65	1,126	57	906	101	910	45	1,565	104
Marketing, Sales and Service	61	97	56	125	56	108	48	88	51	96
Science, Technology, Engineering and Mathematics	67	40	43	45	45	22	36	20	58	42
Transportation, Distribution and Logistics	838	39	717	29	677	37	618	31	942	50
College Transfer (Parallel)	2,553	3,813	2,449	3,723	2,054	3,034	2,340	3,274	2,422	3,527
Total	7,596	10,465	7,308	10,857	6,368	8,999	6,464	9,303	8,350	10,290

Note: The following are unknown/unreported totals: fiscal year 2011 = 31 (0.2%); fiscal year 2012 = 31 (0.2%); fiscal year 2013 = 260 (1.7%); fiscal year 2014 = 31 (0.2%), fiscal year 2015 = 499 (3.04%, due to a large number of AGS awards reported without trackable enrollment/student information).

6-4. Award Types by Race/Ethnicity

Award Type	2011		2012		2013		2014		2015	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
AA	4,226	440	4,096	553	3,540	469	4,009	670	4,051	799
AS	1,118	152	1,145	156	915	120	975	158	855	149
AGS	132	16	136	31	84	23	98	37	169	45
AAA	62	4	61	2	38	6	156	12	63	6
AAS	4,274	299	4,198	363	3,630	354	4,059	422	4,415	526
APS	0	0	0	0	0	0	0	0	26	10
Diploma	3,003	325	2,821	293	2,098	245	2,867	381	2,933	471
Certificate	1,215	211	1,452	258	1,618	291	1,802	427	2,674	618
Total	14,030	1,447	13,909	1,656	11,923	1,508	13,966	2,107	15,186	2,624
% of Total	90.7	9.3	89.4	10.6	88.8	11.2	86.9	13.1	85.3	14.7

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2011 = 1,799 (10.6%); fiscal year 2012 = 1,481(8.9%); fiscal year 2013 = 735 (5.2%); fiscal year 2014 = 747 (4.4%); fiscal year 2015 = 1,417 (7.4%, due to a large number of AGS awards reported without trackable enrollment/student information). Students may have received more than one award, but are counted only once under each type of award.

Table 6-5. Awards by Career Cluster and Race/Ethnicity

Cluster	2011		2012		2013		2014		2015	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
Agriculture, Food and Natural Resources	473	25	442	12	442	64	499	19	499	19
Architecture and Construction	534	48	479	42	326	79	528	71	528	71
Arts, A/V Technology and Communications	255	19	255	14	190	38	241	39	241	39
Business, Management and Administration	864	96	841	118	748	161	565	97	565	97
Education and Training	26	6	36	5	48	9	107	12	107	12
Finance	10	3	7	1	7	2	224	24	224	24
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	3,806	324	3,932	379	3,336	706	3,798	484	3,798	484
Hospitality and Tourism	119	18	158	27	144	43	168	39	168	39
Human Services	310	35	307	41	239	51	342	48	342	48
Information Technology	316	26	367	34	330	61	331	51	331	51
Law, Public Safety and Security	308	31	314	35	226	34	239	39	239	39
Manufacturing	779	79	721	86	623	117	809	118	809	118
Marketing, Sales and Service	109	21	107	19	98	24	117	10	117	10
Science, Technology, Engineering and Mathematics	74	9	49	21	53	8	39	9	39	9
Transportation, Distribution and Logistics	605	82	552	68	435	110	529	100	529	100
College Transfer (Parallel)	4,855	518	4,571	641	3,953	813	4,552	789	4,552	789
Total	13,443	1,340	13,138	1,543	11,198	2,320	13,088	1,949	13,088	1,949
% of Total	90.9	9.1	89.5	10.5	82.8	17.2	87.0	13.0	87.0	13.0

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2010 = 1,376 (8.6%); fiscal year 2011 = 1,284 (8.7%); fiscal year 2012 = 1,482 (10.1%); fiscal year 2013 = 698 (5.2%); fiscal year 2014 = 721 (4.8%). Students may have received more than one award, but are counted only once under each cluster.

Table 6-6. Awards By Career Cluster and College

2011

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	61	24	56	1	17	26	105	16	146	53	1	18	13	2	9	554
Architecture and Construction	57	19	52	92	26	16	27	29	91	81	67	29	25	24	7	640
Arts, A/V Technology and Communications	8	7	11	9	13	3	61	14	38	71	21	25	4		10	287
Business, Management and Administration	85	57	49	34	56	32	30	113	146	213	60	15	32	51	50	1,212
Education and Training	0	5	0	0	0	0	0	1	0	12	9	9	0	0	0	25
Finance	0	4	0	0	0	0	0	0	7	0	4	0	0	0	0	10
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	295	387	140	87	227	140	269	209	547	510	348	288	119	581	227	4,563
Hospitality and Tourism	0	1	13	0	14	0	0	4	60	46	0	7	0	7	0	163
Human Services	24	1	24		38	6	24	21	7	155	27	16	0	23	8	343
Information Technology	23	15	9	6	16	11	36	24	79	58	15	8	11	45	10	329
Law, Public Safety and Security	0	14	20	0	33	7	51	0	35	99	57	0	0	19	29	355
Manufacturing	26	39	17	38	92	41	161	39	62	129	46	12	7	147	56	933
Marketing, Sales and Service	20	4	5	0	0	0	18	0	29	51	8	6	0	0	0	212
Science, Technology, Engineering and Mathematics	0	9	5	0	13	0	2	3	1	0	36	7	0	10	1	98
Transportation, Distribution and Logistics	19	20	66	34	47		84	109	29	77	35	42	25	93	30	603
College Transfer (Parallel)	178	287	190	38	328	282	394	482	1,479	1,061	119	378	102	439	278	5,584
Total	796	893	657	339	920	564	1,262	1,064	2,756	2,616	853	860	338	1,441	715	15,911

Note: Students may have received awards in more than one cluster. Non-graduate program completers were not included in the credit student awards by career cluster.

Table 6-7. Awards By Career Cluster and College

2012

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	55	16	71		12	13	106	28	158	40	1	26	12	7	7	548
Architecture and Construction	54	22	48	98	27	9	21	28	85	53	59	33	17	24	7	642
Arts, A/V Technology and Communications	2		13	7	19	5	58	9	37	83	36	10	5		9	295
Business, Management and Administration	79	51	46	39	53	34	45	131	155	199	73	24	32	36	54	1,023
Education and Training	0	7	0	0	0	0	0	5	1	9	5	17	0	0	0	36
Finance	0	1	0	0	0	0	0	0	2	0	6	0	0	0	0	15
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	262	353	133	108	242	121	228	259	531	515	599	318	104	648	223	4,374
Hospitality and Tourism	0	5	12	0	11	0	0	20	73	77	0	8	0	10	0	152
Human Services	31	11	15		27	11	23	27	14	158	30	11	0	24	1	374
Information Technology	27	22	12	9	19	9	35	27	91	73	16	13	14	55	13	366
Law, Public Safety and Security	0	28	7	0	38	8	30	0	31	138	65	0	0	22	17	364
Manufacturing	30	40	21	39	91	20	195	59	48	114	48	7	4	98	45	912
Marketing, Sales and Service	10	7	2	0	0	5	17	0	26	61	7	6	0	0	0	141
Science, Technology, Engineering and Mathematics	0	2	0	0	13	0	0	21	2	0	36	3	0	3	0	87
Transportation, Distribution and Logistics	22	7	43	43	56		65	57	46	88	27	41	30	122	25	710
College Transfer (Parallel)	211	287	173	44	436	298	334	476	1,061	1,137	154	375	124	441	267	6,035
Total	783	859	596	387	1,044	533	1,157	1,147	2,361	2,745	1,162	892	342	1,490	668	16,074

Note: Students may have received awards in more than one cluster.

Table 6-8. Awards By Career Cluster and College

2013

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	63	9	53	2	20	21	91	24	110	37	3	16	10	11	10	480
Architecture and Construction	21	11	28	58	5	15	16	23	66	37	45	30	6	13	18	392
Arts, A/V Technology and Communications	10		12	6	12	2	34	5	29	42	38	15	10		13	228
Business, Management and Administration	68	50	30	30	41	19	46	79	157	149	128	24	17	29	38	905
Education and Training	0	6	0	0	0	0	0	1	1	5	29	15	0	0	0	57
Finance	0	1	0	0	0	0	0	0	5	0	3	0	0	0	0	9
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	220	339	104	111	331	117	169	190	307	406	569	291	110	497	255	4,016
Hospitality and Tourism	0	2	8	0	26	0	0	6	71	43	0	7	0	17	0	180
Human Services	18	3	12		21	7	24	15	10	105	37	27		16	1	296
Information Technology	22	20	7	4	8	7	39	31	100	50	17	12	9	48	10	384
Law, Public Safety and Security	0	22	5	0	33	4	25	0	30	66	42	0	0	18	34	279
Manufacturing	23	30	14	19	101	20	151	43	53	106	56	11	22	44	53	746
Marketing, Sales and Service	8	3	2	0	0	1	12	0	24	48	19	7	0	0	0	124
Science, Technology, Engineering and Mathematics	153	244	164	43	324	232	304	396	870	919	107	304	110	366	287	4,823
Transportation, Distribution and Logistics	0	4	0	0	18	2	0	5	5	0	11	9	0	4	2	60
College Transfer (Parallel)	9	11	25	2	63		68	56	27	56	77	15	19	112	10	550
Total	615	755	464	275	1,003	447	979	874	1,865	2,069	1,181	783	313	1,175	731	13,529

Note: Students may have received awards in more than one cluster.

Table 6-9. Awards By Career Cluster and College

2014

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	60	9	37		13	19	104	24	183	56	2	17	7	12	3	546
Architecture and Construction	35	10	34	101	9	19	43	27	101	63	96	41	18	17	11	625
Arts, A/V Technology and Communications	2		10	5	19	6	52	3	21	66	71	21	3	4	6	289
Business, Management and Administration	39	25	16	18	27	8	27	89	139	81	163	12	17	21	30	712
Education and Training		6						3		10	91	14				124
Finance	31	10	14	16	23	4	13	12	27	53	21	10	5	15	8	262
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	286	386	151	120	329	130	253	197	497	506	593	380	102	398	149	4,477
Hospitality and Tourism		3	14		21			18	56	58		31		13		214
Human Services	33	1	10		27	5	28	21	8	196	44	19		9	6	407
Information Technology	18	16	2	2	7	6	39	35	104	87	15	21	6	47	4	409
Law, Public Safety and Security	1	12	7		37	4	21	1	28	91	55			7	29	293
Manufacturing	33	54	15	36	103	19	181	78	40	165	60	32	10	87	42	955
Marketing, Sales and Service	8	8	5			1	18		20	58	12	6				136
Science, Technology, Engineering and Mathematics		1	1		9	11		5			22	6			1	56
Transportation, Distribution and Logistics	27	23	38	40	57	12	63	51	46	72	78	63	16	39	24	649
College Transfer (Parallel)	180	270	157	46	347	299	364	513	951	1,249	158	448	84	309	239	5,614
Total	753	834	511	384	1,028	543	1,206	1,077	2,221	2,811	1,481	1,121	268	978	552	15,768

Note: Students may have received awards in more than one cluster.

Table 6-10. Awards By Career Cluster and College

2015

Cluster	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	102	34	46	5	20	43	163	48	227	60	3	31	16	8	15	821
Architecture and Construction	65	9	32	111	22	13	37	88	85	66	153	32	43	84	12	852
Arts, A/V Technology and Communications	4		5	4	19	2	56	11	16	83	93	32	9	3	16	353
Business, Management and Administration	43	37	24	18	9	11	46	165	151	64	254	4	21	14	35	896
Education and Training		5						4		12	87	8				116
Finance	33	17	8	20	51	3	12	7	27	44	78	18	4	10	8	340
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	285	334	143	108	371	110	292	337	512	547	759	366	81	463	175	4,883
Hospitality and Tourism			9		17			43	59	46	25	40		9		248
Human Services	26	1	10		32	2	28	59	17	145	78	20		13	3	434
Information Technology	20	7	2	4	5	6	31	57	142	91	34	30	16	57	11	513
Law, Public Safety and Security		4	15		43	5	30		42	133	73			21	24	390
Manufacturing	56	60	24	34	117	33	279	176	64	426	88	57	39	166	62	1,681
Marketing, Sales and Service	9	2	4			2	14		26	54	25	11				147
Science, Technology, Engineering and Mathematics					10	4		21	15	5	32	13		3	1	104
Transportation, Distribution and Logistics	29	26	30	30	73	4	47	253	66	90	153	100	36	47	15	999
College Transfer (Parallel)	193	330	198	50	415	253	371	496	959	1,707	164	495	124	401	292	6,448
Total	865	866	550	384	1,204	491	1,406	1,765	2,408	3,573	2,099	1,257	389	1,299	669	19,225

Note: Students may have received awards in more than one cluster.

Table 6-11. Awards By Career Cluster and Award Type

2011

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	28	0	0	414	98	125	0	0	665
Architecture and Construction	0	0	0	0	312	357	124	0	0	793
Arts, A/V Technology and Communications	0	24	0	65	178	38	12	0	0	317
Business, Management and Administration	3	327	0	0	417	317	313	0	1	1,378
Education and Training	0	9	0	0	10	5	17	0	0	41
Finance	0	5	0	0	10	0	0	0	0	15
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	5	36	0	0	2,007	1,997	693	19	1	4,758
Hospitality and Tourism	0	0	0	0	142	26	4	0	0	172
Human Services	0	100	0	0	100	139	96	0	0	435
Information Technology	1	36	0	0	270	41	59	0	0	407
Law, Public Safety and Security	33	164	0	0	156	7	49	0	0	409
Manufacturing	0	0	0	0	438	466	324	0	0	1,228
Marketing, Sales and Service	0	12	0	0	93	21	34	0	0	160
Science, Technology, Engineering and Mathematics	0	6	0	0	107	53	0	0	2	168
Transportation, Distribution and Logistics	0	4	0	0	411	180	324	0	8	927
College Transfer (Parallel)	5,209	659	163	0	4	7	6	0	397	6,445
Total	5,251	1,410	163	65	5,069	3,752	2,180	19	409	18,318

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

Table 6-12. Awards By Career Cluster and Award Type 2012

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	29	0	0	453	94	95	0	2	673
Architecture and Construction	0	1	0	0	334	277	69	0	3	684
Arts, A/V Technology and Communications	0	26	0	64	155	71	76	0	0	392
Business, Management and Administration	0	316	0	0	443	276	394	0	0	1,429
Education and Training	0	13	0	0	22	3	9	0	0	47
Finance	0	1	0	0	8	0	0	0	0	9
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	0	44	0	0	2,080	1,954	923	37	0	5,038
Hospitality and Tourism	0	0	0	0	190	33	21	0	0	244
Human Services	0	142	0	0	90	117	93	0	0	442
Information Technology	0	50	0	0	302	75	125	0	0	552
Law, Public Safety and Security	84	144	0	0	138	8	50	0	0	424
Manufacturing	0	0	0	0	411	403	374	0	2	1,190
Marketing, Sales and Service	1	9	0	0	80	20	75	0	0	185
Science, Technology, Engineering and Mathematics	0	0	0	0	90	7	0	0	0	97
Transportation, Distribution and Logistics	0	3	0	0	427	138	197	0	0	765
College Transfer (Parallel)	5,325	712	487	0	0	5	3	0	0	6,532
Total	5,410	1,490	487	64	5,223	3,481	2,504	37	7	18,703

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

Table 6-13. Awards By Career Cluster and Award Type 2013

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	23	0	0	409	75	101	0	2	610
Architecture and Construction	0	1	0	0	247	163	152	0	3	566
Arts, A/V Technology and Communications	0	15	0	45	127	52	42	0	0	281
Business, Management and Administration	2	207	0	0	415	256	386	0	0	1,266
Education and Training	0	7	0	0	16	5	30	0	0	58
Finance	0	1	0	0	9	0	0	0	0	10
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	0	39	0	0	1,756	1415	898	62	3	4,173
Hospitality and Tourism	0	0	0	0	155	42	9	0	0	206
Human Services	0	99	0	0	85	127	111	0	0	422
Information Technology	0	40	0	0	275	51	124	0	0	490
Law, Public Safety and Security	17	119	0	0	106	12	53	0	0	307
Manufacturing	0	0	0	0	334	283	398	0	2	1,017
Marketing, Sales and Service	0	7	0	0	71	18	67	0	1	164
Science, Technology, Engineering and Mathematics	4,438	580	227	0	0	6	7	0	0	5,258
Transportation, Distribution and Logistics	0	2	0	0	71	3	0	0	2	78
College Transfer (Parallel)	0	4	0	0	330	102	276	0	9	721
Total	4,457	1,144	227	45	4,406	2,610	2,654	62	22	15,627

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

Table 6-14. Awards By Career Cluster and Award Type 2014

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	11	0	8	462	109	87	0	2	679
Architecture and Construction	0	1	0	20	329	354	169	0	4	877
Arts, A/V Technology and Communications	0	12	0	55	160	81	29	0	0	337
Business, Management and Administration	0	137	0	15	313	129	388	0	0	982
Education and Training	0	8	0	0	19	12	101	0	0	140
Finance	0	65	0	5	111	116	40	0	0	337
Government and Public Administration	0	0	0	0	0	0	0	0	0	0
Health Science	0	26	0	54	2,012	1861	975	0	6	4,934
Hospitality and Tourism	0	0	0	0	190	47	47	0	1	285
Human Services	0	120	0	0	97	166	164	0	0	547
Information Technology	0	23	0	8	305	44	144	0	0	524
Law, Public Safety and Security	8	132	0	0	123	10	43	0	0	316
Manufacturing	0	0	0	2	449	404	515	0	2	1,372
Marketing, Sales and Service	0	10	0	0	76	19	53	0	0	158
Science, Technology, Engineering and Mathematics	5,346	736	147	0	0	19	10	0	0	6,258
Transportation, Distribution and Logistics	0	1	0	0	66	1	1	0	0	69
College Transfer (Parallel)	0	5	0	9	437	215	198	0	1	865
Total	5,354	1,287	147	176	5,149	3,587	2,964	0	16	18,680

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

Table 6-15. Awards By Career Cluster and Award Type

2015

Cluster	AA	AS	AGS	AAA	AAS	APS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	0	14	0	0	566	0	131	110	0	0	821
Architecture and Construction	0	0	0	5	252	0	364	231	0	0	852
Arts, A/V Technology and Communications	0	10	0	65	177	0	61	40	0	0	353
Business, Management and Administration	0	92	0	0	294	0	105	405	0	0	896
Education and Training	0	7	0	0	12	0	8	89	0	0	116
Finance	0	46	0	0	97	0	147	50	0	0	340
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0
Health Science	0	9	0	0	2,097	13	1742	1,022	0	0	4,883
Hospitality and Tourism	0	1	0	0	141	0	52	54	0	0	248
Human Services	0	65	0	0	81	23	135	130	0	0	434
Information Technology	0	16	0	0	306	0	35	156	0	0	513
Law, Public Safety and Security	59	101	0	0	176	2	10	42	0	0	390
Manufacturing	0	1	0	0	426	0	535	719	0	0	1,681
Marketing, Sales and Service	0	3	0	0	86	0	6	52	0	0	147
Science, Technology, Engineering and Mathematics	0	1	0	0	102	0	1	0	0	0	104
Transportation, Distribution and Logistics	0	5	0	0	416	0	215	363	0	0	999
College Transfer (Parallel)	5,076	690	668	0	1	0	6	7	0	0	6,448
Total	5,135	1,061	668	70	5,230	38	3,553	3,470	0	0	19,225

Note: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.

Table 6-16. Awards By College and Award Type

2011

College	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total	% of Total
Northeast	178	18	0	0	374	277	19	0	866	4.8
North Iowa Area	281	127	6	0	152	150	278	19	1,013	5.7
Iowa Lakes	179	148	0	0	233	129	9	0	698	3.9
Northwest	39	18	0	0	138	155	0	0	350	2.0
Iowa Central	340	97	12	0	381	158	170	0	1,158	6.5
Iowa Valley	287	36	1	0	115	153	17	0	609	3.4
Hawkeye	395	13	3	61	438	350	141	0	1,401	7.8
Eastern Iowa	459	64	0	0	328	201	439	0	1,491	8.3
Kirkwood	944	204	0	0	888	353	96	0	2,485	13.9
Des Moines Area	820	498	123	0	595	411	552	0	2,999	16.7
Western Iowa Tech	151	5	0	0	415	473	196	0	1,240	6.9
Iowa Western	331	60	18	0	280	167	38	0	894	5.0
Southwestern	100	39	0	4	94	112	0	0	349	1.9
Indian Hills	460	28	0	0	429	492	188	0	1,597	8.9
Southeastern	287	55	0	0	224	171	37	0	774	4.3
Total	5,251	1,410	163	65	5,084	3,752	2,180	19	17,924	100.0
% of Total	29.3	7.9	0.9	0.4	28.4	20.9	12.2	0.1	100.0	

Table 6-17. Awards By College and Award Type

2012

College	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total	% of Total
Northeast	197	34	0	0	339	256	26	0	852	4.6
North Iowa Area	306	146	8	0	120	137	266	37	1,020	5.5
Iowa Lakes	161	137	0	0	229	95	11	0	633	3.4
Northwest	44	23	0	0	153	187	0	0	407	2.2
Iowa Central	449	104	22	0	403	169	176	0	1,323	7.1
Iowa Valley	292	40	2	0	67	134	5	0	540	2.9
Hawkeye	340	11	2	59	421	334	208	0	1,375	7.4
Eastern Iowa	442	66	0	0	412	194	375	0	1,489	8.0
Kirkwood	958	189	0	0	985	267	85	0	2,484	13.3
Des Moines Area	923	495	429	0	617	469	558	0	3,491	18.7
Western Iowa Tech	153	15	0	0	389	371	525	0	1,453	7.8
Iowa Western	292	79	21	0	294	191	48	0	925	4.9
Southwestern	125	52	2	5	91	97	0	0	372	2.0
Indian Hills	459	32	1	0	515	420	202	0	1,629	8.7
Southeastern	269	67	0	0	188	160	19	0	703	3.8
Total	5,410	1,490	487	64	5,223	3,481	2,504	37	18,696	100.0
% of Total	28.9	8.0	2.6	0.3	27.9	18.6	13.4	0.2	100.0	

Table 6-19. Awards By College and Award Type

2013

College	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total	% of Total
Northeast	152	22	0	0	296	181	31	0	682	4.4
North Iowa Area	245	112	6	0	147	87	214	62	873	5.6
Iowa Lakes	156	125	0	0	214	38	3	0	536	3.4
Northwest	44	14	0	0	125	114	0	0	297	1.9
Iowa Central	334	84	9	0	360	119	170	0	1,076	6.9
Iowa Valley	230	21	0	0	93	119	1	0	464	3.0
Hawkeye	330	18	0	35	358	281	199	0	1,221	7.8
Eastern Iowa	369	61	0	0	332	106	261	0	1,129	7.2
Kirkwood	788	168	0	0	743	187	107	0	1,993	12.8
Des Moines Area	740	351	183	0	447	338	501	0	2,560	16.4
Western Iowa Tech	112	16	0	0	328	404	892	0	1,752	11.2
Iowa Western	259	43	27	0	299	162	39	0	829	5.3
Southwestern	106	34	2	10	75	95	15	0	337	2.2
Indian Hills	385	19	0	0	417	270	207	0	1,298	8.3
Southeastern	207	56	0	0	172	109	14	0	558	3.6
Total	4,457	1,144	227	45	4,406	2,610	2,654	62	15,605	100.0
% of Total	28.6	7.3	1.5	0.3	28.2	16.7	17.0	0.4	100.0	

Table 6-19. Awards By College and Award Type

2014

College	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total	% of Total
Northeast	183	27	0	0	313	308	34	0	865	4.5
North Iowa Area	293	76	8	0	164	138	327	0	1,006	5.3
Iowa Lakes	155	100	0	0	214	119	10	0	598	3.1
Northwest	48	12	0	0	161	188	0	0	409	2.1
Iowa Central	410	136	18	0	414	123	198	0	1,299	6.8
Iowa Valley	305	19	4	0	105	132	0	0	565	3.0
Hawkeye	373	22	1	62	449	354	187	0	1,448	7.6
Eastern Iowa	460	94	0	0	360	173	341	0	1,428	7.5
Kirkwood	862	190	0	0	932	332	117	0	2,433	12.8
Des Moines Area	1,003	415	348	0	645	469	580	0	3,460	18.2
Western Iowa Tech	162	15	5	0	372	439	997	0	1,990	10.4
Iowa Western	368	81	26	0	399	269	143	0	1,286	6.7
Southwestern	90	16	4	114	0	83	0	0	307	1.6
Indian Hills	388	25	0	0	489	323	45	0	1,270	6.7
Southeastern	285	74	0	0	171	149	18	0	697	3.7
Total	5,385	1,302	414	176	5,188	3,599	2,997	0	19,061	100.0
% of Total	28.3	6.8	2.2	0.9	27.2	18.9	15.7	0.0	100.0	

Table 6-20. Awards By College and Award Type

2015

College	AA	AS	AGS	AAA	AAS	APS	Diploma	Certificate	Other	Total	% of Total
Northeast	170	23	0	0	361	0	284	27	0	865	4.5
North Iowa Area	277	48	7	0	150	0	113	271	0	866	4.5
Iowa Lakes	169	92	0	0	195	0	90	4	0	550	2.9
Northwest	48	15	0	0	139	0	182	0	0	384	2.0
Iowa Central	380	70	22	0	361	38	172	161	0	1,204	6.3
Iowa Valley	246	10	5	0	108	0	111	11	0	491	2.6
Hawkeye	353	17	1	61	421	0	337	216	0	1,406	7.3
Eastern Iowa	411	85	0	0	400	0	218	651	0	1,765	9.2
Kirkwood	807	163	0	0	965	0	324	149	0	2,408	12.5
Des Moines Area	1,012	331	589	0	583	0	447	611	0	3,573	18.6
Western Iowa Tech	128	22	14	0	392	0	457	1,086	0	2,099	10.9
Iowa Western	384	69	30	0	418	0	226	130	0	1,257	6.5
Southwestern	110	15	0	9	105	0	80	70	0	389	2.0
Indian Hills	379	22	0	0	458	0	368	72	0	1,299	6.8
Southeastern	261	79	0	0	174	0	144	11	0	669	3.5
Total	5,135	1,061	668	70	5,230	38	3,553	3,470	0	19,225	100.0
% of Total	26.7	5.5	3.5	0.4	27.2	0.2	18.5	18.0	0.0	100.0	

Table 6-21. Awards in Agriculture, Food, and Natural Resources

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	56	5	48	7	53	10	47	13	27	75
North Iowa Area	18	6	10	6	7	2	8	1	3	31
Iowa Lakes	50	6	64	7	47	6	35	2	6	40
Northwest	1	0	0	0	2	0			3	2
Iowa Central	15	2	8	4	15	5	13	0	1	19
Iowa Valley	16	10	2	11	8	13	6	13	27	16
Hawkeye	74	31	80	26	63	28	74	30	57	104
Eastern Iowa	10	6	21	7	15	9	19	5	25	23
Kirkwood	104	42	107	51	84	26	100	83	90	134
Des Moines Area	31	22	29	11	31	6	42	14	16	42
Western Iowa Tech	1	0	1	0	3	0	1	1	0	3
Iowa Western	18	0	23	3	13	3	14	3	3	27
Southwestern	11	2	7	5	8	2	6	1	2	14
Indian Hills	2	0	5	2	9	2	9	3	3	5
Southeastern	6	3	6	1	6	4	3	0	2	13
Total by Gender	413	135	411	141	364	116	377	169	265	548
Total	548		552		480		546		813	

Table 6-22. Awards in Architecture and Construction

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	51	6	53	1	20	1	35	0	2	63
North Iowa Area	16	3	21	1	11	0	9	1	0	9
Iowa Lakes	50	2	48	0	27	1	34	0	2	29
Northwest	90	2	96	2	57	1	100	1	0	111
Iowa Central	25	1	25	2	4	1	9	0	0	19
Iowa Valley	15	1	9	0	15	0	18	1	0	13
Hawkeye	26	1	20	1	15	1	34	9	6	30
Eastern Iowa	28	1	26	2	21	2	17	10	26	62
Kirkwood	89	2	80	5	62	4	89	12	13	71
Des Moines Area	73	8	48	5	37	0	56	7	3	63
Western Iowa Tech	65	2	57	2	44	1	88	8	14	137
Iowa Western	29	0	33	0	30	0	39	2	0	31
Southwestern	23	2	16	1	6	0	17	1	2	41
Indian Hills	22	2	24	0	11	2	17	0	1	82
Southeastern	6	1	7	0	11	7	11	0	2	10
Total by Gender	608	34	563	22	371	21	573	52	71	771
Total	642		585		392		625		842	

Table 6-23. Awards in Arts, A/V Technology, and Communications

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	3	5	0	2	3	7	1	1	1	3
North Iowa Area	1	6	0	0	0	0	0	0	0	0
Iowa Lakes	2	9	5	8	5	7	3	7	4	4
Northwest	1	8	2	5	1	5	0	5	4	0
Iowa Central	8	5	5	14	5	7	3	16	11	8
Iowa Valley	0	3	4	1	2	0	3	3	1	1
Hawkeye	12	49	11	47	7	27	11	41	41	15
Eastern Iowa	3	11	2	7	2	3	0	3	9	2
Kirkwood	10	28	10	27	4	25	7	14	6	10
Des Moines Area	32	39	31	52	12	30	23	43	45	38
Western Iowa Tech	8	13	15	21	8	30	37	34	25	68
Iowa Western	14	11	4	6	9	6	15	6	14	18
Southwestern	3	1	0	5	5	5	2	1	3	6
Indian Hills	8	2	0	0	0	0	2	2	2	1
Southeastern	105	5	2	7	7	6	3	3	7	9
Total by Gender	210	195	91	202	70	158	110	179	173	183
Total	405		293		228		289		356	

Table 6-24. Awards in Business Management and Administration

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	19	66	15	64	19	49	16	62	30	13
North Iowa Area	11	46	9	42	12	38	23	66	30	6
Iowa Lakes	13	36	14	32	6	24	0	27	15	9
Northwest	8	26	13	26	12	18	4	23	12	6
Iowa Central	18	38	15	38	12	29	1	20	7	2
Iowa Valley	4	28	1	33	1	18	5	11	10	1
Hawkeye	0	30	0	45	1	45	1	7	44	2
Eastern Iowa	22	91	38	93	12	67	4	8	124	41
Kirkwood	35	111	36	119	41	116	39	100	114	37
Des Moines Area	68	145	49	150	25	124	3	15	49	15
Western Iowa Tech	18	42	20	53	59	69	5	20	88	165
Iowa Western	4	11	3	21	6	18	4	35	3	1
Southwestern	9	23	3	29	4	13	2	28	19	2
Indian Hills	2	49	1	34	1	28	4	13	13	1
Southeastern	10	40	12	42	14	24	96	67	27	8
Total by Gender	241	782	229	821	225	680	207	502	585	309
Total	1,023		1,050		905		709		894	

Table 6-25. Awards in Education and Training

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	5	26	0	0
North Iowa Area	0	5	4	3	1	5	1	9	4	1
Iowa Lakes	0	0	0	0	0	0	3	11	0	0
Northwest	0	0	0	0	0	0	3	13	0	0
Iowa Central	0	0	0	0	0	0	4	19	0	0
Iowa Valley	0	0	0	0	0	0	0	4	0	0
Hawkeye	0	0	0	0	0	0	2	11	0	0
Eastern Iowa	0	1	0	5	0	1	2	10	3	1
Kirkwood	0	0	0	1	0	1	6	21	0	0
Des Moines Area	6	6	5	4	5	0	18	35	10	2
Western Iowa Tech	0	9	0	5	2	27	9	12	67	20
Iowa Western	1	8	0	17	3	12	2	8	7	1
Southwestern	0	0	0	0	0	0	1	4	0	0
Indian Hills	0	0	0	0	0	0	2	12	0	0
Southeastern	0	0	0	0	0	0	0	8	0	0
Total by Gender	7	29	9	35	11	46	58	203	91	25
Total	36		44		57		261		116	

Table 6-26. Awards in Finance

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	5	26	32	1
North Iowa Area	2	2	0	1	0	1	1	9	12	5
Iowa Lakes	0	0	0	0	0	0	3	11	4	1
Northwest	0	0	0	0	0	0	3	13	16	4
Iowa Central	0	0	0	0	0	0	4	19	35	13
Iowa Valley	0	0	0	0	0	0	0	4	3	0
Hawkeye	0	0	0	0	0	0	2	11	11	1
Eastern Iowa	0	0	0	0	0	0	2	10	5	2
Kirkwood	4	3	2	0	1	4	6	21	20	7
Des Moines Area	0	0	0	0	0	0	18	35	32	12
Western Iowa Tech	0	4	2	4	1	2	9	12	50	28
Iowa Western	0	0	0	0	0	0	2	8	15	3
Southwestern	0	0	0	0	0	0	1	4	3	1
Indian Hills	0	0	0	0	0	0	2	12	10	0
Southeastern	0	0	0	0	0	0	0	8	6	2
Total by Gender	6	9	4	5	2	7	58	203	254	80
Total	15		9		9		261		334	

Table 6-27. Awards in Government and Public Administration

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	0	0	0	0	0	0	0	0	0	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	0	0	0	0	0	0	0	0	0	0
Total	0		0		0		0		0	

Table 6-28. Awards in Health Science

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	23	272	27	235	17	203	19	267	267	18
North Iowa Area	42	345	41	312	53	286	82	304	270	64
Iowa Lakes	19	121	10	123	10	94	22	129	135	8
Northwest	8	79	11	97	5	106	10	110	102	6
Iowa Central	19	208	22	220	28	303	35	294	319	38
Iowa Valley	10	130	6	115	9	108	6	124	104	6
Hawkeye	20	249	16	212	7	162	20	233	265	27
Eastern Iowa	15	194	25	234	16	174	16	181	279	56
Kirkwood	63	484	49	482	40	267	59	438	436	71
Des Moines Area	40	470	47	468	44	362	49	457	492	55
Western Iowa Tech	30	318	138	461	137	432	121	472	613	145
Iowa Western	24	264	30	288	22	269	41	339	334	32
Southwestern	15	104	13	91	11	99	8	94	79	2
Indian Hills	48	502	77	549	56	434	48	350	397	66
Southeastern	20	207	27	196	86	169	11	138	158	17
Total by Gender	396	3,947	539	4,083	541	3,468	547	3,930	4,250	611
Total	4,343		4,622		4,009		4,477		4,861	

Table 6-29. Awards in Hospitality and Tourism

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0				
North Iowa Area	0	1	0	5	0	2	1	2	0	0
Iowa Lakes	5	8	3	9	2	6	7	7	6	3
Northwest	0	0	0	0	0	0			0	0
Iowa Central	8	6	8	3	9	17	7	14	7	10
Iowa Valley	0	0	0	0	0	0			0	0
Hawkeye	0	0	0	0	0	0			7	10
Eastern Iowa	0	4	8	12	4	2	7	11	29	14
Kirkwood	29	31	29	44	25	46	17	39	30	28
Des Moines Area	21	25	39	38	21	22	28	30	24	22
Western Iowa Tech	0	0	0	0	0	0			17	8
Iowa Western	3	4	2	6	2	5	8	23	30	10
Southwestern	0	0	0	0	0	0			0	0
Indian Hills	3	4	4	6	4	13	4	9	2	7
Southeastern	0	0	0	0	0	0			0	0
Total by Gender	69	83	93	123	67	113	79	135	152	112
Total	152		216		180		214		264	

Table 6-30. Awards in Human Services

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	4	20	1	30	2	16	1	32	26	0
North Iowa Area	1	0	1	10	1	2	0	1	1	0
Iowa Lakes	0	24	1	14	0	12	0	10	8	1
Northwest	0	0	0	0	0	0			0	0
Iowa Central	2	36	2	25	3	18	0	27	28	2
Iowa Valley	0	6	1	10	0	7	0	5	2	0
Hawkeye	0	24	0	23	1	23	0	28	28	0
Eastern Iowa	0	21	0	27	0	15	0	21	59	0
Kirkwood	0	7	1	13	2	8	0	8	17	0
Des Moines Area	24	131	19	139	19	86	44	152	119	26
Western Iowa Tech	0	27	0	30	1	36	2	42	78	0
Iowa Western	0	16	1	10	0	27	0	19	20	0
Southwestern	0	0	0	0	0	0			0	0
Indian Hills	1	22	1	23	1	15	0	9	11	2
Southeastern	1	7	0	1	0	1	0	6	2	1
Total by Gender	33	341	28	355	30	266	47	360	399	32
Total	374		383		296		407		431	

Table 6-31. Awards in Information Technology

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	19	4	21	6	0	0	14	4	8	12
North Iowa Area	13	2	15	7	13	9	13	3	0	7
Iowa Lakes	6	3	9	3	2	3	1	1	0	1
Northwest	5	1	7	2	0	0	2	0	0	4
Iowa Central	12	4	11	8	21	12	3	4	1	3
Iowa Valley	10	1	9	0	1	3	6	0	1	5
Hawkeye	29	7	29	6	21	4	27	12	3	28
Eastern Iowa	16	8	19	8	0	0	22	13	10	46
Kirkwood	60	19	74	17	19	11	85	19	15	125
Des Moines Area	47	11	65	8	24	42	72	15	20	71
Western Iowa Tech	9	6	13	3	27	15	9	6	4	30
Iowa Western	8	0	8	5	0	0	16	5	6	24
Southwestern	8	3	10	4	0	0	1	5	5	11
Indian Hills	34	11	36	19	15	3	34	13	12	45
Southeastern	10	0	13	0	15	19	3	1	4	7
Total by Gender	286	80	339	96	158	121	308	101	89	419
Total	366		435		279		409		508	

Table 6-32. Awards in Law, Public Safety, and Security

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	1	0	0	0
North Iowa Area	10	4	17	11	17	11	5	7	2	2
Iowa Lakes	11	9	5	2	5	2	5	2	5	10
Northwest	0	0	0	0	0	0			0	0
Iowa Central	20	13	28	10	28	10	23	14	14	24
Iowa Valley	5	2	5	3	5	3	2	2	4	1
Hawkeye	47	4	29	1	29	1	17	4	5	24
Eastern Iowa	0	0	0	0	0	0	1	0	0	0
Kirkwood	25	10	23	8	23	8	21	7	8	32
Des Moines Area	42	57	67	71	67	71	49	42	68	65
Western Iowa Tech	29	28	30	35	30	35	32	23	29	43
Iowa Western	0	0	0	0	0	0			0	0
Southwestern	0	0	0	0	0	0			0	0
Indian Hills	13	16	12	10	12	10	3	4	4	17
Southeastern	7	17	7	10	7	10	13	16	10	14
Total by Gender	209	160	223	161	223	161	172	121	149	232
Total	369		384		384		293		381	

Table 6-33. Awards in Manufacturing

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	26	0	29	1	23	0	33	0	33	0
North Iowa Area	39	0	39	1	30	0	53	1	53	1
Iowa Lakes	17	0	20	1	13	1	14	1	14	1
Northwest	36	2	36	3	19	0	36	0	36	0
Iowa Central	88	4	88	3	90	11	96	7	96	7
Iowa Valley	39	2	18	2	18	2	19	0	19	0
Hawkeye	152	9	182	13	142	9	164	17	164	17
Eastern Iowa	39	0	58	1	36	7	76	2	76	2
Kirkwood	60	2	48	0	50	3	35	5	35	5
Des Moines Area	113	16	110	4	100	6	158	7	158	7
Western Iowa Tech	43	3	44	4	51	5	57	3	57	3
Iowa Western	12	0	7	0	11	0	31	1	31	1
Southwestern	7	0	4	0	22	0	10	0	10	0
Indian Hills	140	7	94	3	40	4	87	0	87	0
Southeastern	53	3	44	1	28	25	41	1	41	1
Total by Gender	864	48	821	37	673	73	910	45	910	45
Total	912		858		746		955		955	

Table 6-34. Awards in Marketing, Sales and Services

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	8	12	1	9	4	4	4	4	5	4
North Iowa Area	1	3	3	4	6	2	6	2	1	1
Iowa Lakes	2	3	2	0	0	5	0	5	3	1
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	1	4	0	1	0	1	2	0
Hawkeye	8	10	10	7	10	8	10	8	7	7
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	15	14	8	18	8	12	8	12	17	9
Des Moines Area	20	31	17	44	14	44	12	42	39	15
Western Iowa Tech	1	7	3	4	5	7	5	7	13	12
Iowa Western	0	6	0	6	1	5	1	5	9	2
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	55	86	45	96	48	88	46	86	96	51
Total	141		141		136		132		147	

Table 6-35. Awards in Science, Technology, Engineering and Math (STEM)

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0			0	0
North Iowa Area	9	0	2	0	4	0	0	1	0	0
Iowa Lakes	5	0	0	0	0	0	1	0	0	0
Northwest	0	0	0	0	0	0			0	0
Iowa Central	10	3	12	1	18	0	7	2	0	10
Iowa Valley	0	0	0	0	2	0	8	3	2	2
Hawkeye	2	0	0	0	0	0			0	0
Eastern Iowa	3	0	9	12	5	0	4	1	18	3
Kirkwood	0	1	0	2	1	4			2	13
Des Moines Area	0	0	0	0	0	0			0	5
Western Iowa Tech	17	19	12	24	7	4	13	9	10	18
Iowa Western	2	5	1	2	1	8	2	4	9	4
Southwestern	0	0							0	0
Indian Hills	5	5	2	1	3	1			1	2
Southeastern	1	0	0	0	1	1	1	0	0	1
Total by Gender	54	33	38	42	42	18	36	20	42	58
Total	87		80		60		56		100	

Table 6-36. Awards in Transportation, Distribution, and Logistics

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	16	3	22	0	8	1	27	0	1	28
North Iowa Area	19	1	6	1	9	2	21	2	0	26
Iowa Lakes	64	2	43	0	24	1	37	1	1	29
Northwest	32	2	42	1	2	0	40	0	2	28
Iowa Central	46	1	56	0	62	1	52	5	4	65
Iowa Valley	0	0	0	0	0	0	11	1	1	3
Hawkeye	77	7	60	5	63	5	57	6	2	45
Eastern Iowa	101	8	54	3	50	6	48	3	18	235
Kirkwood	27	2	45	1	26	1	45	1	5	60
Des Moines Area	76	1	84	4	54	2	70	2	0	90
Western Iowa Tech	34	1	26	1	73	4	76	2	1	152
Iowa Western	42	0	40	1	15	0	59	4	10	89
Southwestern	24	1	28	2	18	1	15	1	1	35
Indian Hills	92	1	110	5	102	5	37	2	1	45
Southeastern	28	2	24	1	8	2	23	1	3	12
Total by Gender	678	32	640	25	514	31	618	31	50	942
Total	710		665		545		649		992	

Table 6-37. Awards in College Transfer (Parallel)

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	59	119	66	145	52	101	78	102	123	68
North Iowa Area	110	177	118	169	90	154	119	151	181	145
Iowa Lakes	68	122	67	106	72	92	51	106	116	81
Northwest	14	24	14	30	19	24	16	30	37	13
Iowa Central	144	184	185	251	140	184	149	198	218	177
Iowa Valley	124	158	149	149	107	125	146	153	139	114
Hawkeye	173	221	129	205	112	192	151	213	223	144
Eastern Iowa	169	313	163	313	146	250	210	303	325	168
Kirkwood	625	854	451	610	385	485	453	498	519	423
Des Moines Area	423	638	436	701	386	533	499	750	731	544
Western Iowa Tech	42	77	58	96	27	80	58	100	100	61
Iowa Western	163	215	180	195	138	166	211	237	287	205
Southwestern	35	67	35	89	28	82	21	63	72	52
Indian Hills	146	293	151	290	127	239	97	212	262	132
Southeastern	104	174	98	169	117	170	81	158	194	95
Total by Gender	2,399	3,636	2,300	3,518	1,946	2,877	2,340	3,274	3,527	2,422
Total	6,035		5,818		4,823		5,614		5,949	

Table 6-38. Awards by Career Cluster and Ethnicity/Race

2011

Cluster	American		Black	Hawaiian/Pacific		Two or		White	Not Reported	Total
	Indian	Asian		Islander	Hispanic	More Races				
Agriculture, Food and Natural Resources	1	1	1	0	21	1	473	50	546	
Architecture and Construction	6	5	15	0	21	1	534	59	630	
Arts, A/V Technology and Communications	0	3	6	0	10	0	255	21	292	
Business, Management and Administration	8	21	30	0	33	4	864	63	994	
Education and Training	1	0	0	0	5	0	26	4	35	
Finance	0	2	0	0	0	0	0	2	2	
Government and Public Administration	0	0	0	0	1	0	10	2	13	
Health Science	24	60	110	0	108	22	3,806	240	4,286	
Hospitality and Tourism	1	7	6	0	4	0	119	15	144	
Human Services	0	3	19	0	11	2	310	29	371	
Information Technology	1	9	7	0	9	0	316	24	356	
Law, Public Safety and Security	2	4	12	1	12	0	308	25	358	
Manufacturing	7	7	28	0	32	5	779	53	897	
Marketing, Sales and Service	1	9	6	0	5	0	109	11	131	
Science, Technology, Engineering and Mathematics	1	2	1	0	4	1	74	4	84	
Transportation, Distribution and Logistics	3	5	34	0	38	2	605	23	702	
College Transfer (Parallel)	40	83	199	2	174	20	4,855	661	5,911	
Total	96	221	474	3	488	58	13,443	1,286	15,752	

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-39. Awards by Career Cluster and Ethnicity/Race

2012

Cluster	American		Hawaiian/Pacific		Two or		Not		Total
	Indian	Asian	Black	Islander	Hispanic	More Races	White	Reported	
Agriculture, Food and Natural Resources	3	1	2	0	5	1	442	98	552
Architecture and Construction	4	5	12	0	19	2	479	64	585
Arts, A/V Technology and Communications	1	8	1	0	4	0	255	24	293
Business, Management and Administration	8	23	40	0	33	14	841	92	1,051
Education and Training	0	0	2	0	3	0	36	3	44
Finance	0	1	0	0	0	0	7	1	9
Government and Public Administration	0	0	0	0	0	0	0	0	0
Health Science	22	53	132	3	145	24	3,932	332	4,643
Hospitality and Tourism	0	9	11	0	6	1	158	31	216
Human Services	1	2	28	0	7	3	307	35	383
Information Technology	3	13	10	0	7	1	367	34	435
Law, Public Safety and Security	1	3	11	0	18	2	314	35	384
Manufacturing	5	5	32	0	38	6	721	52	859
Marketing, Sales and Service	2	10	5	0	1	1	107	15	141
Science, Technology, Engineering and Mathematics	0	0	0	0	20	1	49	10	80
Transportation, Distribution and Logistics	5	3	22	0	30	8	552	52	672
College Transfer (Parallel)	33	118	227	6	219	38	4,571	604	5,816
Total	88	254	535	9	555	102	13,138	1,482	16,163

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-40. Awards by Career Cluster and Ethnicity/Race

2013

Cluster	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	Two or More Races	White	Not Reported	Total
Agriculture, Food and Natural Resources	2	1	4	0	55	2	442	22	528
Architecture and Construction	4	5	14	0	54	2	326	17	422
Arts, A/V Technology and Communications	1	4	4	0	25	4	190	8	236
Business, Management and Administration	9	14	26	1	105	6	748	54	963
Education and Training	1	2	1	0	5	0	48	3	60
Finance	1	0	0	0	1	0	7	1	10
Government and Public Administration	0	0	0	0	0	0	0	0	0
Health Science	21	45	123	5	475	37	3,336	214	4,256
Hospitality and Tourism	1	3	8	0	27	4	144	16	203
Human Services	3	6	19	0	21	2	239	17	307
Information Technology	2	6	5	0	43	5	330	26	417
Law, Public Safety and Security	2	5	8	0	18	1	226	12	272
Manufacturing	10	8	33	0	64	2	623	24	764
Marketing, Sales and Service	2	0	8	0	13	1	98	11	133
Science, Technology, Engineering and Mathematics	1	1	0	0	5	1	53	3	64
Transportation, Distribution and Logistics	6	6	30	0	61	7	435	34	579
College Transfer (Parallel)	28	73	209	7	455	41	3,953	236	5,002
Total	94	179	492	13	1,427	115	11,198	698	14,216

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-41. Awards by Career Cluster and Ethnicity/Race

2014

Cluster	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	Two or More Races	White	Not Reported	Total
Agriculture, Food and Natural Resources	0	4	3	0	10	2	499	28	546
Architecture and Construction	6	7	14	0	38	6	528	26	625
Arts, A/V Technology and Communications	4	8	6	1	14	6	241	9	289
Business, Management and Administration	4	16	26	0	42	9	565	49	711
Education and Training	1	0	0	0	10	1	107	5	124
Finance	2	8	8	0	6	0	224	14	262
Government and Public Administration	0	0	0	0	0	0	0	0	0
Health Science	24	53	157	4	209	37	3,798	188	4,470
Hospitality and Tourism	0	13	7	1	15	3	168	7	214
Human Services	5	1	23	0	13	6	342	17	407
Information Technology	2	19	12	2	15	1	331	27	409
Law, Public Safety and Security	4	5	11	0	15	4	239	15	293
Manufacturing	12	12	45	0	40	9	809	28	955
Marketing, Sales and Service	0	1	6	0	2	1	117	8	135
Science, Technology, Engineering and Mathematics	1	0	2	0	5	1	39	8	56
Transportation, Distribution and Logistics	7	6	34	2	45	6	529	20	649
College Transfer (Parallel)	26	88	290	8	296	81	4,552	272	5,613
Total	98	241	644	18	775	173	13,088	721	15,758

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-42. Awards by Career Cluster and Ethnicity/Race

2015

Cluster	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	Two or More Races	White	Not Reported	Total
Agriculture, Food and Natural Resources	3	1	9	1	30	0	706	71	821
Architecture and Construction	6	6	33	3	47	15	693	49	852
Arts, A/V Technology and Communications	4	14	14	2	15	5	291	11	356
Business, Management and Administration	10	33	45	0	57	10	695	46	896
Education and Training	4	2	0	0	12	3	91	4	116
Finance	2	7	11	0	12	3	287	15	337
Government and Public Administration	0	0	0	0	0	0	0	0	0
Health Science	19	73	227	6	239	57	4,051	211	4,883
Hospitality and Tourism	0	7	12	1	9	2	210	7	248
Human Services	1	7	32	0	13	7	356	18	434
Information Technology	1	19	18	0	16	2	430	27	513
Law, Public Safety and Security	1	5	15	0	28	5	312	24	390
Manufacturing	12	30	106	0	85	22	1,351	75	1,681
Marketing, Sales and Service	2	4	6	0	12	2	114	7	147
Science, Technology, Engineering and Mathematics	1	3	1	0	14	0	69	16	104
Transportation, Distribution and Logistics	10	14	57	2	57	15	788	56	999
College Transfer (Parallel)	40	131	339	8	309	101	4,742	778	6,448
Total	116	356	925	23	955	249	15,186	1,415	19,225

Note: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-43. Awards by Ethnicity/Race and Award Type 2011

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
American Indian	36	0.7	5	0.4	1	0.6	0	0.0	25	0.5	24	0.7	14	0.9	0	0.0	105	0.6
Asian	65	1.3	34	2.4	1	0.6	1	1.5	64	1.3	43	1.2	24	1.5	0	0.0	232	1.4
Black	160	3.1	64	4.6	8	4.9	1	1.5	103	2.1	89	2.4	76	4.7	0	0.0	501	2.9
Hawaiian/Pacific Islander	2	0.0	1	0.1	0	0.0	0	0.0	0	0.0	2	0.1	1	0.1	0	0.0	6	0.0
Hispanic	159	3.1	44	3.2	5	3.1	2	3.0	94	1.9	153	4.2	84	5.2	1	0.0	542	3.2
Two or more races	18	0.3	4	0.3	1	0.6	0	0.0	13	0.3	14	0.4	12	0.7	0	0.0	62	0.4
White	4,226	81.6	1,118	80.1	132	81.5	62	92.5	4,274	86.3	3,003	81.8	1,215	75.7	17	89.5	14,047	82.4
Not Reported	516	10.0	125	9.0	14	8.6	1	1.5	378	7.6	344	9.4	179	11.2	1	0.0	1,558	9.1
Total	5,182		1,395		162		67		4,951		3,672		1,605		19		17,053	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-44. Awards by Ethnicity/Race and Award Type 2012

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Other</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
American Indian	29	0.6	4	0.3	1	0.6	0	0.0	28	0.6	18	0.5	16	0.9	0	0.0	96	0.6
Asian	106	2.0	30	2.1	3	1.7	1	1.6	57	1.1	45	1.4	33	1.8	0	0.0	275	1.6
Black	178	3.4	67	4.7	21	12.2	0	0.0	122	2.4	97	2.9	85	4.5	0	0.0	570	3.3
Hawaiian/Pacific Islander	5	0.1	1	0.1	0	0.0	0	0.0	1	0.0	2	0.1	1	0.1	0	0.0	10	0.1
Hispanic	201	3.9	42	3.0	5	2.9	1	1.6	135	2.7	106	3.2	106	5.7	0	0.0	596	3.5
Two or more races	34	0.7	12	0.8	1	0.6	0	0.0	20	0.4	25	0.8	17	0.9	0	0.0	109	0.6
White	4,096	79.1	1,145	81.0	136	79.1	61	96.8	4,198	83.7	2,821	84.7	1,452	77.5	37	100.0	13,946	81.6
Not Reported	529	10.2	113	8.0	5	2.9	0	0.0	452	9.0	218	6.5	163	8.7	0	0.0	1,480	8.7
Total	5,178		1,414		172		63		5,013		3,332		1,873		37		17,082	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-45. Awards by Ethnicity/Race and Award Type 2013

	AA		AS		AGS		AAA		AAS		Diploma		Certificate		Other		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
American Indian	23	0.5	7	0.6	2	1.9	0	0.0	30	0.7	20	0.8	16	0.9	0	0.0	98	0.7
Asian	50	1.2	32	3.0	1	0.9	1	2.3	50	1.2	30	1.2	31	1.7	0	0.0	195	1.4
Black	174	4.1	41	3.8	17	15.9	1	2.3	118	2.8	85	3.5	85	4.5	0	0.0	521	3.7
Hawaiian/Pacific Islander	7	0.2	1	0.1	0	0.0	0	0.0	1	0.0	2	0.1	3	0.2	0	0.0	14	0.1
Hispanic	177	4.2	32	3.0	2	1.9	3	6.8	119	2.8	92	3.7	106	5.7	1	1.6	532	3.8
Two or more races	38	0.9	7	0.6	1	0.9	1	2.3	36	0.9	16	0.7	17	0.9	0	0.0	116	0.8
White	3,540	83.8	915	84.6	84	78.5	38	86.4	3,630	86.8	2,098	85.4	1,452	77.5	61	98.4	11,818	84.2
Not Reported	214	5.1	47	4.3	0	0.0	0	0.0	197	4.7	114	4.6	163	8.7	0	0.0	735	5.2
Total	4,223		1,082		107		44		4,181		2,457		1,873		62		14,029	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-46. Awards by Ethnicity/Race and Award Type 2014

	AA		AS		AGS		AAA		AAS		Diploma		Certificate		Other		Total	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
American Indian	23	0.5	4	0.3	1	0.7	0	0.0	30	0.6	28	0.8	23	1.0	0	0.0	109	0.6
Asian	72	1.5	21	1.8	3	2.1	0	0.0	74	1.6	42	1.2	41	1.8	0	0.0	253	1.5
Black	237	4.8	61	5.1	26	18.6	3	1.8	133	2.8	119	3.5	122	5.2	0	0.0	701	4.2
Hawaiian/Pacific Islander	7	0.1	1	0.1	0	0.0	0	0.0	7	0.1	3	0.1	2	0.1	0	0.0	20	0.1
Hispanic	258	5.3	60	5.0	5	3.6	5	3.0	147	3.1	154	4.6	207	8.9	0	0.0	836	5.0
Two or more races	73	1.5	11	0.9	2	1.4	4	2.4	31	0.7	35	1.0	32	1.4	0	0.0	188	1.1
White	4,009	81.7	975	81.3	98	70.0	156	92.9	4,059	86.0	2,867	85.2	1,802	77.5	0	0.0	13,966	83.0
Not Reported	225	4.6	66	5.5	5	3.6	0	0.0	238	5.0	117	3.5	96	4.1	0	0.0	747	4.4
Total	4,904		1,199		140		168		4,719		3,365		2,325		0		16,820	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.

Table 6-47. Awards by Ethnicity/Race and Award Type 2015

	<u>AA</u>		<u>AS</u>		<u>AGS</u>		<u>AAA</u>		<u>AAS</u>		<u>APS</u>		<u>Diploma</u>		<u>Certificate</u>		<u>Total</u>	
	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%	N	%
American Indian	39	0.8	0	0.0	1	0.7	0	0.0	23	0.5	0	0.0	22	0.9	31	0.9	116	0.7
Asian	109	2.2	28	2.3	2	1.4	1	0.6	89	1.9	0	0.0	46	2.0	81	2.3	356	2.1
Black	285	5.8	56	4.7	28	20.0	1	0.6	184	3.9	10	0.3	153	6.6	208	6.0	925	5.5
Hawaiian/Pacific Islander	8	0.2	1	0.1	0	0.0	1	0.6	5	0.1	0	0.0	4	0.2	4	0.1	23	0.1
Hispanic	267	5.4	49	4.1	13	9.3	3	1.8	172	3.6	0	0.0	204	8.8	247	7.1	955	5.7
Two or more races	91	1.9	15	1.3	1	0.7	0	0.0	53	1.1	0	0.0	42	1.8	47	1.4	249	1.5
White	4,051	82.6	855	71.3	169	120.7	63	37.5	4,415	93.6	26	0.8	2,933	126.2	2,674	77.1	15,186	90.3
Not Reported	285	5.8	57	4.8	454	324.3	1	0.6	289	6.1	2	0.1	149	6.4	178	5.1	1,415	8.4
Total	5,135		1,061		668		70		5,230		38		3,553		3,470		19,225	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.



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**Table 7-1. Number of Offered Career and Technical Education Programs
2011**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		35	0	22	27	84
North Iowa Area		19	13	12	24	68
Iowa Lakes		20	20	8	25	73
Northwest		19	4	4	15	42
Iowa Central		31	6	6	16	59
Iowa Valley		21	13	6	22	62
Hawkeye	3	40	0	13	23	79
Eastern Iowa		52	1	52	19	124
Kirkwood		62	14	27	48	151
Des Moines Area		52	24	76	42	194
Western Iowa Tech		47	3	64	42	156
Iowa Western		35	1	11	12	59
Southwestern	1	14	4	2	11	32
Indian Hills		36	1	9	31	77
Southeastern		39	4	3	16	62
TOTAL	4	522	108	315	373	1322

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-2. Number of Offered Career and Technical Education Programs
2012**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		39		22	33	94
North Iowa Area		23	10	14	24	71
Iowa Lakes		27	21	8	28	84
Northwest		20	4	4	16	44
Iowa Central		35	6	6	16	63
Iowa Valley		23	13	7	24	67
Hawkeye	5	40		16	24	85
Eastern Iowa		56	1	60	21	138
Kirkwood		67	14	32	52	165
Des Moines Area		57	26	80	42	205
Western Iowa Tech		50	3	66	42	161
Iowa Western		41	1	14	14	70
Southwestern	1	22	4	2	12	41
Indian Hills		33	1	11	33	78
Southeastern		38	4	3	16	61
TOTAL	6	571	108	345	397	1427

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-3. Number of Offered Career and Technical Education Programs
2013**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		39		22	33	94
North Iowa Area		23	10	14	24	71
Iowa Lakes		21	20	8	26	75
Northwest		20	4	4	16	44
Iowa Central		34	6	6	16	62
Iowa Valley		23	13	7	24	67
Hawkeye	5	40		15	24	84
Eastern Iowa		54	1	60	21	136
Kirkwood		67	14	31	52	164
Des Moines Area		57	25	80	42	204
Western Iowa Tech		48	3	64	41	156
Iowa Western		41	1	14	14	70
Southwestern	1	22	4	2	12	41
Indian Hills		36	1	12	34	83
Southeastern		38	4	3	16	61
TOTAL	6	563	106	342	395	1412

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-1. Number of Offered Career and Technical Education Programs
2014**

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		38		24	21	83
North Iowa Area		27	2	20	13	62
Iowa Lakes		24	20	27	7	78
Northwest		21	4	16	4	45
Iowa Central		35	6	16	6	63
Iowa Valley		27	13	27	7	74
Hawkeye	6	40		25	16	87
Eastern Iowa		59	1	27	67	154
Kirkwood		69	13	49	36	167
Des Moines Area		58	25	42	83	208
Western Iowa Tech		49	3	46	69	167
Iowa Western		42	1	14	18	75
Southwestern	1	21	4	15	4	45
Indian Hills		39		39	15	93
Southeastern		38	4	17	3	62
TOTAL	7	587	96	404	369	1463

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 7-1. Number of Offered Career and Technical Education Programs
2015**

College	AAA	AAS	ASCO	APS	Certificate	Diploma	Total
Northeast	0	38	0	0	24	24	86
North Iowa Area	0	26	0	0	21	13	60
Iowa Lakes	0	41	6	0	26	7	80
Northwest	0	21	0	0	17	4	42
Iowa Central	1	36	5	2	17	6	67
Iowa Valley	0	36	9	0	30	8	83
Hawkeye	6	42	0	0	26	16	90
Eastern Iowa	0	60	0	0	23	46	129
Kirkwood	0	73	13	0	40	34	160
Des Moines Area	0	68	25	0	38	95	226
Western Iowa Tech	0	41	0	0	43	57	141
Iowa Western	0	41	1	0	11	15	68
Southwestern	1	20	4	0	11	8	44
Indian Hills	0	38	0	0	33	19	90
Southeastern	0	39	0	0	18	3	60
TOTAL	8	620	63	2	378	355	1426

Note: Numbers include both standalone programs and program options. AAA = Associate of Applied Arts; AAS = Associate of Applied Sciences; ASCO = Associate of Sciences, Career Option; APS = Associate of Professional Studies. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

8

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Table 8-1: Non-Credit Enrollment by College

College	2011	2012	2013	2014	% Average 5	
					2015	Year Change
Northeast Iowa	21,614	20,847	21,927	21,617	21,336	-0.3
North Iowa Area	11,670	11,996	12,189	11,333	11,697	0.1
Iowa Lakes	3,266	2,992	3,255	3,150	3,511	1.8
Northwest	11,064	10,584	11,044	10,486	9,642	-3.4
Iowa Central	20,297	18,760	17,125	18,319	18,039	-2.9
Iowa Valley	10,411	10,160	8,302	7,705	6,508	-11.1
Hawkeye	10,591	9,750	8,573	9,214	8,731	-4.7
Eastern Iowa	29,922	29,816	30,771	30,986	30,588	0.6
Kirkwood	37,846	39,014	41,876	43,229	40,822	1.9
Des Moines Area	30,970	29,608	26,047	24,586	22,556	-7.6
Western Iowa Tech	17,050	16,047	17,778	16,452	15,435	-2.5
Iowa Western	22,512	21,156	19,886	18,848	18,774	-4.4
Southwestern	7,521	6,552	6,581	5,811	5,616	-7.0
Indian Hills	14,722	15,968	16,150	15,270	14,597	-0.2
Southeastern	5,099	5,190	5,051	4,494	4,628	-2.4
Total	254,555	248,440	246,555	241,500	232,480	-2.2

Table 8-2: Non-Credit Contact Hours by College

College	2011	2012	2013	2014	% Average 5	
					2015	Year Change
Northeast Iowa	425,111	412,108	441,231	415,873	391,411	-2.0
North Iowa Area	191,163	201,503	200,362	196,922	213,783	2.8
Iowa Lakes	75,110	75,893	74,710	73,581	90,599	4.8
Northwest	233,903	170,665	144,261	139,823	126,267	-14.3
Iowa Central	613,776	546,712	535,593	513,298	570,271	-1.8
Iowa Valley	279,949	367,687	343,295	267,184	287,402	0.7
Hawkeye	260,855	248,964	314,047	405,153	407,533	11.8
Eastern Iowa	1,047,299	939,435	832,751	777,411	699,723	-9.6
Kirkwood	1,257,190	1,241,234	1,408,249	1,375,901	1,296,075	0.8
Des Moines Area	1,463,666	1,729,034	1,343,220	1,364,539	1,305,316	-2.8
Western Iowa Tech	562,488	482,561	533,766	469,026	452,809	-5.3
Iowa Western	503,103	477,512	460,319	421,776	432,781	-3.7
Southwestern	196,271	167,679	179,908	137,482	143,604	-7.5
Indian Hills	251,113	261,493	241,495	228,350	236,691	-1.5
Southeastern	253,070	259,237	266,758	217,486	184,397	-7.6
Total	7,614,067	7,581,717	7,319,965	7,003,805	6,838,661	-2.6

Table 8-3: Non-Credit Courses Delivered by College

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	35,750	34,871	37,528	37,400	36,204	0.3
North Iowa Area	19,194	20,031	20,338	19,405	21,071	2.4
Iowa Lakes	4,787	4,362	4,397	4,537	5,172	2.0
Northwest	22,284	20,622	19,330	18,574	16,612	-7.1
Iowa Central	32,835	30,608	32,710	39,374	27,814	-4.1
Iowa Valley	18,531	15,567	14,288	12,272	11,801	-10.7
Hawkeye	16,700	14,376	13,062	13,708	13,714	-4.8
Eastern Iowa	54,680	55,969	60,272	60,857	66,804	5.1
Kirkwood	55,990	59,085	67,024	71,425	68,756	5.3
Des Moines Area	51,067	49,465	39,352	38,616	37,560	-7.4
Western Iowa Tech	36,969	35,246	38,292	35,369	33,651	-2.3
Iowa Western	39,026	35,567	33,825	32,111	32,751	-4.3
Southwestern	17,357	16,269	9,943	8,204	7,734	-18.3
Indian Hills	26,493	29,088	29,618	25,683	25,336	-1.1
Southeastern	8,559	8,915	8,598	7,896	7,579	-3.0
Total	440,222	430,041	428,577	425,431	412,559	-1.6

Table 8-4: Non-Credit Enrollment by Program Type

Program Type	2011	2012	2013	2014	2015	% Average 5 Year Change
Adult Basic Education*	27,140	26,335	22,390	19,548	19,517	-7.9
Secondary Education*	2,994	2,186	2,497	1,839	1,867	-11.1
State/Federal Mandated, Recognized, Court Ordered/Referred*	46,395	44,752	44,401	41,009	41,392	-2.8
Enhance Employability/Academic Success*	124,154	123,171	133,495	131,291	129,972	1.2
Recertification/Relicensure*	50,281	45,246	40,106	41,265	38,697	-6.3
Community and Public Policy Family/Individual Development and Health*	690	458	992	562	142	-32.6
Adult Learning*	1,973	2,116	1,783	1,760	1,008	-15.5
Leisure/Recreational*	591	1,378	2,444	2,089	1,560	27.5
Total	270,085	262,516	263,540	254,181	248,662	-2.0

*indicates multiple CIPS and could represent duplicate enrollment

Table 8-5: Non-Credit Enrollment by Program Type

2011

College	*Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family and Individual Development and Health	Adult Learning	Leisure / Recreational	Total
Northeast Iowa	859	171	4,979	10,306	6,586	132	109	153	689	23,984
North Iowa Area	840	7	1,475	4,389	2,818	0	0	0	2,281	11,810
Iowa Lakes	329	0	785	1,575	818	0	0	0	20	3,527
Northwest	924	0	1,299	8,110	1,907	0	55	0	623	12,918
Iowa Central	1,689	0	2,970	14,640	0	0	0	0	982	20,281
Iowa Valley	1,055	47	1,493	4,761	2,111	291	516	9	816	11,099
Hawkeye	1,607	31	3,039	4,447	288	0	0	176	233	9,821
Eastern Iowa	2,946	283	4,848	16,876	1,648	92	351	57	2,434	29,535
Kirkwood	4,009	1,488	6,416	19,468	5,962	0	0	49	3,723	41,115
Des Moines Area	6,270	949	9,051	9,490	4,174	0	375	4	240	30,553
Western Iowa Tech	1,909	0	2,313	8,870	4,360	0	169	0	1,894	19,515
Iowa Western	1,571	0	3,196	6,345	12,170	46	50	123	1,316	24,817
Southwestern	488	0	1,370	3,418	2,779	3	0	6	0	8,064
Indian Hills	1,103	18	2,197	9,511	4,146	126	333	14	285	17,733
Southeastern	1,541	0	964	1,948	514	0	15	0	331	5,313
Total	27,140	2,994	46,395	124,154	50,281	690	1,973	591	15,867	270,085
% of Total	10.0	1.1	17.2	46.0	18.6	0.3	0.7	0.2	5.9	100.0

*Excludes Community Rehabilitation-Sheltered Workshops

Table 8-6: Non-Credit Enrollment by Program Type

2012

College	*Adult	State/Federal		Enhance	Recertification / Relicensure	Community and Public Policy	Family and		Leisure / Recreational	Total
	Basic Education	Secondary Education*	Mandated, Recognized, Court Ordered/Referred	Employability / Academic Success			Individual Development and Health	Adult Learning		
Northeast Iowa	577	157	4,644	9,735	6,330	237	63	31	546	22,320
North Iowa Area	819	10	1,298	4,620	3,445	0	0	0	2,047	12,239
Iowa Lakes	307	0	723	1,436	721	0	34	5	11	3,237
Northwest	470	0	1,391	7,783	1,719	0	37	0	868	12,268
Iowa Central	1,553	0	3,074	14,248	0	0	0	0	1,248	20,123
Iowa Valley	1,582	23	1,219	3,669	1,842	78	992	14	1,041	10,460
Hawkeye	1,147	11	2,970	3,461	233	0	0	307	387	8,516
Eastern Iowa	2,181	174	4,599	17,318	2,048	21	178	53	2,292	28,864
Kirkwood	3,016	973	6,127	20,275	5,569	0	0	574	3,951	40,485
Des Moines Area	7,313	801	9,140	9,301	3,501	17	195	6	313	30,587
Western Iowa Tech	2,191	0	2,347	7,354	4,582	13	45	0	1,919	18,451
Iowa Western	1,613	0	2,729	7,961	9,359	92	11	363	1,183	23,311
Southwestern	572	0	1,187	3,462	2,218	0	0	0	0	7,439
Indian Hills	1,480	37	2,337	10,265	4,296	0	561	25	658	19,659
Southeastern	1,514	0	967	2,283	424	0	0	0	410	5,598
Total	26,335	2,186	44,752	123,171	46,287	458	2,116	1,378	16,874	263,557
% of Total	10.0	0.8	17.0	46.7	17.6	0.2	0.8	0.5	6.4	100.0

*Excludes Community Rehabilitation-Sheltered Workshops

Table 8-7: Non-Credit Enrollment by Program Type

College	2013						2013		Adult Learning	Leisure / Recreational	Total
	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family and Individual Development and Health	Adult Learning			
Northeast Iowa	704	114	4,921	11,247	6,652	202	0	107	590	24,537	
North Iowa Area	749	9	1,938	4,868	2,747	0	0	0	2,044	12,355	
Iowa Lakes	286	0	691	1,702	711	0	17	10	71	3,488	
Northwest	468	0	1,544	8,500	1,625	0	27	1	822	12,987	
Iowa Central	1,735	0	2,544	14,140	0	0	0	0	447	18,866	
Iowa Valley	895	1	1,577	3,253	1,436	171	436	32	913	8,714	
Hawkeye	973	4	2,277	4,200	243	0	0	172	408	8,277	
Eastern Iowa	2,088	0	4,676	17,901	2,532	90	173	73	1,915	29,448	
Kirkwood	3,804	1,535	6,065	21,329	6,132	0	0	1,797	3,888	44,550	
Des Moines Area	4,910	807	8,850	7,039	4,087	0	325	3	144	26,165	
Western Iowa Tech	1,616	0	2,198	13,391	522	0	14	0	2,333	20,074	
Iowa Western	1,219	0	2,095	8,367	7,832	473	114	229	1,140	21,469	
Southwestern	450	0	1,491	3,692	1,869	0	0	0	0	7,502	
Indian Hills	948	27	2,485	12,007	3,282	56	667	19	266	19,757	
Southeastern	1,545	0	1,049	1,859	436	0	10	1	451	5,351	
Total	22,390	2,497	44,401	133,495	40,106	992	1,783	2,444	15,432	263,540	
% of Total	8.5	0.9	16.8	50.7	15.2	0.4	0.7	0.9	5.9	100.0	

*Excludes Community Rehabilitation-Sheltered Workshops

Table 8-8: Non-Credit Enrollment by Program Type

College	2014						2014		Total	
	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family and Individual Development and Health	Adult Learning		Leisure / Recreational
Northeast Iowa	638	93	4,270	11,780	5,648	362	0	104*	640	23,535
North Iowa Area	531	7	1,669	4,473	2,689	0	27*	0	2,040	11,436
Iowa Lakes	241	0	875	1,331	858	0	4	59*	94	3,462
Northwest	393	0	1,108	8,005	1,220	0	11	0	876	11,613
Iowa Central	1,429	0	2,223	13,618	0	0	1	0	557	17,828
Iowa Valley	824	2	1,306	2,692	1,323	34	937*	71*	912*	8,101
Hawkeye	962	6	2,387	5,308	298	0	0	29*	260	9,250
Eastern Iowa	1,951	0	4,796	18,355	2,741	52	463*	57*	1,633	30,048
Kirkwood	3,386	1175*	5,879	26,460	5,323	0	0	1350*	3,647	47,220
Des Moines Area	3,844	513*	8,445	8,514	3,277	0	59	7	79	24,225
Western Iowa Tech	1,624	0	2,057	7,704	4,554	0	13	0	2,267	18,219
Iowa Western	1,460	0	1,990	6,943	8,092	86	93	364*	1,121	20,149
Southwestern	377	0	1,279	3,395	1,444	0	0	0	7	6,502
Indian Hills	699	9	1,935	10,499	3,358	28	152*	48*	332	17,060
Southeastern	1,189	34*	790	2,214	440	0	0	0	353*	5,020
Total	19,548	1,839	41,009	131,291	41,265	562	1,760	2,089	14,818	254,181
% of Total	7.6	0.7	16.1	51.7	16.2	0.2	0.7	0.8	5.8	100.0

*indicates multiple CIPS and could represent duplicate enrollment

Table 8-9: Non-Credit Enrollment by Program Type

College	2015						2015		Adult Learning	Leisure / Recreational	Total
	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/Referred	Enhance Employability / Academic Success	Recertification / Relicensure	Community and Public Policy	Family and Individual Development and Health	Adult Learning			
Northeast Iowa	440	77	4,468	10,688	5,159	0	13	141	687	21,673	
North Iowa Area	485	0	1,916	5,102	2,828	0	31	0	1,760	12,122	
Iowa Lakes	217	0	828	1,426	946	0	39	9	233	3,698	
Northwest	349	0	1,323	8,177	972	0	40	0	334	11,195	
Iowa Central	1,515	0	2,199	13,777	0	0	0	0	1,594	19,085	
Iowa Valley	895	0	1,207	2,431	1,151	35	138	70	700	6,627	
Hawkeye	1,045	8	2,369	3,883	187	0	0	10	245	7,747	
Eastern Iowa	1,899	0	4,320	18,919	2,576	67	453	44	2,148	30,426	
Kirkwood	3,638	1,246	5,675	24,811	5,825	0	68	779	3,385	45,427	
Des Moines Area	3,967	433	8,726	8,665	2,553	0	0	2	57	24,403	
Western Iowa Tech	1,458	0	2,056	7,478	4,253	0	0	0	1,771	17,016	
Iowa Western	1,365	0	2,083	8,312	7,040	18	62	494	1,028	20,402	
Southwestern	319	16	1,215	3,297	1,556	0	5	0	8	6,416	
Indian Hills	809	8	2,185	10,949	3,056	22	159	10	266	17,464	
Southeastern	1,116	79	822	2,057	595	0		1	291	4,961	
Total	19,517	1,867	41,392	129,972	38,697	142	1,008	1,560	14,507	248,662	
% of Total	7.8	0.8	16.6	52.3	15.6	0.1	0.4	0.6	5.8	100.0	

*indicates multiple CIPS and could represent duplicate enrollment

Table 8-10: Iowa Course for Drinking Driving

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Contact	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours
Northeast Iowa	241	3,542	162	2,362	208	3,010	160	2,333	140	2,059	-12.7%	-12.7%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Northwest	88	1,211	70	980	70	966	58	814	45	581	-15.4%	-16.8%
Iowa Central	333	4,824	351	5,054	330	4,766	302	4,349	269	3,874	-5.2%	-5.3%
Iowa Valley	133	1,930	150	2,174	140	2,016	131	1,915	148	2,189	2.7%	3.2%
Hawkeye	475	8,897	567	10,407	680	11,618	629	10,709	396	7,506	-4.4%	-4.2%
Eastern Iowa	797	10,547	723	9,583	736	9,768	604	7,986	629	8,329	-5.7%	-5.7%
Kirkwood	2,172	43,342	2,327	45,661	2,279	45,402	2,326	53,597	2,152	46,555	-0.2%	1.8%
Des Moines Area	2,687	90,835	2,700	89,112	2,466	80,141	2,163	65,554	2,163	63,115	-5.3%	-8.7%
Western Iowa Tech	268	3,874	206	2,966	185	2,722	215	3,110	234	3,413	-3.3%	-3.1%
Iowa Western	431	6,221	425	6,120	512	7,373	515	7,215	452	6,768	1.2%	2.1%
Southwestern	219	3,154	174	2,506	152	2,189	145	2,074	180	2,602	-4.8%	-4.7%
Indian Hills	269	3,888	248	3,432	236	3,130	237	3,316	193	2,794	-8.0%	-7.9%
Southeastern	70	924	61	805	59	779	33	436	17	224	-29.8%	-29.8%
Total	8,183	183,188	8,164	181,163	8,053	173,879	7,518	163,408	7,018	150,008	-3.8%	-4.9%

Table 8-11: Iowa Course for Driver Improvement

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Contact	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours
Northeast Iowa	170	1,661	121	1,162	185	1,776	139	1,334	121	1,171	-8.1%	-8.4%
North Iowa Area	101	970	71	682	74	710	80	768	81	778	-5.4%	-5.4%
Iowa Lakes	39	374	37	355	17	163	27	259	42	403	1.9%	1.9%
Northwest	69	607	69	607	38	334	46	405	43	361	-11.2%	-12.2%
Iowa Central	64	614	75	720	47	451	69	662	76	730	4.4%	4.4%
Iowa Valley	79	768	98	941	76	730	71	682	65	624	-4.8%	-5.1%
Hawkeye	181	1,520	154	1,294	0	0	0	0	171	1,539	0.0	0.0
Eastern Iowa	341	3,001	274	2,411	324	2,851	327	2,878	287	2,526	-4.2%	-4.2%
Kirkwood	401	3,489	307	2,688	308	2,714	367	3,542	348	3,248	-3.5%	-1.8%
Des Moines Area	1,001	10,800	971	10,118	834	8,592	757	7,814	770	7,747	-6.3%	-8.0%
Western Iowa Tech	164	1,596	118	1,142	97	931	121	1,171	85	816	-15.2%	-15.4%
Iowa Western	123	1,181	88	845	71	682	117	1,080	83	845	-9.4%	-8.0%
Southwestern	60	576	42	403	53	509	54	518	41	394	-9.1%	-9.1%
Indian Hills	112	1,075	85	410	66	634	70	672	75	720	-9.5%	-9.5%
Southeastern	100	880	92	810	72	634	62	546	67	590	-9.5%	-9.5%
Total	3,005	29,112	2,602	24,588	2,262	21,711	2,307	22,331	2,355	22,490	-5.9%	-6.2%

Table 8-12: Community Rehabilitation Program (Sheltered Workshop)

College	2011		2012		2013		2014		2015		% Average 5 Year Change*		
	Contact		Contact		Contact		Contact		Contact		Students	Hours	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours			
Northeast Iowa	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
North Iowa Area	20	4,080	18	2,700	24	4,980	0	0	0	0	0	N/A	N/A
Iowa Lakes	0	0	0	0					0	0	0	N/A	N/A
Northwest	116	28,980	111	34,620	124	9,420	0	0	0	0	0	N/A	N/A
Iowa Central	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Valley	60	13,980	58	13,320	45	10,320	0	0	0	0	0	N/A	N/A
Hawkeye	38	3,931	33	4,551	0	0	0	0	0	0	0	N/A	N/A
Eastern Iowa	92	20,400	98	19,260	80	18,000	0	0	0	0	0	N/A	N/A
Kirkwood	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Des Moines Area	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Western	73	13,980	60	12,240	54	10,620	48	9,660	53	10,860	-7.7%	-6.1%	
Southwestern	97	18,780	91	18,360	90	18,720	75	16,800	0	0	N/A	N/A	
Indian Hills	24	5,160	24	5,520	21	4,380	27	6,060	0	0	N/A	N/A	
Southeastern	0	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Total	520	109,291	493	110,571	438	76,440	150	32,520	53	10,860	-24.8%	-21.9%	

"N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

Table 8-13: Mine Safety and Health Administration (MSHA)

College	2011		2012		2013		2014		2015		% Average 5 Year Change*	
	Contact		Contact		Contact		Contact		Contact		Students	Hours
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours		
Northeast Iowa*	129	1,238	416	7,190	250	4,358	193	4,195	182	3,407	9.0%	28.8%
North Iowa Area	31	298	71	871	36	346	55	528	77	768	25.5%	26.7%
Iowa Lakes	33	470	24	230	19	182	0	0	17	163	N/A	N/A
Northwest	36	331	33	304	71	653	79	727	63	580	15.0%	15.0%
Iowa Central	75	720	208	2,169	158	1,684	31	112	7	67	-44.7%	-44.8%
Iowa Valley	6	58	18	173	72	556	29	278	23	269	39.9%	47.0%
Hawkeye	0	0	0	0			0	0	0	0	N/A	N/A
Eastern Iowa	201	2,182	172	1,954	150	1,549	192	2,024	198	2,437	-0.4%	2.8%
Kirkwood	68	766	36	315	18	157	21	470	26	250	N/A	N/A
Des Moines Area	16	154	15	144	7	67	0	0	0	0	N/A	N/A
Western Iowa Tech	3	29	0	0	0	0	0	0	6	58	N/A	N/A
Iowa Western	10	246	0	0	13	437	0	0	0	0	N/A	N/A
Southwestern	2	58	0	0	0	0	0	0	0	0	N/A	N/A
Indian Hills	8	154	0	0	0	0	0	0	15	144	N/A	N/A
Southeastern	40	449	119	1,302	20	194	61	537	38	493	-1.3%	2.4%
Total	658	7,152	1,112	14,652	814	10,182	661	8,871	652	8,636	-1.0%	7.4%

*Includes enrollment in Economic Development, individual headcount might be duplicated.

N/A is used when at least one year has zero enrollment, thus making five-year average changes misleading.

Table 8-14: Used Motor Vehicle Dealer Education*

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Change	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours
Northeast Iowa	146	876	0	0	147	888	0	0	155	930	N/A	N/A
North Iowa Area	92	552	17	102	74	444	0	0	57	342	N/A	N/A
Iowa Lakes	21	126	0	0	36	216	0	0	25	150	N/A	N/A
Northwest	29	168	22	128	44	255	0	0	72	403	N/A	N/A
Iowa Central	86	516	0	0	40	240	0	0	35	210	N/A	N/A
Iowa Valley	71	426	0	0	43	258	0	0	35	210	N/A	N/A
Hawkeye	96	576	24	134	112	654	0	0	163	929	N/A	N/A
Eastern Iowa	104	572	0	0	112	633	0	0	102	561	N/A	N/A
Kirkwood	231	1,393	78	524	156	927	0	0	143	780	N/A	N/A
Des Moines Area	394	3,001	236	1,949	469	3,563	226	2,072	552	4,082	8.8%	8.0%
Western Iowa Tech	70	420	0	0	74	444	0	0	75	450	N/A	N/A
Iowa Western	45	270	0	0	92	497	6	34	75	430	13.6%	12.3%
Southwestern	53	318	0	0	81	486	0	0	44	264	N/A	N/A
Indian Hills	104	639	18	90	55	330	0	0	114	684	N/A	N/A
Southeastern	27	149	15	83	87	479	0	0	95	523	N/A	N/A
Total	1,569	10,002	410	3,009	1,622	10,313	232	2,106	1,742	10,948	2.6%	2.3%

Table 8-15: Corrections Non-Credit Enrollment and Contact Hours

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Contact		Contact		Contact		Contact		Contact		Change	
	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours	Students	Hours
Northeast Iowa	0	0	0	0	0	0	0	0	0	0	N/A	N/A
North Iowa Area	18	1,620	16	1,620	18	1,860	12	1,560	18	1,380	0.0%	-3.9%
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Northwest	67	5,880	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Central	681	112,534	784	125,623	636	100,976	801	125,466	748	120,997	2.4%	1.8%
Iowa Valley	70	4,740	68	10,573	65	15,960	24	1,440	0	0	N/A	N/A
Hawkeye	45	1,502	56	1,075	4	156	5	361	0	0	N/A	N/A
Eastern Iowa	121	9,120	88	7,440	115	8,460	37	2,760	102	8,340	-4.2%	-2.2%
Kirkwood	656	68,760	533	56,280	631	79,200	617	76,140	497	60,300	-6.7%	-3.2%
Des Moines Area	482	23,629	578	33,424	618	34,067	486	51,968	0	0	N/A	N/A
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Western	349	44,580	319	44,460	312	41,340	291	37,800	293	39,300	-4.3%	-3.1%
Southwestern	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Indian Hills	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Southeastern	597	81,720	679	84,540	715	81,420	533	63,900	430	37,760	-7.9%	-17.6%
Total	3,086	354,084	3,121	365,036	3,114	363,438	2,806	361,395	2,088	268,077	-9.3%	-6.7%

Note: Subset of MIS total enrollment. "N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

* indicates multiple CIPS and could represent duplicate enrollment

Table 8-16: Online Non-Credit Enrollment and Contact Hours

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact
		Hours		Hours		Hours		Hours		Hours		Hours
Northeast Iowa	416	7,364	247	7,460	217	9,251	274	15,253	320	18,298	-6.3%	25.6%
North Iowa Area	81	2,305	70	2,386	106	2,810	85	2,801	111	2,284	8.2%	-0.2%
Iowa Lakes	59	1,637	69	1,992	79	2,061	50	1,464	27	672	-17.8%	-20.0%
Northwest	25	2,220	69	3,907	113	4,713	26	525	21	424	-4.3%	-33.9%
Iowa Central	712	5,632	526	4,940	0	0	0	0	0	0	N/A	N/A
Iowa Valley	179	5,998	128	5,429	160	4,569	153	5,554	154	5,990	-3.7%	0.0%
Hawkeye	118	2,810	126	3,677	181	5,006	176	8,380	203	5,730	14.5%	19.5%
Eastern Iowa	1,211	29,496	701	32,588	688	28,980	2,597	36,733	3,951	42,661	34.4%	9.7%
Kirkwood	893	58,808	1,232	66,607	1,372	74,762	1,722	88,424	1,507	82,015	14.0%	8.7%
Des Moines Area	1,553	31,234	97	23,266	1,234	26,360	891	29,482	783	24,601	-15.7%	-5.8%
Western Iowa Tech	467	1,840	340	1,148	450	1,541	366	1,358	418	1,408	-2.7%	-6.5%
Iowa Western	761	14,432	885	1,523	1,066	22,616	1,274	24,378	1,612	21,331	20.6%	10.3%
Southwestern	48	6,023	72	1,747	9	576	85	7,441	18	2,746	-21.7%	-17.8%
Indian Hills	58	2,826	89	3,220	112	3,184	122	2,020	203	1,195	36.8%	-19.4%
Southeastern	167	7,585	131	5,864	151	4,897	135	3,858	146	5,602	-3.3%	-7.3%
Total	6,748	180,210	4,782	165,754	5,938	191,326	7,956	227,671	9,474	214,957	8.9%	4.5%

Table 8-17: Community and Public Safety Policy

College	2011		2012		2013		2014		2015		% Average 5 Year Change*	
	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact	Students	Contact
		Hours		Hours		Hours		Hours		Hours		Hours
Northeast Iowa	132	1,146	237	2,133	202	1,732	362	3,267	127	1,152	-1.0%	0.1%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Northwest	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Central	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Iowa Valley	291	5,833	78	4,946	171	5,962	34	2,328	35	5,364	-41.1%	-2.1%
Hawkeye	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Eastern Iowa	92	2,167	21	1,260	90	2,744	52	1,975	67	2,758	-0.1	0.1
Kirkwood	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Des Moines Area	0	0	17	1,224	0	0	0	0	0	0	N/A	N/A
Western Iowa Tech	0	0	13	31	0	0	0	0	0	0	N/A	N/A
Iowa Western	46	583	92	392	473	1,956	86	704	18	32	-20.9%	-51.6%
Southwestern	3	11	0	0	0	0	0	0	0	0	N/A	N/A
Indian Hills	126	605	0	0	56	178	28	202	19	1,117	-37.7%	16.6%
Southeastern	0	0	0	0	0	0	0	0	0	0	N/A	N/A
Total	690	10,344	458	9,987	992	12,573	562	8,476	266	10,423	-21.2%	0.2%

*"N/A" is used when at least one year has zero enrollment, thus making five-year average changes misleading.

Table 8-18: Non-Credit Total Enrollment by Federal Career Cluster by College

2014

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	106	433	94	1,048	163	394	0	447	1,845	579	0	232	194	257	9	5,801
Architecture and Construction	452	39	55	475	125	266	759	800	1,054	3,147	226	286	69	388	101	8,242
Arts, A/V Technology and Communication:	313	2	30	3	90	36	34	45	262	161	0	0	66	9	0	1,051
Business, Management and Administrati	2,373	800	300	457	2,704	727	1,284	2,621	3,228	1,030	1,493	1,053	492	1,112	655	20,329
Education and Training	114	36	45	106	803	1,215	0	624	189	279	21	1,033	26	187	26	4,704
Finance	235	103	13	274	96	49	5	205	190	473	0	241	20	192	13	2,109
Government and Public Administration	666	418	39	777	2,014	142	947	4,774	5,932	188	696	105	197	1,429	382	18,706
Health Science	11,809	4,955	1,342	5,347	8,013	1,885	1,629	10,723	13,489	3,922	8,372	11,397	3,076	7,516	887	94,362
Hospitality and Tourism	8	3	0	6	377	2	0	86	917	87	0	147	17	126	0	1,776
Human Services	516	74	128	698	99	183	124	760	743	413	16	797	235	432	140	5,358
Information Technology	155	0	0	0	7	2	0	24	89	14	0	0	2	1	3	297
Law, Public Safety and Security	447	34	224	119	1,274	24	38	620	1,761	65	878	302	75	309	140	6,310
Manufacturing	565	157	46	60	770	91	400	998	566	517	218	171	55	600	168	5,382
Marketing, Sales and Service	196	114	1	55	280	33	0	133	2,003	267	0	247	81	80	0	3,490
Science, Technology, Engineering and Mathematics	3	11	0	0	0	0	0	5	0	98	0	0	0	0	0	117
Transportation, Distribution and Logistics	397	622	68	235	694	122	1,426	371	2,106	1,264	127	71	26	164	200	7,893
Not a Clustered CIP	6,087	4,215	1,126	2,443	4,101	3,027	3,556	11,826	12,883	12,762	5,855	4,780	1,644	4,158	2,265	80,728
Total	24,442	12,016	3,511	12,103	21,610	8,198	10,202	35,062	47,257	25,266	17,902	20,862	6,275	16,960	4,989	266,655

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-19: Non-Credit Total Enrollment by Federal Career Cluster by College

2015

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	154	415	54	1,151	293	354	0	431	1,404	650	0	112	196	347	17	5,578
Architecture and Construction	571	25	82	338	74	142	355	296	347	1,439	85	95	0	328	154	4,331
Arts, A/V Technology and Communication:	153	0	10	0	115	24	1	82	173	234	0	0	2	1	0	795
Business, Management and Administrator	3,092	1,048	337	279	1,000	1,068	1,409	2,915	3,578	1,619	1,822	1,599	945	1,119	638	22,468
Education and Training	160	72	44	307	2,146	326	0	842	205	120	7	970	14	195	1	5,409
Finance	105	50	5	215	115	67	5	108	19	24	28	215	14	97	42	1,109
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	10,462	5,376	1,479	5,325	7,217	1,834	1,384	11,060	13,287	3,100	7,937	11,150	3,026	7,542	1,176	91,355
Hospitality and Tourism	26	9	0	71	349	14	0	150	794	106	18	218	15	51	0	1,821
Human Services	516	108	101	564	74	116	118	697	660	549	21	1,042	159	580	112	5,417
Information Technology	48	0	28	0	1	1	0	9	125	15	0	25	21	26	6	305
Law, Public Safety and Security	431	36	135	137	664	0	273	529	1,827	156	710	163	72	210	37	5,380
Manufacturing	582	123	93	73	434	153	171	1,015	487	388	248	132	45	525	232	4,701
Marketing, Sales and Service	190	90	8	50	84	93	0	44	5	65	0	205	62	85	0	981
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	22	8	0	8	0	0	0	0	1	39
Transportation, Distribution and Logistics	494	821	71	242	760	77	1,098	230	2,007	1,226	77	172	39	200	252	7,766
Not a Clustered CIP	5,828	4,124	1,268	2,159	5,753	2,572	3,594	11,716	12,664	13,544	5,261	4,578	1,973	4,366	2,090	81,490
Total	22,812	12,297	3,715	10,911	19,079	6,841	8,430	30,132	37,582	23,243	16,214	20,676	6,583	15,672	4,758	238,945

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-20: Non-Credit Total Enrollment by Gender by College**2014**

College	Male, N	Male, %	Female, N	Female, %	Unknown, N	Unknown, %	Total
Northeast	9,301	42.0	11,652	52.7	1,173	5.3	22,126
North Iowa Area	4,970	43.9	6,363	56.1	-	0.0	11,333
Iowa Lakes	1,524	45.8	1,769	53.1	37	1.1	3,330
Northwest	2,874	26.7	3,713	34.5	4,175	38.8	10,762
Iowa Central	6,958	38.0	5,907	32.2	5,454	29.8	18,319
Iowa Valley	2,736	32.9	3,760	45.2	1,814	21.8	8,310
Hawkeye	5,628	61.1	3,587	38.9	-	0.0	9,215
Eastern Iowa	6,590	20.7	7,347	23.0	17,962	56.3	31,899
Kirkwood	23,845	55.0	17,622	40.6	1,900	4.4	43,367
Des Moines Area	14,981	60.9	9,605	39.1	-	0.0	24,586
Western Iowa Tech	7,035	42.3	8,702	52.4	885	5.3	16,622
Iowa Western	5,982	30.7	11,774	60.4	1,733	8.9	19,489
Southwestern	2,400	41.3	3,346	57.6	65	1.1	5,811
Indian Hills	6,190	40.5	6,951	45.5	2,129	13.9	15,270
Southeastern	2,496	55.5	1,949	43.4	49	1.1	4,494
Total	103,510	42.3	104,047	42.5	37,376	15.3	244,933

Table 8-21: Non-Credit Total Enrollment by Gender by College**2015**

College	Male, N	Male, %	Female, N	Female, %	Unknown, N	Unknown, %	Total
Northeast	9,168	43.0	10,543	49.4	1,625	7.6	21,336
North Iowa Area	5,304	45.3	6,393	54.7	-	0.0	11,697
Iowa Lakes	1,650	45.4	1,929	53.1	56	1.5	3,635
Northwest	2,999	30.0	3,633	36.3	3,381	33.8	10,013
Iowa Central	6,259	34.7	5,454	30.2	6,326	35.1	18,039
Iowa Valley	2,390	36.7	2,384	36.6	1,734	26.6	6,508
Hawkeye	5,152	59.0	3,579	41.0	-	0.0	8,731
Eastern Iowa	7,065	22.7	8,171	26.2	15,923	51.1	31,159
Kirkwood	22,591	55.3	17,059	41.8	1,180	2.9	40,830
Des Moines Area	13,213	58.6	9,343	41.4	-	0.0	22,556
Western Iowa Tech	6,926	44.4	8,616	55.2	67	0.4	15,609
Iowa Western	6,330	32.8	11,780	61.0	1,187	6.2	19,297
Southwestern	2,556	41.6	3,310	53.9	279	4.5	6,145
Indian Hills	5,782	39.6	7,242	49.6	1,573	10.8	14,597
Southeastern	2,573	52.6	2,186	44.7	132	2.7	4,891
Total	99,958	42.5	101,622	43.2	33,463	14.2	235,043

Table 8-22: Non-Credit Total Enrollment by Race/Ethnicity by College

2014

College	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	White	Two or more races	No Response	Total
Northeast	26	30	39	4	63	2,917	59	18,988	22,063
North Iowa Area	7	30	96	3	121	5,462	-	5,614	11,212
Iowa Lakes	3	10	53	2	121	2,373	8	760	3,209
Northwest	17	17	10	2	219	3,594	12	6,891	10,543
Iowa Central	41	289	826	10	836	6,628	-	9,689	17,483
Iowa Valley	40	180	66	5	515	1,899	11	5,594	7,795
Hawkeye	19	202	1,113	16	399	7,027	85	354	8,816
Eastern Iowa	74	138	944	13	862	9,263	202	20,403	31,037
Kirkwood	24	149	676	8	554	1,627	102	40,227	42,813
Des Moines Area	86	611	1,406	6	1,222	16,056	166	5,033	23,364
Western Iowa Tech	199	231	330	13	1,298	6,157	58	8,336	15,324
Iowa Western	66	59	378	22	434	9,463	47	9,020	19,055
Southwestern	6	15	161	3	122	4,596	7	901	5,689
Indian Hills	49	67	291	2	322	8,257	37	6,245	14,948
Southeastern	24	18	247	-	96	2,184	42	1,883	4,398
Total	681	2,046	6,636	109	7,184	87,503	836	139,938	237,749

Table 8-23: Non-Credit Total Enrollment by Race/Ethnicity by College

2015

College	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	White	Two or more races	No Response	Total
Northeast	22	15	37	4	58	3,158	58	17,984	21,336
North Iowa Area	10	39	106	6	152	5,440	-	5,944	11,697
Iowa Lakes	2	6	22	4	136	2,393	11	1,061	3,635
Northwest	17	13	17	3	246	3,594	19	6,104	10,013
Iowa Central	36	198	805	14	798	6,364	-	9,824	18,039
Iowa Valley	28	117	53	3	369	820	4	5,114	6,508
Hawkeye	18	248	1,025	17	430	6,565	81	347	8,731
Eastern Iowa	78	141	894	6	882	9,268	252	19,638	31,159
Kirkwood	17	170	846	5	572	1,745	84	37,391	40,830
Des Moines Area	82	663	1,458	14	1,339	14,501	158	4,341	22,556
Western Iowa Tech	137	243	311	10	1,313	5,615	40	7,940	15,609
Iowa Western	85	75	395	22	474	9,025	38	9,183	19,297
Southwestern	6	14	155	7	193	4,987	6	777	6,145
Indian Hills	64	90	388	4	426	7,697	59	5,869	14,597
Southeastern	25	39	262	2	159	1,932	5	2,467	4,891
Total	627	2,071	6,774	121	7,547	83,104	815	133,984	235,043

Table 8-24: Non-Credit Skill Enhancement Enrollment by Federal Career Cluster by College

2014

	North east	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	South eastern	Total
Agriculture, Food and Natural Resources	0	266	0	12	0	0	0	0	223	232	0	20	0	0	0	753
Architecture and Construction	306	0	0	180	0	193	0	0	228	441	0	164	69	175	0	1,756
Arts, A/V Technology and Communication:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business, Management and Administratior	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education and Training	0	0	3	0	0	1	0	0	0	0	5	0	8	0	0	17
Finance	187	92	0	62	0	0	0	157	167	417	0	76	19	56	0	1,233
Government and Public Administration	0	87	32	46	0	10	0	0	32	0	0	0	16	13	0	236
Health Science	4,659	2,056	723	704	0	1,006	174	2,083	4,037	1,386	4,549	7,370	1,215	2,663	324	32,949
Hospitality and Tourism	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Human Services	350	74	100	167	0	85	124	460	636	308	0	252	3	271	87	2,917
Information Technology	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law, Public Safety and Security	20	0	0	0	0	0	0	0	0	0	0	0	24	0	29	73
Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	9	142	0	151
Marketing, Sales and Service	126	114	0	49	0	28	0	41	0	195	0	210	81	38	0	882
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation, Distribution and Logistics	0	0	0	0	0	0	0	0	0	298	0	0	0	0	0	298
Not a Clustered CIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5,648	2,689	858	1,220	0	1,323	298	2,741	5,323	3,277	4,554	8,092	1,444	3,358	440	41,265

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-25: Non-Credit Recertification and Licensure Enrollment by Federal Career Cluster by College

2015

	North east	North Iowa Area	Iowa Lakes	North west	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	South western	Indian Hills	South eastern	Total
Agriculture, Food and Natural Resources		325	0	10	0	0	0	0	364	321	0	0	7	140	0	1,167
Architecture and Construction	129	0	0	144	0	135	0	0	198	533	0	11	0	116	80	1,346
Arts, A/V Technology and Communication:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Business, Management and Administrator	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47
Education and Training	0	0	0	0	0	1	0	0	0	0	0	0	7	1	0	9
Finance	79	0	0	43	0	0	0	84	0	0	94	0	12	60	0	372
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	4,351	2,305	845	565	0	885	84	2,093	4,696	1,170	4,234	6,492	1,178	2,342	382	31,622
Hospitality and Tourism	0	0	0	0	0	0	0	0	0	0	0	0	0	32	0	32
Human Services	409	108	101	177		52	103	388	567	304		252	125	450	106	3,142
Information Technology	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Law, Public Safety and Security	0	0	0	0	0	0	0	0	0	0	0	0	28	0	27	55
Manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0	19
Marketing, Sales and Service	144	90	0	33	0	78	0	11	0	0	0	179	62	36	0	633
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation, Distribution and Logistics	0	0	0	0	0	0	0	0	0	225	0	0	4	0	0	229
Not a Clustered CIP	0	0	0	0	0	0	0	0	0	0	0	19	5	0	0	24
Total	5,159	2,828	946	972	0	1,151	187	2,576	5,825	2,553	4,328	6,953	1,428	3,196	595	38,697

Note: Totals may be greater than enrollment since students may be in one or more clusters. Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-26: Non-Credit Skill Enhancement Contact Hours by Federal Career Cluster by College

2014

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	1,919	2,050	725	4,667	1,226	2,485	0	1,327	12,455	3,497	0	9,060	974	2,441	149	42,975
Architecture and Construction	2,262	408	537	2,446	326	868	8,427	6,195	3,709	48,179	4,301	1,107	0	2,129	46	80,940
Arts, A/V Technology and Communications	2,159	58	120	24	491	704	115	1,166	5,704	4,926	0	0	298	102	0	15,867
Business, Management and Administration	20,199	7,013	3,343	3,240	5,199	4,262	9,305	19,166	44,301	27,073	21,499	13,353	2,813	11,797	8,594	201,157
Education and Training	1,886	170	84	617	5,648	3,259	0	3,160	4,221	3,658	108	8,781	183	248	495	32,518
Finance	1,022	0	420	2,981	746	341	144	801	605	1,728	0	80	29	1,370	373	10,640
Government and Public Administration	546	280	74	2,438	2,504	240	2,648	16,507	25,004	1086	6899	134	1136	6194	1738	67,428
Health Science	96,743	16,739	12,102	24,217	68,689	44,882	18,414	160,005	131,473	57,563	28,954	99,518	41,333	23,945	7,872	832,449
Hospitality and Tourism	323	14	0	55	2,882	24	0	2211	1032	679	0	1118	132	738	0	9,208
Human Services	1,438	0	335	5,865	1,178	580	0	3,930	1,360	5,618	77	4,711	3,961	857	669	30,579
Information Technology	18,214	0	0	0	29	58	0	461	5,030	605	0	0	86	29	132	24,644
Law, Public Safety and Security	10,232	2,880	2,875	5,825	11,289	91	7,893	17,023	10,361	4,235	20,806	7,138	307	3,826	256	105,037
Manufacturing	13,338	1,344	510	684	12,125	1,259	12,753	30,307	24,957	22,880	39,055	6,325	902	12,626	13,974	193,039
Marketing, Sales and Service	2549	0	24	0	1287	192	0	943	20045	577	0	239	0	410	0	26,266
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	0	0	0	941	0	0	0	0	0	941
Transportation, Distribution and Logistics	5,681	34,150	6,624	1,844	97,661	1,347	161,797	6,588	142,741	73,657	17,048	3,254	1,643	14,587	11,247	579,869
Not a Clustered CIP	5,416	120	0	8	0	592	0	14,288	787	4,880	0	368	0	17,822	53	44,334
Total	183,927	65,226	27,773	54,911	211,280	61,184	221,496	284,078	433,785	261,782	138,747	155,186	53,797	99,121	45,598	2,297,891

Note: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-27: Non-Credit Skill Enhancement Contact Hours by Federal Career Cluster by College

2015

	Northeast	North Iowa Area	Iowa Lakes	Northwest	Iowa Central	Iowa Valley	Hawkeye	Eastern Iowa	Kirkwood	Des Moines Area	Western Iowa Tech	Iowa Western	Southwestern	Indian Hills	Southeastern	Total
Agriculture, Food and Natural Resources	1,483	1,849	2,849	6,857	2,019	1,954	0	1,063	13,666	3,215	0	5,111	202	2,641	132	43,041
Architecture and Construction	2,532	173	592	2,817	439	0	5,326	9,744	5,530	48,006	4,615	4,778	0	2,880	1,252	88,684
Arts, A/V Technology and Communications	977	0	48	0	1,037	331	29	619	6,184	6,667	0	0	58	0	0	15,950
Business, Management and Administration	13,428	8,264	3,002	2,460	4,796	7,601	13,709	21,165	41,182	29,316	20,711	22,059	3,182	13,534	10,342	214,751
Education and Training	2,405	58	49	1,228	12,815	1,696	0	4,235	3,601	1,592	324	9,504	5	226	53	37,791
Finance	753	168	312	2,538	866	210	172	749	629	835	158	1,164	58	392	1,353	10,357
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	93,224	18,795	14,362	23,283	63,700	40,394	23,991	152,087	119,222	52,794	26,918	101,455	36,705	26,897	6,571	800,398
Hospitality and Tourism	586	43	0	553	671	34	0	3,698	4,820	827	274	1,199	618	206	0	13,529
Human Services	737	0	0	4,439	460	154	44	4,993	586	4,741	101	7,522	413	1,016	688	25,894
Information Technology	2,448	0	583	0	29	0	0	1,080	5,808	695	0	1,621	0	274	211	12,749
Law, Public Safety and Security	4,885	3,854	3,453	7,599	4,898	0	13,872	11,126	12,484	5,054	11,756	4,467	1,400	1,792	0	86,640
Manufacturing	17,487	2,795	3,150	489	8,011	2,780	17,891	44,897	25,986	26,962	33,456	4,221	1,541	12,590	7,721	209,977
Marketing, Sales and Service	264	0	38	0	2,258	58	0	265	134	1,030	0	1,322	0	456	0	5,825
Science, Technology, Engineering and Mathematics	0	0	0	0	0	0	1,267	0	0	307	0	0	0	0	20	1,594
Transportation, Distribution and Logistics	11,220	53,299	6,816	3,344	105,512	6,528	128,052	11,672	196,091	83,901	16,840	5,434	3,360	10,074	11,803	653,946
Not a Clustered CIP	1,847	58	0	0	13,737	137	0	13,926	993	18,263	0	940	13	21,391	0	71,305
Total	154,276	89,356	35,254	55,607	221,248	61,877	204,353	281,319	436,916	284,205	115,153	170,797	47,555	94,369	40,146	2,292,431

Note: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org/>.

Table 8-28: State/Federal Mandated, Recognized, Court Ordered Non-Credit Enrollment and Contact Hours

College	2011		2012		2013		2014		2015		% Average 5 Year Change	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	5,472	77,743	4,644	79,901	4,921	83,659	4,270	76,368	4,468	82,247	-4.9%	1.4%
North Iowa Area	1,520	10,839	1,298	9,131	1,938	11,755	1,669	10,860	1,916	12,125	6.0%	2.8%
Iowa Lakes	785	5,834	723	5,926	691	6,534	875	12,673	828	16,954	1.3%	30.6%
Northwest	1,631	9,389	1,391	8,703	1,544	9,076	1,108	6,937	1,323	7,140	-5.1%	-6.6%
Iowa Central	3,181	43,885	3,074	42,428	2,544	35,887	2,223	33,799	2,199	35,571	-8.8%	-5.1%
Iowa Valley	1,493	10,417	1,219	10,375	1,577	11,279	1,306	11,175	1,207	10,543	-5.2%	0.3%
Hawkeye	3,513	42,523	2,970	33,784	2,277	28,062	2,387	26,230	2,369	26,958	-9.4%	-10.8%
Eastern Iowa	5,206	39,677	4,599	35,539	4,676	38,798	4,796	37,234	4,320	32,461	-4.6%	-4.9%
Kirkwood	6,450	130,308	6,127	136,536	6,065	134,870	5,879	148,977	5,675	136,170	-3.1%	1.1%
Des Moines Area	9,051	172,094	9,140	172,050	8,850	164,614	8,445	145,342	8,726	140,781	-0.9%	-4.9%
Western Iowa Tech	2,313	34,390	2,347	32,524	2,198	33,808	2,057	29,617	2,056	27,181	-2.9%	-5.7%
Iowa Western	3,518	34,246	2,729	33,070	2,095	29,427	1,990	27,053	2,083	28,857	-12.3%	-4.2%
Southwestern	1,959	14,464	1,187	10,086	1,491	12,529	1,279	11,132	1,215	11,337	-11.3%	-5.9%
Indian Hills	2,241	15,744	2,337	16,403	2,485	19,984	1,935	15,956	2,185	15,376	-0.6%	-0.6%
Southeastern	964	9,976	967	9,435	1,049	9,863	790	6,666	822	7,821	-3.9%	-5.9%
Total	49,297	651,527	44,752	635,890	44,401	630,147	41,009	600,019	41,392	591,522	-4.3%	-2.4%

9

TABLES, ADULT LITERACY ENROLLMENT AND PROGRAMS

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Table 9-1. Adult Literacy Enrollment - MIS*

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	859	577	704	638	440	-15.4
North Iowa Area	840	819	749	531	485	-12.8
Iowa Lakes	329	307	286	241	217	-9.9
Northwest	924	470	468	393	349	-21.6
Iowa Central	1,689	1,553	1,735	1,429	1,515	-2.7
Iowa Valley	1,055	1,582	895	824	895	-4.0
Hawkeye	1,607	1,447	973	962	1,045	-10.2
Eastern Iowa	2,946	2,181	2,088	1,951	1,899	-10.4
Kirkwood	4,009	3,016	3,804	3,386	3,638	-2.4
Des Moines Area	6,270	7,313	4,910	3,844	3,967	-10.8
Western Iowa Tech	1,909	2,191	1,616	1,624	1,458	-6.5
Iowa Western	1,571	1,613	1,219	1,460	1,312	-4.4
Southwestern	488	572	450	377	319	-10.1
Indian Hills	1,103	1,480	948	699	809	-7.5
Southeastern	1,541	1,514	1,545	1,189	1,116	-7.8
Total	27,140	26,635	22,390	19,548	19,464	-8.0

*Includes CIPs 32010100, 32010900, 32010910, 32010500, 53020100. Students are counted once per CIP number, and the resulting totals exceed headcounts.

Table 9-1a. Unduplicated Adult Literacy Enrollment - MIS*

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	847	574	669	607	431	-15.5
North Iowa Area	842	807	731	526	460	-14.0
Iowa Lakes	328	302	282	236	212	-10.3
Northwest	1017	456	450	381	288	-27.1
Iowa Central	1647	1516	1510	1359	1457	-3.0
Iowa Valley	1048	1489	832	767	684	-10.1
Hawkeye	1345	1387	882	929	1007	-7.0
Eastern Iowa	2930	2134	2033	1840	1813	-11.3
Kirkwood	2981	2227	2765	2550	2758	-1.9
Des Moines Area	5930	6943	4679	3685	3851	-10.2
Western Iowa Tech	1859	1809	1561	1573	1439	-6.2
Iowa Western	1628	1592	1190	1444	1296	-5.5
Southwestern	570	556	430	376	317	-13.6
Indian Hills	1074	1434	875	656	778	-7.7
Southeastern	1494	1440	1476	1146	982	-10.0
Total	25,540	24,666	20,365	18,075	17,773	-8.7

*Students are counted only once, regardless of the participation in more than one Adult Literacy program.

Table 9-2. Basic Skills and Developmental/Remedial Education - MIS*

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	529	352	213	251	175	-24.2
North Iowa Area	479	421	371	307	251	-14.9
Iowa Lakes	0	0	0	0	0	
Northwest	649	130	124	97	149	-30.8
Iowa Central	222	505	445	525	536	24.7
Iowa Valley	38	200	162	76	192	49.9
Hawkeye	697	372	228	173	562	-5.2
Eastern Iowa	2,210	1,628	1,613	1,471	1,473	-9.6
Kirkwood	2,055	1,530	1,867	1,686	1,767	-3.7
Des Moines Area	3,178	3,595	1,984	2,086	2,169	-9.1
Western Iowa Tech	0	503	0	0	0	
Iowa Western	445	535	415	695	261	-12.5
Southwestern	93	169	148	106	261	29.4
Indian Hills	546	280	331	155	0	-100.0
Southeastern	255	313	360	849	886	36.5
Total	11,396	10,533	8,261	8,477	8,682	-6.6

*CIP codes 32010100 and 32019900

Table 9-3. High School Equivalency Certificate Program - MIS*

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	184	157	395	271	189	0.7
North Iowa Area	296	346	301	197	169	-13.1
Iowa Lakes	313	253	242	181	146	-17.4
Northwest	137	152	219	163	0	-100.0
Iowa Central	969	606	859	478	520	-14.4
Iowa Valley	539	401	428	353	0	-100.0
Hawkeye	763	828	446	453	0	-100.0
Eastern Iowa	327	307	196	109	0	-100.0
Kirkwood	1,832	1,321	1,400	1,135	1,067	-12.6
Des Moines Area	1,043	2,265	1,014	177	0	-100.0
Western Iowa Tech	1,976	932	892	782	564	-26.9
Iowa Western	995	942	655	636	0	-100.0
Southwestern	327	306	262	228	0	-100.0
Indian Hills	342	541	465	376	462	7.8
Southeastern	1,242	1,161	1,141	303	0	-100.0
Total	11,285	10,518	8,915	5,842	3,117	-27.5

*CIP code 53020100

Table 9-4. Second Language Learning (ELL)*

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	146	68	96	116	76	-15.1
North Iowa Area	62	45	77	27	65	1.2
Iowa Lakes	16	54	44	60	71	45.1
Northwest	138	188	125	133	127	-2.1
Iowa Central	498	442	431	426	459	-2.0
Iowa Valley	478	353	305	395	343	-8.0
Hawkeye	147	248	299	336	460	33.0
Eastern Iowa	409	246	279	371	426	1.0
Kirkwood	480	406	537	565	804	13.8
Des Moines Area	2,049	2,151	1,912	1,581	1,798	-3.2
Western Iowa Tech	723	756	724	842	894	5.5
Iowa Western	131	136	149	129	177	7.8
Southwestern	68	62	40	43	58	-3.9
Indian Hills	215	204	152	168	259	4.8
Southeastern	44	40	44	37	69	11.9
Total	5,604	5,399	5,214	5,229	6,086	2.1

*CIP codes 32010900 and 32010910

Table 9-5. ABE by Type of Program*

Program Type	2011	2012	2013	2014	2015	% Average 5 Year Change
Basic Skills and Developmental/Remedial Education	11,396	10,533	8,261	8,477	8,682	-6.6
High School Equivalence Certificate Program	11,285	10,518	8,915	5,842	3,117	-27.5
Second Language Learning	5,604	5,399	5,214	5,229	6,086	2.1
Total	28,285	26,450	22,390	19,548	17,885	-10.8

Table 9-6. Adult Education and Literacy Total Enrollment - NRS

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	374	257	400	300	223	-12.1
North Iowa Area	164	143	159	177	233	9.2
Iowa Lakes	10	126	130	127	146	95.5
Northwest	213	205	84	213	209	-0.5
Iowa Central	697	615	614	632	1,050	10.8
Iowa Valley	651	559	489	488	522	-5.4
Hawkeye	767	791	703	753	804	1.2
Eastern Iowa	1,291	1,276	1,119	970	1,142	-3.0
Kirkwood	750	592	651	859	1,261	13.9
Des Moines Area	3,250	3,524	2,432	2,838	3,460	1.6
Western Iowa Tech	1,015	991	743	1,021	1,105	2.1
Iowa Western	478	397	439	454	696	9.8
Southwestern	224	254	180	177	145	-10.3
Indian Hills	671	609	490	412	481	-8.0
Southeastern	612	582	611	570	726	4.4
Total	11,167	10,921	9,244	9,991	12,203	2.2

* Includes all Enrollees with 12 hours of instruction and a pre test.

Table 9-7. English as a Second Language (ESL) Enrollment - NRS

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	93	35	35	65	57	-11.5
North Iowa Area	20	15	43	23	43	21.1
Iowa Lakes	0	29	26	39	50	
Northwest	141	129	59	90	91	-10.4
Iowa Central	308	335	321	349	373	4.9
Iowa Valley	370	287	225	296	300	-5.1
Hawkeye	129	179	256	306	416	34.0
Eastern Iowa	205	174	183	246	265	6.6
Kirkwood	183	204	271	355	519	29.8
Des Moines Area	1,576	1,715	1,225	1,295	1,674	1.5
Western Iowa Tech	673	643	502	638	740	2.4
Iowa Western	86	93	111	107	120	8.7
Southwestern	34	45	24	31	37	2.1
Indian Hills	142	141	94	114	164	3.7
Southeastern	22	23	29	26	50	22.8
Total	3,982	4,047	3,404	3,980	4,899	5.3

Table 9-8. ABE by Type of Program - NRS

Program Type	2011	2012	2013	2014	2015	% Average 5 Year Change
Adult Basic Education	5,254	4,948	4,137	4,739	5,859	2.8
Adult Secondary Education	1,931	1,926	1,703	1,272	1,445	-7.0
English as a Second Language	3,982	4,047	3,404	3,980	4,899	5.3
Total	11,167	10,921	9,244	9,991	12,203	2.2

Table 9-9. Adult Basic Education Enrollment - NRS

College	2011	2012	2013	2014	2015	% Average 5 Year Change
Northeast Iowa	226	179	223	178	137	-11.8
North Iowa Area	111	100	90	123	147	7.3
Iowa Lakes	5	65	66	56	70	93.4
Northwest	31	56	18	102	95	32.3
Iowa Central	284	196	184	200	569	19.0
Iowa Valley	222	195	155	160	170	-6.5
Hawkeye	475	484	316	323	285	-12.0
Eastern Iowa	919	836	770	622	708	-6.3
Kirkwood	343	307	276	371	553	12.7
Des Moines Area	1,195	1,257	779	1,287	1,507	6.0
Western Iowa Tech	263	245	186	307	292	2.6
Iowa Western	283	204	224	252	476	13.9
Southwestern	66	92	73	85	84	6.2
Indian Hills	350	263	281	244	258	-7.3
Southeastern	481	469	496	429	508	1.4
Total	5,254	4,948	4,137	4,739	5,859	2.8

Table 9-10. Adult Secondary Education Enrollment - NRS

College	2011	2012	2013	2014	2015	% Average 5 year Change
Northeast Iowa	55	43	142	57	29	-14.8
North Iowa Area	33	28	26	31	43	6.8
Iowa Lakes	5	32	38	32	26	51.0
Northwest	41	20	7	21	23	-13.5
Iowa Central	105	84	109	83	108	0.7
Iowa Valley	59	77	109	32	52	-3.1
Hawkeye	163	128	131	124	103	-10.8
Eastern Iowa	167	266	166	102	169	0.3
Kirkwood	224	81	104	133	189	-4.2
Des Moines Area	479	552	428	256	279	-12.6
Western Iowa Tech	79	103	55	76	73	-2.0
Iowa Western	109	100	104	95	100	-2.1
Southwestern	124	117	83	61	24	-33.7
Indian Hills	179	205	115	54	59	-24.2
Southeastern	109	90	86	115	168	11.4
Total	1,931	1,926	1,703	1,272	1,445	-7.0

Table 9-11. Adult Education Programs Enrollment by College, 2015

College	MIS				TOPS Enterprise					NRS Reported			
	Basic Skills and Developmental / Remedial Education	High School Equivalency Certificate Program	Second Language Learning	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Unknown	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Total
Northeast Iowa	175	189	76	440	352	96	69	18	535	137	29	57	223
North Iowa Area	251	169	65	485	211	50	54	0	315	147	43	43	233
Iowa Lakes	0	146	71	217	106	40	71	4	221	70	26	50	146
Northwest	222	0	127	349	144	35	134	8	321	95	23	91	209
Iowa Central	536	520	459	1,515	659	130	489	2	1,280	569	108	373	1,050
Iowa Valley	552	0	343	895	233	87	354	4	678	170	52	300	522
Hawkeye	585		460	1,045	457	126	445	13	1,041	285	103	416	804
Eastern Iowa	1,473		426	1,899	1,026	220	377	5	1,628	708	169	265	1,142
Kirkwood	1,767	1,067	804	3,638	1,184	407	728	255	2,574	553	189	519	1,261
Des Moines Area	2,169		1,798	3,967	2,244	588	2,182	121	5,135	1,507	279	1,674	3,460
Western Iowa Tech		564	894	1,458	455	105	879	4	1,443	292	73	740	1,105
Iowa Western	1,135		177	1,312	651	154	168	19	992	476	100	120	696
Southwestern	261		58	319	128	38	51	103	320	84	24	37	145
Indian Hills		550	259	809	421	105	226	13	765	258	59	164	481
Southeastern	1,047		69	1,116	758	225	60	30	1,073	508	168	50	726
Total	10,173	3,205	6,086	19,464	9,029	2,406	6,287	599	18,321	5,859	1,445	4,899	12,203
% of Total	52.3	16.5	31.3	100.0	49.3	13.1	34.3	3.3	100.0	48.0	11.8	40.1	100.0

Table 9-11a. Adult Education Basic Skills Enrollment by College, 2015

College	MIS			Total
	General	Math	English	
Northeast Iowa	175			175
North Iowa Area	251			251
Iowa Lakes	0			0
Northwest	149	44	29	222
Iowa Central	536			536
Iowa Valley	192	185	175	552
Hawkeye	562	23		585
Eastern Iowa	1,473			1,473
Kirkwood	1,767			1,767
Des Moines Area	2,169			2,169
Western Iowa Tech				0
Iowa Western	1,135			1,135
Southwestern	261			261
Indian Hills	0			0
Southeastern	886	41	120	1,047
Total	9,556	293	324	10,173
% of Total	93.9	2.9	3.2	100.0

Table 9-12. Adult Education Programs Enrollment by College, 2014

College	MIS				TOPS Enterprise					NRS Reported			
	Basic Skills and Developmental / Remedial Education	High School Equivalency Certificate Program	Second Language Learning	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Unknown	Total	Adult Basic Education	Adult Secondary Education	English as a Second Language	Total
Northeast Iowa	251	271	116	638	454	138	91	64	747	178	57	65	300
North Iowa Area	307	197	27	531	174	37	24	3	238	123	31	23	177
Iowa Lakes	0	181	60	241	103	52	61	12	228	56	32	39	127
Northwest	97	163	133	393	151	40	141	12	344	102	21	90	213
Iowa Central	525	478	426	1,429	281	97	445	15	838	200	83	349	632
Iowa Valley	76	353	395	824	258	69	340	26	693	160	32	296	488
Hawkeye	173	453	336	962	513	143	362	22	1,040	323	124	306	753
Eastern Iowa	1,471	109	371	1,951	1,175	185	326	21	1,707	622	102	246	970
Kirkwood	1,686	1,135	565	3,386	1,034	306	474	255	2,069	371	133	355	859
Des Moines Area	2,086	177	1,581	3,844	2,590	656	1,933	349	5,528	1,287	256	1,295	2,838
Western Iowa Tech	0	782	842	1,624	596	119	797	65	1,577	307	76	638	1,021
Iowa Western	695	636	129	1,460	452	137	123	7	719	252	95	107	454
Southwestern	106	228	43	377	150	83	40	102	375	85	61	31	177
Indian Hills	155	376	168	699	395	87	153	22	657	244	54	114	412
Southeastern	849	303	37	1,189	669	189	33	218	1,109	429	115	26	570
Total	8,477	5,842	5,229	19,548	8,995	2,338	5,343	1,193	17,869	4,739	1,272	3,980	9,991
% of Total	43.4	29.9	26.7	100.0	50.3	13.1	29.9	6.7	100.0	47.4	12.7	39.8	100.0

Table 9-13. NRS Enrollment by Entering Educational Functioning Level, Ethnicity and Gender, 2015

Entering Educational Functioning Level	American Indian or Alaskan Native		Asian		Black or African American		Hispanic or Latino		White		Native Hawaiian or Other Pacific Islander		Two or More Races		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	ABE Beginning Literacy	1	3	4	2	34	30	39	26	56	50	0	0	0	
ABE Beginning Basic Education	5	4	12	9	132	107	105	91	138	147	2	1	6	7	766
ABE Intermediate Low	16	5	21	17	316	162	159	175	364	297	3	2	18	19	1,574
ABE Intermediate High	25	20	24	28	359	209	266	310	1008	916	1	1	49	57	3,273
ABE Subtotal	47	32	61	56	841	508	569	602	1566	1410	6	4	73	84	5,859
ASE Low	11	3	14	26	70	41	84	76	414	237	1	2	20	9	1,008
ASE High	4	2	6	5	19	9	36	14	242	94	0	0	5	1	437
ASE Subtotal	15	5	20	31	89	50	120	90	656	331	1	2	25	10	1,445
ESL Beginning Literacy	0	0	52	90	33	65	41	52	6	8	0	3	1	3	354
ESL Beginning Low	0	0	68	86	56	72	81	169	7	12	0	0	2	4	557
ESL Beginning High	1	1	136	147	99	120	218	342	20	31	1	2	5	6	1,129
ESL Intermediate Low	0	0	161	166	121	100	268	408	24	50	2	1	6	5	1,312
ESL Intermediate High	0	0	107	161	77	45	179	291	14	47	1	0	2	3	927
ESL Advanced	0	0	57	100	38	20	133	213	20	34	0	1	2	2	620
ESL Subtotal	1	1	581	750	424	422	920	1475	91	182	4	7	18	23	4899
Total	63	38	662	837	1,354	980	1,609	2,167	2,313	1,923	11	13	116	117	12,203

Table 9-14. NRS Enrollment by Entering Educational Functioning Level, Ethnicity and Gender, 2014

Entering Educational Functioning Level	American Indian or Alaskan Native		Asian		Black or African American		Hispanic or Latino		White		Native Hawaiian or Other Pacific Islander		Two or More Races		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	ABE Beginning Literacy	0	1	2	1	25	31	23	19	55	55	0	0	0	
ABE Beginning Basic Education	1	7	3	10	89	84	53	93	131	152	2	1	5	12	643
ABE Intermediate Low	9	9	7	8	177	133	107	139	241	316	1	4	13	13	1,177
ABE Intermediate High	12	16	30	22	230	209	203	269	772	864	5	4	25	45	2,706
ABE Subtotal	22	33	42	41	521	457	386	520	1,199	1,387	8	9	43	71	4,739
ASE Low	5	4	7	10	60	46	56	46	316	265	2	1	7	8	833
ASE High	1	2	2	6	14	16	27	21	195	143	1	2	4	5	439
ASE Subtotal	6	6	9	16	74	62	83	67	511	408	3	3	11	13	1,272
ESL Beginning Literacy	0	0	33	63	24	65	24	38	1	2	0	0	1	3	254
ESL Beginning Low	0	0	45	49	28	60	46	81	5	6	0	0	1	5	326
ESL Beginning High	0	0	98	106	64	74	156	244	9	39	0	0	3	8	801
ESL Intermediate Low	1	1	139	150	86	95	208	321	28	39	1	2	3	6	1,080
ESL Intermediate High	0	0	112	140	55	45	167	261	26	34	0	1	2	4	847
ESL Advanced	0	0	55	97	38	26	151	257	14	30	1	0	1	2	672
ESL Subtotal	1	1	482	605	295	365	752	1,202	83	150	2	3	11	28	3,980
Total	29	40	533	662	890	884	1,221	1,789	1,793	1,945	13	15	65	112	9,991

Table 9-15. NRS Participant by College, Ethnicity and Race, 2015

College	American		Hispanic or			Hawaiian/	Two or	Total
	Indian	Asian	Black	Latino	White	Pacific Islander	more races	
Northeast	0	10	34	52	122	0	5	223
North Iowa Area	0	11	26	58	128	2	8	233
Iowa Lakes	1	4	2	58	78	0	3	146
Northwest	0	6	2	118	82	0	1	209
Iowa Central	9	95	209	390	332	2	13	1,050
Iowa Valley	14	89	33	260	117	0	9	522
Hawkeye	2	178	210	167	228	4	15	804
Eastern Iowa	8	66	220	322	484	1	41	1,142
Kirkwood	5	98	395	317	410	4	32	1,261
Des Moines Area	22	732	739	967	916	7	77	3,460
Western Iowa Tech	17	142	132	640	164	0	10	1,105
Iowa Western	13	18	111	180	368	1	5	696
Southwestern	0	3	4	37	99	1	1	145
Indian Hills	3	25	63	120	261	2	7	481
Southeastern	7	22	154	90	447	0	6	726
Total	101	1,499	2,334	3,776	4,236	24	233	12,203

Table 9-16. NRS Participant by College, Ethnicity and Race, 2014

College	American		Hispanic or			Hawaiian/	Two or	Total
	Indian	Asian	Black	Latino	White	Pacific Islander	more races	
Northeast	2	9	48	71	166	1	3	300
North Iowa Area	0	9	18	26	117	1	6	177
Iowa Lakes	1	4	2	45	71	2	2	127
Northwest	1	3	1	120	84	4	0	213
Iowa Central	1	94	49	291	189	2	6	632
Iowa Valley	4	115	37	214	116	0	2	488
Hawkeye	0	130	185	157	272	1	8	753
Eastern Iowa	0	74	135	294	434	1	32	970
Kirkwood	4	90	221	223	293	2	26	859
Des Moines Area	22	521	707	687	836	3	62	2,838
Western Iowa Tech	26	117	140	548	175	7	8	1,021
Iowa Western	3	15	42	136	256	0	2	454
Southwestern	1	0	1	41	131	1	2	177
Indian Hills	2	5	49	97	250	3	6	412
Southeastern	2	9	139	60	348	0	12	570
Total	69	1,195	1,774	3,010	3,738	28	177	9,991

Table 9-17. NRS Participant by College, Age and Gender, 2015

College	16-18		19-24		25-44		45-59		60+		Total
	M	F	M	F	M	F	M	F	M	F	
Northeast	22	30	29	33	27	50	9	15	5	3	223
North Iowa Area	19	23	38	33	29	64	9	14	2	2	233
Iowa Lakes	20	17	16	19	35	30	3	6	0	0	146
Northwest	14	7	15	26	37	71	11	17	6	5	209
Iowa Central	56	38	217	83	303	177	78	87	3	8	1,050
Iowa Valley	60	34	59	51	106	157	15	28	5	7	522
Hawkeye	24	20	102	109	231	208	32	59	11	8	804
Eastern Iowa	118	84	187	180	214	240	37	68	4	10	1,142
Kirkwood	76	56	151	116	306	331	85	89	22	29	1,261
Des Moines Area	120	113	349	424	747	1,132	201	295	33	46	3,460
Western Iowa Tech	33	18	143	134	238	346	72	94	14	13	1,105
Iowa Western	27	20	123	69	220	148	48	37	2	2	696
Southwestern	18	10	29	18	27	31	3	8	0	1	145
Indian Hills	50	29	74	57	90	88	35	37	12	9	481
Southeastern	30	22	180	48	281	63	67	17	14	4	726
Total	687	521	1,712	1,400	2,891	3,136	705	871	133	147	12,203

Table 9-18. NRS Participant by College, Age and Gender, 2014

College	16-18		19-24		25-44		45-59		60+		Total
	M	F	M	F	M	F	M	F	M	F	
Northeast	24	28	37	55	46	77	9	20	2	2	300
North Iowa Area	21	7	20	32	30	54	3	9	0	1	177
Iowa Lakes	6	20	20	13	29	26	7	6			127
Northwest	7	2	14	26	39	80	12	21	7	5	213
Iowa Central	40	35	80	61	122	187	33	65	5	4	632
Iowa Valley	54	38	55	50	101	137	19	26	4	4	488
Hawkeye	27	22	102	102	200	199	29	60	7	5	753
Eastern Iowa	82	67	145	161	173	222	34	69	7	10	970
Kirkwood	55	53	85	98	162	268	40	58	14	26	859
Des Moines Area	109	101	322	354	563	918	163	242	30	36	2,838
Western Iowa Tech	48	41	146	133	209	276	61	88	10	9	1,021
Iowa Western	27	21	40	77	68	156	25	30	6	4	454
Southwestern	17	16	33	35	19	38	3	10	2	4	177
Indian Hills	36	28	58	53	70	89	27	36	10	5	412
Southeastern	43	15	163	49	166	46	53	19	9	7	570
Total	596	494	1,320	1,299	1,997	2,773	518	759	113	122	9,991

Table 9-19. *Basic Literacy Skill Certificates

College	2011	2012	2013	2014	2015	% Average
						5 year Change
Northeast Iowa	69	42	68	64	52	-6.8
North Iowa Area	28	21	30	111	142	50.1
Iowa Lakes	4	35	40	36	66	101.5
Northwest	29	34	10	71	66	22.8
Iowa Central	320	235	292	267	452	9.0
Iowa Valley	180	167	102	191	283	12.0
Hawkeye	237	296	364	384	446	17.1
Eastern Iowa	231	302	463	518	665	30.3
Kirkwood	227	97	128	229	389	14.4
Des Moines Area	1,187	1,064	585	1,206	1,512	6.2
Western Iowa Tech	426	318	160	286	518	5.0
Iowa Western	130	116	148	205	315	24.8
Southwestern	103	97	63	79	62	-11.9
Indian Hills	321	268	217	168	167	-15.1
Southeastern	146	121	125	133	235	12.6
Total	4,168	3,638	3,213	2,795	5,370	6.5

*Includes NRS Enrollees including corrections and online programs. Counts include at least one level gain (multiple gains are only counted once).

Table 9-20. High School Equivalency Awards

College	2011	2012	2013	2014	2015	% Average
						5 year Change
Northeast Iowa	136	116	159	133	24	-35.2
North Iowa Area	78	69	69	55	54	-8.8
Iowa Lakes	40	41	63	37	37	-1.9
Northwest	31	34	26	35	6	-33.7
Iowa Central	286	281	270	284	212	-7.2
Iowa Valley	113	113	139	98	78	-8.9
Hawkeye	171	171	173	159	46	-28.0
Eastern Iowa	548	457	474	480	381	-8.7
Kirkwood	430	443	450	365	145	-23.8
Des Moines Area	869	787	571	827	502	-12.8
Western Iowa Tech	196	218	197	180	83	-19.3
Iowa Western	222	199	191	317	197	-2.9
Southwestern	41	50	45	56	24	-12.5
Indian Hills	140	148	119	105	80	-13.1
Southeastern	260	277	231	231	73	-27.2
Total	3,867	3,561	3,404	3,177	1,942	-15.8

Source: NRSpro.

Table 9-21. Community College Adult High School Diplomas***

College	2010	2011	2012	2013	2014	2015
Northeast Iowa	0	0	0	0	0	24
North Iowa Area	0	0	0	0	0	
Iowa Lakes	0	NR	0	67	41	44
Northwest	0	0	0	7	3	2
Iowa Central	0	0	0	0	0	
Iowa Valley	2	NR	0	0	0	
Hawkeye	1	1	1	0	0	
Eastern Iowa	0	0	0	0	0	
Kirkwood	53	72	51	72	75	79
Des Moines Area	117	129	93	63	126	465
Western Iowa Tech	0	NR	0	0	0	
Iowa Western	0	13	0	0	0	
Southwestern	0	0	0	0	0	
Indian Hills	0	0	0	0	0	
Southeastern	0	0	0	0	0	
Total	156	156	173	215	209	614

***Community college-based adult high school diploma programs.

Table 9-22. Enrollment by College - Core Measures 2015

College	Secondary Cohort	Number of Participants with Unavailable Data for Matching	Secondary Cohort Achieved	Post-Secondary Cohort	Number of Participants with Unavailable Data for Matching	Post-Secondary Cohort Achieved	Entered Employment Cohort	Number of Participants with Unavailable Data for Matching	Entered Employment Cohort Achieved	Retained Employment Cohort	Number of Participants with Unavailable Data for Matching	Retained Employment Cohort Achieved
Northeast Iowa	8	2	8	15	2	9	37	16	21	133	39	96
North Iowa Area	46	4	46	60	2	19	65	3	24	75	21	60
Iowa Lakes	26	10	26	36	7	14	17	4	10	50	18	35
Northwest	2	5	2	19	7	4	9	12	10	42	19	26
Iowa Central	143	22	143	200	8	30	209	46	45	259	109	156
Iowa Valley	56	18	56	76	17	17	132	39	18	62	34	41
Hawkeye	42	6	42	82	5	26	136	10	19	135	30	114
Eastern Iowa	281	39	279	334	16	154	268	30	118	415	180	289
Kirkwood	78	20	78	218	31	108	208	60	79	226	115	162
Des Moines Area	151	97	151	644	137	126	1,098	331	162	999	557	494
Western Iowa Tech	37	35	37	105	28	29	216	62	47	317	141	188
Iowa Western	92	12	92	116	6	29	72	12	33	299	85	193
Southwestern	22	2	22	42	1	15	61	7	20	78	27	52
Indian Hills	42	25	42	59	22	10	147	54	29	223	98	115
Southeastern	62	11	62	166	11	17	158	30	72	186	87	132
Total	1,088	308	1,086	2,172	300	607	2,833	716	707	3,499	1,560	2,153

*Student may appear in multiple colleges

Table 9-23. Enrollment by College - Core Measures 2014

College	Secondary Cohort	Number of Participants with Unavailable Data for Matching	Secondary Achieved	PostSecondary Cohort	Number of Participants with Unavailable Data for Matching	PostSecondary Achieved	Entered Employment Cohort	Number of Participants with Unavailable Data for Matching	Entered Employment Achieved	Retained Employment Cohort	Number of Participants with Unavailable Data for Matching	Retained Employment Achieved
Northeast Iowa	56	2	54	67	6	42	94	6	48	82	9	50
North Iowa Area	52	3	49	73	2	21	33	2	9	70	2	25
Iowa Lakes	23	2	21	24	5	6	52	4	26	42	9	11
Northwest	19	5	14	19	12	8	24	18	6	62	22	9
Iowa Central	129	24	105	160	25	71	175	48	50	213	56	107
Iowa Valley	59	8	51	57	7	11	87	13	30	26	8	29
Hawkeye	131	9	122	147	1	58	105	0	47	85	0	87
Eastern Iowa	300	45	251	316	18	314	198	4	77	258	27	65
Kirkwood	107	18	89	198	35	63	154	31	51	234	46	96
Des Moines Area	344	197	146	332	216	99	500	160	132	550	259	219
Western Iowa Tech	128	20	107	139	38	49	159	34	39	257	64	57
Iowa Western	138	4	133	156	8	51	158	23	34	202	14	101
Southwestern	55	3	52	74	1	26	85	4	36	45	1	49
Indian Hills	79	24	55	86	42	27	234	71	68	156	35	116
Southeastern	139	5	134	175	4	20	123	2	59	100	9	50
Total	1,759	369	1,383	2,023	420	866	2,181	420	712	2,382	561	1,071

*Student may appear in multiple colleges

Table 9-24. Enrollment by Program Type - Distance Education* 2015

Enrollment by Progi	Students		Attendance Hours	Basic Literacy Skills Certificates	Core Measures							
	M	F			Secondary Cohort	Secondary Achieved	Post-Secondary Cohort	Post-Secondary Achieved	Entered Employment Cohort	Entered Employment Achieved	Retained Employment Cohort	Retained Employment Achieved
Adult Basic Skills	60	108	10,621	84	26	26	35	10	48	10	63	25
Adult Secondary Skill	56	44	5,197	50	28	28	40	10	24	5	46	15
English as a Second L	0	0	0	0	0	0	0	0	0	0	0	0
Total	116	152	15,818	134	54	54	75	20**	72	15**	109	40**

*Subset of NRS enrollment 51% or higher instruction received through distance education

**Weighted based on rate of return

Table 9-25. Enrollment by Program Type - Distance Education* 2014

Enrollment by Progi	Students		Attendance Hours	Basic Literacy Skills Certificates	Core Measures							
	M	F			Secondary Cohort	Secondary Achieved	Post-Secondary Cohort	Post-Secondary Achieved	Entered Employment Cohort	Entered Employment Achieved	Retained Employment Cohort	Retained Employment Achieved
Adult Basic Skills	32	47	5,286	47	17	17	34	5	20	5	26	9
Adult Secondary Skill	22	17	2,145	26	21	19	23	15	12	5	18	10
English as a Second L	2	0	230	1	0	0	1	0	0	0	0	0
Total	56	64	7,661	74	38	36	58	20**	32	10**	44	19**

*Subset of NRS enrollment 51% or higher instruction received through distance education

**Weighted based on rate of return

Table 9-26. Enrollment by Program Type - Correction* 2015

Enrollment by Progi	Students		Attendance Hours	Literacy Skills Certificates	Core Measures	
	M	F			Secondary Cohort	Secondary Achieved
Adult Basic Skills	380	173	60,433	197	107	90
Adult Secondary Skill	82	17	8,966	42	120	101
English as a Second L	0	1	68	0	0	0
Total	462	191	69,467	239	227	191

*Subset of NRS enrollment

Table 9-27. Enrollment by Program Type - Correction* 2014

Enrollment by Program	Students		Attendance Hours	Literacy Skills Certificates	Core Measures	
	M	F			Secondary Cohort	Secondary Achieved
Adult Basic Skills	380	173	60,433	197	58	47
Adult Secondary Skill	82	17	8,966	42	39	33
English as a Second L	0	1	68	0	0	0
Total	462	191	69467	239	97	80

*Subset of NRS enrollment

Table 9-28. Participant Status on Entry by Program* 2015

Enrollment by Program Type	Employment Status				Highest Level of School Completed					Secondary Status Measures* (optional)		
	Employed	Unemployed	Not Seeking	Not Reported	Grades 0-5	Grades 6-8	Grades 9-12	Grade 12+	Not Reported	Single Parent	TANF, WIA, or Other Public Assistance	Dislocated Worker
Adult Basic Skills	1,997	2,490	1,339	33	106	623	5,050	80		761	648	29
Adult Secondary Skills	531	627	282	5	7	74	1,271	93		107	97	13
English as a Second Language	2,546	2,115	188	50	961	952	2,217	769		90	147	18
Total	5,074	5,232	1,809	88	1,074	1,649	8,538	942	0	958	892	60

Subset of NRS enrollment

14% 70%

*Top three self reported includes multiple responses

Table 9-29. Participant Status on Entry by Program* 2014

Enrollment by Program Type	Employment Status				Highest Level of School Completed					Secondary Status Measures* (optional)		
	Employed	Unemployed	Not Seeking	Not Reported	Grades 0-5	Grades 6-8	Grades 9-12	Grade 12+	Not Reported	Single Parent	TANF, WIA, or Other Public Assistance	Dislocated Worker
Adult Basic Skills	1,977	1,711	289	3	57	436	4,184	61	1	645	744	33
Adult Secondary Skills	1,639	2,765	324	11	3	68	1,157	44	0	120	137	17
English as a Second Language	535	639	98	0	832	872	1,747	525	4	53	67	8
Total	4,151	5,115	711	14	892	1,376	7,088	630	5	818	948	58

Subset of NRS enrollment

*Top three self reported includes multiple responses

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SKILLED WORKER AND JOB CREATION FUND, TABLES

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Table 10-1: FY2014 PACE Budget Summary

	Total (\$)
FY 2014 Allocation	5,000,000
Expenses:	
Financial & Education Support	649,815
Personal Support	126,746
Career Support	3,607
Salary & Personnel	1,553,259
Travel	53,971
Supplies & Equipment	57,295
Other	254,024
Total Expenses	2,700,181
FY 2015 Carryforward	2,299,819

Table 10-2: FY2015 PACE Budget Summary

	Total (\$)
FY 2014 Carry Forward	2,299,819
FY 2015 Allocation	5000000
FY 2015 Total Funds	7,299,819
Student Expense Categories	
Financial & Educational Support	1,390,135
Personal Support	449,748
Career Support	34,670
College Expense Categories	
Salary & Personnel	3,069,137
Travel	116,099
Supplies & Equipment	234,088
Other	433981
Regional Industry Sector Partnerships	57,245
Total Expenses	5785103
FY 2016 Carry Forward	1,514,716

Table 10-3: FY 2014 PACE Participant Summary

	Total
Number of Completed Applications	3,355
Number of Approved Participants	2,311
Actively Participating in Program/Training	
<i>HSED and Basic Skills Training</i>	540
<i>Certificate Programs</i>	737
<i>Degree Programs</i>	640
<i>Diploma Programs</i>	72
<i>Total</i>	1,989
Completed Program/Training	
<i>HSED and Basic Skills Training</i>	129
<i>Certificate Programs</i>	569
<i>Degree Programs</i>	20
<i>Diploma Programs</i>	11
<i>Total</i>	729
Receiving Support Services*	
<i>Personal Support</i>	460
<i>Career Support</i>	676
<i>Receiving Both Supports</i>	917
<i>Not Receiving Supports</i>	576

* Totals include active participants and program completers.

Table 10-4: FY 2015 PACE Participant Summary

	Total
Number of Completed Applications	5,909
Number of Approved Participants	4,143
Training Activities Pursued	
<i>HSED & Basic Skills</i>	1,445
<i>Certificate Programs</i>	2,360
<i>Degree Seeking</i>	1,940
<i>Diploma Programs</i>	578
Total Training Activities	6,323

Table 10-5: FY2014 Gap Budget Summary

	Total (\$)
FY 2013 Carry Forward	1,021,256
FY 2014 Allocation	2,000,000
FY 2014 Total Funds	3,021,256
Expenses:	
Tuition & Books	1,890,835
Equipment	35,075
Fees, Assessment, Testing	73,856
Staff Support & Services	160,065
Total Expenses	2,159,831
FY 2015 Carryforward	861,425

Table 10-5: FY2015 Gap Budget Summary

Source	Amount(\$)
FY 2014 Carry Forward	861,426
FY 2015 Allocation	2,000,000
FY 2015 Total Funds	2,861,426
Expenses	
Tuition & Books	2,037,748
Equipment	38,886
Fees, Assessment, Testing	145,917
Staff Support & Services	192,464
Total Expenses	2,415,015
FY 2016 Carry Forward	446,411

Table 10-6: FY 2014 Gap Participant Summary

	Total
Number of Completed Applications	3279
Number of Approved Participants	1631
Status of Approved Participants	
Completed Training	998
Did Not Complete Training	167
Completion Rate	85.67%
Number of Earned 3rd Party Credentials	500

Table 10-6: FY 2015 Gap Participant Summary

	Total
Number of Completed Applications	3272
Number of Approved Participants	1348
Status of Approved Participants	
Completed Training	1049
Did Not Complete Training	180
Completion Rate	85.40%
Number of Earned 3rd Party Credentials	660



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Table 11-1. Apprenticeship Enrollment

Fiscal Year	Credit		Non-Credit	
	Students	Credit Hours	Students	Contact Hours
2011	230	3,615	2,783	557,860
2012	245	3,561	2,107	422,449
2013	191	2,711	2,754	551,955
2014	244	2,719	3,128	611,286
2015	201	2,510	190	30,805

Table 11-2. Non-Credit Non-IEDA Enrollment and Contact Hours

Fiscal Year	Students	Contact Hours
2011	6	824.4
2012	11	165.0
2013	0	0.0
2014	91	10,224.0
2015	116	20,946.6

Table 11-3. 260E and 260F Enrollment

Fiscal Year	260E		260F	
	Students	Contact Hours	Students	Contact Hours
2011	0	0	2,178	442,220
2012	0	0	2,096	422,284
2013	0	0	2,147	420,915
2014	5	18	2,111	403,659
2015	0	0	190	30,805

Table 11-4. 260E Apprenticeship Enrollment by College, Latest 5 years*

College	2011		2012		2013		2014		2015	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	0	0	0	0	0	0	0	0	0	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
Total	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

* No training programs were funded by Iowa New Jobs Training Program (260E) in FY 2015.

Table 11-5. 260F Apprenticeship Enrollment by College, Latest 5 years

College	2011		2012		2013		2014		2015	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	49	5,688	31	4,678	2	324	0	0	0	0
Eastern Iowa	732	156,838	730	154,068	688	147,354	645	137,741	158	25,678
Kirkwood	647	126,469	630	120,072	662	127,984	755	137,224	0	0
Des Moines Area	650	142,920	622	133,505	735	135,370	640	115,476	0	0
Western Iowa Tech	38	2,093	41	2,774	19	1,766	28	4,704	30	5,040
Iowa Western	13	1,229	0	0	0	0	0	0	2	86
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	49	6,983	42	7,187	41	8,118	43	8,514	0	0
Total	2,178	442,220	2,096	422,284	2,147	420,915	2,111	403,659	190	30,805

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Table 12-1: Annual Graduation Rates, Latest Five Cohorts

Cohort	Students	Awards	%
2009	8,974	2,617	29.2
2010	11,427	3,094	27.1
2011	11,167	3,055	27.4
2012	8,959	2,435	27.2
2013	8,534	2,603	30.5

Table 12-2: Graduation Rates by College, Latest Five Years

College	2009		2010		2011		2012		2013	
	N	%	N	%	N	%	N	%	N	%
Northeast Iowa	442	28.5	589	26.3	942	26.3	386	27.2	118	28.4
North Iowa Area	452	35.8	454	35.0	732	30.8	392	29.8	139	36.5
Iowa Lakes	412	36.4	560	37.7	873	38.9	460	38.7	191	44.9
Northwest	135	39.3	235	37.9	651	43.1	195	33.3	76	41.5
Iowa Central	313	24.9	456	31.6	501	23.8	447	32.2	94	19.5
Iowa Valley	428	34.6	466	27.5	501	28.1	439	27.8	153	32.8
Hawkeye	779	36.7	922	31.9	477	34.1	739	31.5	266	36.4
Eastern Iowa	638	29.5	805	22.1	924	22.7	632	20.6	129	26.4
Kirkwood	2,272	25.6	2,728	23.9	2,430	25.3	2,187	25.4	486	26.4
Des Moines Area	853	20.2	1,142	19.3	412	15.0	920	15.4	155	18.4
Western Iowa Tech	160	24.4	217	23.0	471	16.4	234	28.2	71	29.8
Iowa Western	689	27.9	823	23.8	225	23.4	959	22.3	233	26.6
Southwestern	170	45.9	214	40.2	359	39.8	185	40.5	74	40.9
Indian Hills	857	27.8	1,161	31.4	241	37.6	527	40.6	302	44.8
Southeastern	374	33.7	395	32.7	511	31.2	257	29.2	116	37.9
TOTAL	8,974	29.2	11,167	27.4	10,250	27.0	8,959	27.2	2,603	30.5

Note: N represents the number of students within a cohort attending a specific community college. Each percentage represents the percentage of students from the cohort who graduated within three years.

Table 12-3: Transfer Rates by Year

College	2010		2011		2012		2013	
	N	%	N	%	N	%	N	%
Northeast Iowa	589	18.3	942	27.3	386	19.4	87	20.9
North Iowa Area	454	26.4	732	19.8	392	28.1	102	26.8
Iowa Lakes	560	20.2	873	22.9	460	20.2	101	23.8
Northwest	235	6.8	651	22.4	195	10.3	21	11.5
Iowa Central	456	28.3	501	29.5	447	33.6	135	28.0
Iowa Valley	466	31.8	501	20.0	439	30.3	0	0.0
Hawkeye	922	25.1	477	36.7	739	26.8	182	24.9
Eastern Iowa	805	21.7	924	25.4	632	20.6	120	24.5
Kirkwood	2,728	25.1	2,430	26.7	2,187	25.5	492	26.7
Des Moines Area	1,142	21.6	412	28.9	920	26.3	246	29.2
Western Iowa Tech	217	18.9	471	15.9	234	16.7	40	16.8
Iowa Western	823	29.2	225	12.0	959	30.0	276	31.5
Southwestern	214	24.3	359	24.8	185	33.0	54	29.8
Indian Hills	1,161	20.8	241	27.8	527	21.4	154	22.8
Southeastern	395	18.5	511	10.8	257	22.6	89	29.1
TOTAL	11,167	23.5	10,250	24.3	8,959	25.3	2,099	24.6

Table 12-4: Graduation Rates by Gender, Latest Five Years

College	2009		2010		2011		2012		2013	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast Iowa	15.8	12.7	15.4	10.5	13.6	12.7	18.1	9.1	16.8	11.5
North Iowa Area	21.2	14.6	18.4	15.7	16.0	14.8	15.8	14.0	21.3	15.2
Iowa Lakes	22.8	13.6	23.1	13.1	24.8	14.2	24.3	14.3	26.1	18.8
North Central	28.1	11.1	25.6	11.8	30.2	12.9	22.6	10.8	25.1	16.4
Iowa Central	15.3	9.6	18.4	11.0	13.2	10.6	20.4	11.9	13.5	6.0
Iowa Valley	20.8	13.8	13.9	11.5	15.1	13.0	13.0	14.8	18.4	14.3
Hawkeye	20.2	16.6	15.6	15.7	18.0	16.2	14.7	16.8	18.4	18.1
Eastern Iowa	13.6	15.8	9.0	11.6	10.5	12.2	7.9	12.7	12.5	13.9
Kirkwood	13.7	11.9	11.7	11.3	12.7	12.6	13.1	12.3	13.8	12.5
Des Moines Area	11.1	9.0	9.3	8.5	8.8	6.2	7.9	7.5	9.1	9.3
Western Iowa Tech	11.3	13.1	11.6	9.1	7.6	8.8	14.5	13.7	18.1	11.8
Iowa Western	14.8	13.1	12.5	10.8	12.4	10.9	12.0	10.3	16.4	10.2
Southwestern	17.1	28.8	18.6	20.4	18.7	21.2	17.3	23.2	18.2	22.7
Indian Hills	14.8	13.0	15.3	15.2	19.4	18.3	19.4	21.3	22.3	22.6
Southeastern	17.4	16.3	16.1	15.4	17.3	13.9	10.5	18.7	23.9	14.1
TOTAL	15.9	13.3	14.4	12.6	14.4	12.6	14.1	13.1	16.7	13.8

Note: Each percentage represents the percentage of students from the cohort who graduated within three years.

Table 12-5: Graduation by Subpopulation (%)

FY 2013							
College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	N/A	33.3	9.5	10.0	30.1	26.1	28.4
North Iowa Area		0.0	66.7	5.4	32.0	41.3	11.1
Iowa Lakes	20.0	25.0	36.0	23.3	48.5	39.1	44.9
Northwest	0.0	50.0	N/A	16.7	42.7	44.4	41.5
Iowa Central	33.3	23.1	9.2	31.3	23.2	20.5	19.5
Iowa Valley	20.0	50.0	21.8	30.6	36.3	34.5	32.8
Hawkeye	0.0	50.0	20.0	18.5	38.5	25.0	36.4
Eastern Iowa	0.0	22.7	19.6	17.2	29.7	25.0	26.4
Kirkwood	33.3	16.7	7.8	24.7	29.2	26.7	26.4
Des Moines Area	20.0	31.0	10.5	6.2	20.0	19.0	18.4
Western Iowa Tech	0.0	25.0	33.3	15.4	35.6	20.0	29.8
Iowa Western	25.0	16.7	18.1	22.6	29.7	25.0	26.6
Southwestern	N/A	100.0	0.0	30.0	42.8	50.0	40.9
Indian Hills	0.0	40.0	38.8	36.6	47.1	30.3	44.8
Southeastern	25.0	25.0	25.0	11.8	42.1	27.3	37.9
TOTAL	17.5	25.7	15.6	22.0	34.0	26.4	30.5

FY 2012							
Northeast Iowa	0.0	0.3	0.3	0.0	24.1	2.6	27.2
North Iowa Area	0.3	0.5	2.0	1.3	25.5	0.0	29.8
Iowa Lakes	0.0	0.7	1.5	2.0	32.2	2.4	38.7
Northwest	0.0	0.0	0.5	1.0	28.7	2.6	33.3
Iowa Central	0.2	0.0	6.0	1.6	23.3	0.9	32.2
Iowa Valley	0.0	0.5	0.9	2.3	19.6	3.9	27.8
Hawkeye	0.0	0.5	0.4	0.5	29.6	0.0	31.5
Eastern Iowa	0.2	0.3	0.8	1.1	17.1	0.5	20.6
Kirkwood	0.0	0.3	0.2	0.3	5.2	19.3	25.4
Des Moines Area	0.0	0.4	1.2	0.5	10.4	2.1	15.4
Western Iowa Tech	1.7	0.4	0.4	2.1	20.9	1.7	28.2
Iowa Western	0.5	0.3	2.0	1.8	17.5	0.2	22.3
Southwestern	0.0	0.0	1.1	0.0	37.8	0.0	40.5
Indian Hills	0.4	0.6	1.3	0.9	30.2	7.0	40.6
Southeastern	0.4	1.2	1.2	0.4	29.2	0.4	58.4
TOTAL	0.2	0.4	1.2	0.9	18.4	6.0	28.0

Table 12-5 (continued)

FY 2011							
College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0.0	0.0	0.0	0.6	1.8	0.2	1.2
North Iowa Area	1.5	1.9	0.8	0.4	1.8	0.2	1.2
Iowa Lakes	2.9	1.9	1.5	1.2	2.5	0.6	1.9
Northwest	1.5	0.0	0.1	0.2	1.4	0.3	0.9
Iowa Central	1.5	1.9	2.0	0.6	1.5	0.2	1.2
Iowa Valley	0.0	0.6	1.7	1.6	1.4	1.0	1.3
Hawkeye	1.5	0.6	0.6	1.2	4.6	0.0	2.9
Eastern Iowa	1.5	0.0	0.4	4.3	2.2	0.2	1.6

Kirkwood	0.0	2.6	0.6	0.2	1.2	21.4	6.0
Des Moines Area	2.9	1.3	1.0	1.2	1.5	1.1	1.4
Western Iowa Tech	2.9	3.2	0.0	1.0	1.1	0.2	0.8
Iowa Western	2.9	3.8	1.3	2.2	3.0	0.1	2.1
Southwestern	1.5	0.0	0.3	0.6	1.3	0.1	0.9
Indian Hills	1.5	1.9	0.9	1.4	3.4	0.6	2.4
Southeastern	1.5	0.6	0.5	1.0	1.6	0.1	1.1
TOTAL	23.5	20.5	11.7	17.4	30.3	26.3	27.0

FY 2010

Northeast Iowa	0.0	0.0	0.5	0.5	1.8	0.3	26.2
North Iowa Area	2.8	0.0	0.2	1.5	1.5	1.9	35.4
Iowa Lakes	0.0	0.6	1.0	1.8	2.3	0.5	37.3
Northwest	0.0	0.0	0.0	0.3	1.1	0.1	37.8
Iowa Central	1.4	1.2	2.0	1.3	1.5	0.0	30.4
Iowa Valley	0.0	0.6	1.0	2.0	1.2	0.9	27.0
Hawkeye	1.4	1.2	0.6	1.5	3.5	0.0	31.9
Eastern Iowa	5.6	3.7	1.0	2.3	1.7	1.0	21.6
Kirkwood	0.0	5.5	0.4	2.0	5.0	12.2	23.3
Des Moines Area	1.4	3.1	1.2	1.3	1.9	2.4	18.2
Western Iowa Tech	0.0	0.0	0.0	1.3	0.5	0.4	22.8
Iowa Western	1.4	1.2	2.4	2.6	2.2	0.2	24.4
Southwestern	0.0	0.0	0.5	0.8	1.0	0.1	40.3
Indian Hills	7.0	0.6	1.2	2.0	4.0	1.1	31.1
Southeastern	1.4	1.2	0.6	2.0	1.0	2.0	33.4
TOTAL	22.5	19.0	12.5	23.2	30.0	22.9	27.1

Table 12-5 (continued)

FY 2009

College	American Indian	Asian	Black	Hispanic	White	Not Reported	Overall
Northeast Iowa	0.0	0.0	0.7	0.3	1.6	1.2	28.5
North Iowa Area	1.7	1.2	1.0	1.9	1.9	1.2	35.8
Iowa Lakes	0.0	0.6	0.3	0.6	2.0	0.4	36.4
North Central	0.0	0.0	0.0	0.0	0.7	0.6	39.3
Iowa Central	0.0	1.8	1.3	0.3	0.9	0.0	24.9
Iowa Valley	1.7	0.6	3.3	2.6	1.5	2.2	34.6
Hawkeye	1.7	1.2	0.3	0.6	3.8	0.0	36.7
Eastern Iowa	0.0	2.4	0.5	8.0	1.8	4.2	29.5
Kirkwood	6.9	4.7	1.3	0.6	7.1	8.0	25.6
Des Moines Area	0.0	1.8	0.7	2.2	2.0	2.8	20.2
Western Iowa Tech	1.7	0.0	0.0	0.3	0.5	0.4	24.4
Iowa Western	0.0	0.6	2.0	2.9	2.2	1.2	27.9
Southwestern	1.7	0.6	1.2	0.0	0.9	0.0	45.9
Indian Hills	1.7	1.2	1.0	4.2	2.9	1.2	27.8
Southeastern	0.0	2.4	1.5	0.6	1.4	1.2	33.7
TOTAL	17.2	18.9	15.1	25.2	31.1	24.5	29.2

Table 12-6: Graduation Rates by Sex

FY 2013					
College	N	Male	Female	Not reported	Overall
Northeast Iowa	416	32.1	24.2	0.0	28.4
North Iowa Area	381	37.2	35.6	0.0	36.5
Iowa Lakes	425	45.5	44.2	0.0	44.9
Northwest	183	40.0	44.1	0.0	41.5
Iowa Central	482	21.9	15.7	0.0	19.5
Iowa Valley	467	30.9	35.4	0.0	32.8
Hawkeye	730	36.2	36.7	0.0	36.4
Eastern Iowa	489	28.0	25.1	0.0	26.4
Kirkwood	1,843	27.8	25.0	0.0	26.4
Des Moines Area	843	18.4	18.4	0.0	18.4
Western Iowa Tech	238	35.5	23.9	0.0	29.8
Iowa Western	876	29.8	22.7	0.0	26.6
Southwestern	181	34.7	47.7	0.0	40.9
Indian Hills	674	41.9	48.1	0.0	44.8
Southeastern	306	41.0	33.6	0.0	37.9
TOTAL	8,534	31.5	29.3	0.0	30.5

FY 2012					
Northeast Iowa	386	18.1	9.1	0.0	27.2
North Iowa Area	392	15.8	14.0	0.0	29.8
Iowa Lakes	460	24.3	14.3	0.0	38.7
Northwest	195	22.6	10.8	0.0	33.3
Iowa Central	447	20.4	11.9	0.0	32.2
Iowa Valley	439	13.0	14.8	0.0	27.8
Hawkeye	739	14.7	16.8	0.0	31.5
Eastern Iowa	632	7.9	12.7	0.0	20.6
Kirkwood	2,187	13.1	12.3	0.0	25.4
Des Moines Area	920	7.9	7.5	0.0	15.4
Western Iowa Tech	234	14.5	13.7	0.0	28.2
Iowa Western	959	12.0	10.3	0.0	22.3
Southwestern	185	17.3	23.2	0.0	40.5
Indian Hills	527	19.4	21.3	0.0	40.6
Southeastern	257	10.5	18.7	0.0	29.2
TOTAL	8,959	14.1	13.1	0.0	27.2

Table 12-6 (continued)

FY 2011					
College	N	Male	Female	Not Reported	Overall
Northeast Iowa	471	13.6	12.7	0.0	26.3
North Iowa Area	412	16.0	14.8	0.0	30.8
Iowa Lakes	501	24.8	14.2	0.0	38.9
Northwest	225	30.2	12.9	0.0	43.1
Iowa Central	501	13.2	10.6	0.0	23.8
Iowa Valley	477	15.1	13.0	0.0	28.1
Hawkeye	873	18.0	16.2	0.0	34.1
Eastern Iowa	732	10.5	12.2	0.0	22.7

Kirkwood	2,430	12.7	12.6	0.0	25.3
Des Moines Area	942	8.8	6.2	0.0	15.0
Western Iowa Tech	511	7.6	8.8	0.0	16.4
Iowa Western	924	12.4	10.9	0.0	23.4
Southwestern	241	18.7	21.2	0.0	39.8
Indian Hills	651	19.4	18.3	0.0	37.6
Southeastern	359	17.3	13.9	0.0	31.2
TOTAL	10,250	14.4	12.6	0.0	27.0

FY 2010

Northeast Iowa	602	15.4	10.5	0.0	25.9
North Iowa Area	478	18.4	15.7	0.0	34.1
Iowa Lakes	581	23.1	13.1	0.2	36.3
Northwest	238	25.6	11.8	0.0	37.4
Iowa Central	490	18.4	11.0	0.0	29.4
Iowa Valley	511	13.9	11.5	0.0	25.4
Hawkeye	943	15.6	15.7	0.0	31.3
Eastern Iowa	873	9.0	11.6	0.0	20.6
Kirkwood	2,836	11.7	11.3	0.1	23.1
Des Moines Area	1,242	9.3	8.5	0.0	17.8
Western Iowa Tech	241	11.6	9.1	0.0	20.7
Iowa Western	919	12.5	10.8	0.0	23.3
Southwestern	226	18.6	20.4	0.0	38.9
Indian Hills	1,205	15.3	15.2	0.0	30.5
Southeastern	416	16.1	15.4	0.0	31.5
TOTAL	11,427	14.4	12.6	0.0	27.1

Table 12-6 (continued)

FY 2009

College	N	Male	Female	Not Reported	Overall
Northeast Iowa	442	15.8	12.7	0.0	28.5
North Iowa Area	452	21.2	14.6	0.0	35.8
Iowa Lakes	412	22.8	13.6	0.0	36.4
Northwest	135	28.1	11.1	0.0	39.3
Iowa Central	313	15.3	9.6	0.0	24.9
Iowa Valley	428	20.8	13.8	0.0	34.6
Hawkeye	779	20.2	16.6	0.0	36.7
Eastern Iowa	638	13.6	15.8	0.0	29.5
Kirkwood	2,272	13.7	11.9	0.0	25.6
Des Moines Area	853	11.1	9.0	0.0	20.2
Western Iowa Tech	160	11.3	13.1	0.0	24.4
Iowa Western	689	14.8	13.1	0.0	27.9
Southwestern	170	17.1	28.8	0.0	45.9
Indian Hills	857	14.8	13.0	0.0	27.8
Southeastern	374	17.4	16.3	0.0	33.7
TOTAL	8,974	15.9	13.3	0.0	29.2

Table 12-7: Success Rates

FY 2013						
College	N	Graduated	Transferred	Both	Neither	Success rate (%)
Northeast Iowa	416	85	54	33	244	41.3
North Iowa Area	381	78	41	61	201	47.2
Iowa Lakes	425	127	37	64	197	53.6
Northwest	183	62	7	14	100	45.4
Iowa Central	482	50	91	44	297	38.4
Iowa Valley	467	153	0	0	314	32.8
Hawkeye	730	181	97	85	367	49.7
Eastern Iowa	489	74	65	55	295	39.7
Kirkwood	1,843	257	263	229	1,094	40.6
Des Moines Area	843	84	175	71	513	39.1
Western Iowa Tech	238	60	29	11	138	42.0
Iowa Western	876	109	152	124	491	43.9
Southwestern	181	39	19	35	88	51.4
Indian Hills	674	203	55	99	317	53.0
Southeastern	306	61	34	55	156	49.0
Total	8,534	1,623	1,119	980	4,812	43.6

FY 2012						
College	N	Graduated	Transferred	Both	Neither	Success rate (%)
Northeast Iowa	386	79	49	26	232	39.9
North Iowa Area	392	60	53	57	222	43.4
Iowa Lakes	460	127	42	51	240	47.8
Northwest	195	53	8	12	122	37.4
Iowa Central	447	67	73	77	230	48.5
Iowa Valley	439	55	66	67	251	42.8
Hawkeye	739	145	110	88	396	46.4
Eastern Iowa	632	75	75	55	427	32.4
Kirkwood	2,187	312	315	243	1317	39.8
Des Moines Area	920	80	180	62	598	35
Western Iowa Tech	234	55	28	11	140	40.2
Iowa Western	959	106	180	108	565	41.1
Southwestern	185	37	23	38	87	53
Indian Hills	527	142	41	72	272	48.4
Southeastern	257	45	28	30	154	40.1
Total	8,959	1,438	1,271	997	5,253	41.4

Table 12-7 (continued)

FY 2011						
College	N	Graduated	Transferred	Both	Neither	Success rate (%)
Northeast Iowa	471	105	56	19	291	38.2
North Iowa Area	412	60	52	67	233	43.4
Iowa Lakes	501	142	47	53	259	48.3
Northwest	225	79	9	18	119	47.1
Iowa Central	501	59	88	60	294	41.3
Iowa Valley	477	46	87	88	256	46.3
Hawkeye	873	184	86	114	489	44.0

Eastern Iowa	732	89	68	77	498	32.0
Kirkwood	2,430	314	349	301	1,466	39.7
Des Moines Area	942	84	200	57	601	36.2
Western Iowa Tech	511	65	36	19	391	23.5
Iowa Western	924	107	126	109	582	37.0
Southwestern	241	57	28	39	117	51.5
Indian Hills	651	162	63	83	343	47.3
Southeastern	359	61	38	51	209	41.8
Total	10,250	1,614	1,333	1,155	6,148	40.0

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Table 13-1. Resident Tuition and Fees Based on 12 Credit Hours per Term: 2014-2016

Community College	2014-2015			2015-2016			Change			
	Tuition (\$)	Fees (\$)	Total (\$)	Tuition (\$)	Fees (\$)	Total (\$)	Tuition (\$)	Fees (\$)	Total (\$)	%
Northeast Iowa	3,600.00	312.00	3,912.00	3,696.00	312.00	4,008.00	96.00	0.00	96.00	2.45
North Iowa Area	3,138.00	624.00	3,762.00	3,210.00	624.00	3,834.00	72.00	0.00	72.00	1.91
Iowa Lakes	3,720.00	402.00	4,122.00	3,840.00	402.00	4,242.00	120.00	0.00	120.00	2.91
Northwest Iowa	3,528.00	672.00	4,200.00	3,600.00	672.00	4,272.00	72.00	0.00	72.00	1.71
Iowa Central	3,432.00	336.00	3,768.00	3,576.00	336.00	3,912.00	144.00	0.00	144.00	3.82
Iowa Valley (Ellsworth)	3,672.00	624.00	4,296.00	3,792.00	624.00	4,416.00	120.00	0.00	120.00	2.79
Iowa Valley (Marshalltown)	3,672.00	624.00	4,296.00	3,792.00	624.00	4,416.00	120.00	0.00	120.00	2.79
Hawkeye	3,480.00	144.00	3,624.00	3,648.00	180.00	3,828.00	168.00	36.00	204.00	5.63
Eastern Iowa	3,288.00	0.00	3,288.00	3,360.00	0.00	3,360.00	72.00	0.00	72.00	2.19
Kirkwood	3,480.00	0.00	3,480.00	3,552.00	0.00	3,552.00	72.00	0.00	72.00	2.07
Des Moines Area	3,336.00	0.00	3,336.00	3,432.00	0.00	3,432.00	96.00	0.00	96.00	2.88
Western Iowa Tech	3,216.00	408.00	3,624.00	3,336.00	768.00	4,104.00	120.00	360.00	480.00	13.25
Iowa Western	3,312.00	336.00	3,648.00	3,576.00	336.00	3,912.00	264.00	0.00	264.00	7.24
Southwestern	3,552.00	288.00	3,840.00	3,648.00	288.00	3,936.00	96.00	0.00	96.00	2.50
Indian Hills	3,720.00	0.00	3,720.00	3,840.00	0.00	3,840.00	120.00	0.00	120.00	3.23
Southeastern	3,672.00	0.00	3,672.00	3,888.00	72.00	3,960.00	216.00	72.00	288.00	7.84
State Average	3,488.63	298.13	3,786.75	3,611.63	327.38	3,939.00	123.00	29.25	152.25	4.08
Std. Dev. (C.C.)	180.50	244.00	301.79	199.10	270.80	312.71	52.22	87.46	106.21	2.96
Iowa Public Universities	6,658.00	1,378.47	8,036.47	6,648.00	1,088.00	7,736.00	-10.00	-290.47	-300.47	-3.74

Table 13-2. Resident Tuition and Fees Based on 15 Credit Hours Per Term: 2014-2016

Community College	2014-2015			2015-2016			Change			
	Tuition (\$)	Fees (\$)	Total (\$)	Tuition (\$)	Fees (\$)	Total (\$)	Tuition (\$)	Fees (\$)	Total (\$)	%
Northeast Iowa	4,500.00	390.00	4,890.00	4,620.00	390.00	5,010.00	120.00	0.00	120.00	2.45
North Iowa Area	3,922.50	780.00	4,702.50	4,012.50	780.00	4,792.50	90.00	0.00	90.00	1.91
Iowa Lakes	4,650.00	502.50	5,152.50	4,800.00	502.50	5,302.50	150.00	0.00	150.00	2.91
Northwest Iowa	4,410.00	840.00	5,250.00	4,500.00	840.00	5,340.00	90.00	0.00	90.00	1.71
Iowa Central	4,290.00	420.00	4,710.00	4,470.00	420.00	4,890.00	180.00	0.00	180.00	3.82
Iowa Valley (Ellsworth)	4,590.00	780.00	5,370.00	4,740.00	780.00	5,520.00	150.00	0.00	150.00	2.79
Iowa Valley (Marshalltown)	4,590.00	780.00	5,370.00	4,740.00	780.00	5,520.00	150.00	0.00	150.00	2.79
Hawkeye	4,350.00	180.00	4,530.00	4,560.00	225.00	4,785.00	210.00	45.00	255.00	5.63
Eastern Iowa	4,110.00	0.00	4,110.00	4,200.00	0.00	4,200.00	90.00	0.00	90.00	2.19
Kirkwood	4,350.00	0.00	4,350.00	4,440.00	0.00	4,440.00	90.00	0.00	90.00	2.07
Des Moines Area	4,170.00	0.00	4,170.00	4,290.00	0.00	4,290.00	120.00	0.00	120.00	2.88
Western Iowa Tech	4,020.00	510.00	4,530.00	4,170.00	960.00	5,130.00	150.00	450.00	600.00	13.25
Iowa Western	4,140.00	420.00	4,560.00	4,470.00	420.00	4,890.00	330.00	0.00	330.00	7.24
Southwestern	4,440.00	360.00	4,800.00	4,560.00	360.00	4,920.00	120.00	0.00	120.00	2.50
Indian Hills	4,650.00	0.00	4,650.00	4,800.00	0.00	4,800.00	150.00	0.00	150.00	3.23
Southeastern	4,590.00	0.00	4,590.00	4,860.00	90.00	4,950.00	270.00	90.00	360.00	7.84
State Average	4,360.78	372.66	4,733.44	4,514.53	409.22	4,923.75	153.75	36.56	190.31	4.08
Std. Dev. (C.C.)	233.02	315.00	389.60	248.87	338.50	390.89	67.42	112.91	137.12	3.06
Iowa Public Universities	6,658.00	1,378.47	8,036.47	6,648.00	1,088.00	7,736.00	-10.00	-290.47	-300.47	-3.74

Table 13-3. Resident Tuition and Fees Per Semester Credit Hour, 2014-2016 Academic Years

Community College	Tuition (\$)			Fees (\$)		
	2014-2015	2015-2016	Change	2014-2015	2015-2016	Change
Northeast Iowa	150.00	154.00	2.67	13.00	13.00	0.00
North Iowa Area	130.75	133.75	2.29	26.00	26.00	0.00
Iowa Lakes	155.00	160.00	3.23	16.75	16.75	0.00
Northwest Iowa	147.00	150.00	2.04	28.00	28.00	0.00
Iowa Central	143.00	149.00	4.20	14.00	14.00	0.00
Iowa Valley (Ellsworth)	153.00	158.00	3.27	26.00	26.00	0.00
Iowa Valley (Marshalltown)	153.00	158.00	3.27	26.00	26.00	0.00
Hawkeye	145.00	152.00	4.83	6.00	7.50	25.00
Eastern Iowa	137.00	140.00	2.19	0.00	0.00	
Kirkwood	145.00	148.00	2.07	0.00	0.00	
Des Moines Area	139.00	143.00	2.88	0.00	0.00	
Western Iowa Tech	134.00	139.00	3.73	17.00	32.00	88.24
Iowa Western	138.00	149.00	7.97	14.00	14.00	0.00
Southwestern	148.00	152.00	2.70	12.00	12.00	0.00
Indian Hills	155.00	160.00	3.23	0.00	0.00	
Southeastern	153.00	162.00	5.88	0.00	3.00	
State Average	145.36	150.48	3.53	12.42	13.64	10.29
Standard Deviation	7.77	8.30	1.58	10.50	11.28	26.92

Table 13-4. Non-Resident Tuition Per Credit Hour, 2014-2016 Academic Years

Community College	Tuition (\$)			Fees (\$)		
	2014-2015	2015-2016	Change	2014-2015	2015-2016	Change
Northeast Iowa	150.00	154.00	2.67	13.00	13.00	0.00
North Iowa Area	196.13	200.63	2.29	26.00	26.00	0.00
Iowa Lakes	166.00	171.00	3.01	16.75	16.75	0.00
Northwest Iowa	160.00	160.00	0.00	28.00	28.00	0.00
Iowa Central	214.50	223.50	4.20	14.00	14.00	0.00
Iowa Valley (Ellsworth)	185.00	190.00	2.70	26.00	26.00	0.00
Iowa Valley (Marshalltown)	163.00	168.00	3.07	26.00	26.00	0.00
Hawkeye	170.00	177.00	4.12	6.00	7.50	25.00
Eastern Iowa	204.00	207.00	1.47	0.00	0.00	
Kirkwood	175.00	178.00	1.71	0.00	0.00	
Des Moines Area	278.00	286.00	2.88	0.00	0.00	
Western Iowa Tech	135.00	140.00	3.70	17.00	32.00	88.24
Iowa Western	143.00	154.00	7.69	14.00	14.00	0.00
Southwestern	155.00	159.00	2.58	12.00	12.00	0.00
Indian Hills	232.50	240.00	3.23	0.00	0.00	
Southeastern	158.00	167.00	5.70	0.00	3.00	
State Average	180.32	185.95	3.19	12.42	13.64	10.29
Standard Deviation	37.26	37.96	1.75	10.50	11.28	26.92

Table 13-5. Recurring Fees for Full-Time Students: 2015-2016 Academic Year

College	Description	Fee (\$)	Unit	Annual fees (\$)	
				24 hours per year	30 hours per year
Northeast Iowa	General	13.00	Sem Hr.	312.00	390.00
North Iowa Area	Material/Lab/Supplies	12.00	Sem Hr.	144.00	360.00
	Student activities	4.00	Sem Hr.	48.00	120.00
	Technology	10.00	Sem Hr.	120.00	300.00
	<i>Total, NIACC</i>	26.00	Sem Hr.	312.00	780.00
Iowa Lakes	Activity	2.25	Sem Hr.	54.00	67.50
	General	5.50	Sem Hr.	132.00	165.00
	Noel Levitz/LSA	0.25	Sem Hr.	6.00	7.50
	Processing	0.75	Sem Hr.	18.00	22.50
	Technology	8.00	Sem Hr.	192.00	240.00
	Activity (students registered for 12 or more hours)	10.00	Semester	20.00	20.00
	<i>Total, ILCC</i>	26.75		422.00	522.50
Northwest Iowa	Course	10.00	Sem Hr.	240.00	300.00
	Student	10.00	Sem Hr.	240.00	300.00
	Technology	8.00	Sem Hr.	192.00	240.00
	<i>Total, NCC</i>	28.00	Sem Hr.	672.00	840.00
Iowa Central	Student Fee	14.00	Sem Hr.	336.00	420.00
Iowa Valley	Facility	2.00	Sem Hr.	48.00	60.00
	Materials/Technology	17.00	Sem Hr.	408.00	510.00
	Student	7.00	Sem Hr.	168.00	210.00
	<i>Total, IVCCD</i>	26.00	Sem Hr.	624.00	780.00
Hawkeye	Student activity	3.50	Sem Hr.	84.00	105.00
	Computer	4.00	Sem Hr.	96.00	120.00
	<i>Total, HCC</i>	7.50	Sem Hr.	180.00	225.00
Eastern Iowa	No fees	0.00		0.00	0.00
Kirkwood	Technology	25.00	Term	25.00	25.00
Des Moines Area	No fees	0.00		0.00	0.00
Western Iowa Tech	Matriculation	8.00	Credit Hr.	192.00	240.00
	Technology	24.00	Credit Hr.	576.00	720.00
	<i>Total, WITCC</i>	32.00	Credit Hr.	768.00	960.00
Iowa Western	College service	14.00	Sem Hr.	336.00	420.00
Southwestern	Service/Technology	12.00	Sem Hr.	288.00	360.00
Indian Hills	No fees	0		0.00	0.00
Southeastern	Technology	3	Credit Hr.	72.00	90.00

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Table 14-1: 2011-2014 Distribution of Community College Student Aid

Source	2011		2012		2013		2014	
	Amount (\$)	%	Amount (\$)	%	Amount (\$)	%	Amount (\$)	%
Federal	489,012,519	94%	458,778,089	92%	431,346,206	92%	\$ 381,738,775	91%
Institutional	14,472,564	3%	21,577,612	4%	18,287,695	4%	\$ 18,446,428	4%
Other	9,842,949	2%	9,593,702	2%	10,084,527	2%	\$ 10,498,181	2%
State	6,272,339	1%	6,878,524	1%	10,015,102	2%	\$ 10,014,836	2%
Total	519,600,371		496,827,927		469,733,530		420,698,220	

[Source: Iowa College Student Aid Commission](#)

Table 14-2: Iowa Grants by College FY2015

District	School	Iowa Voc-Tech Tuition Grant		Kibbie Grant		Iowa Grant		All Iowa Opportunity Scholarship	
		# Recipients	\$ Award Amount	# Recipients	\$ Award Amount	# Recipients	\$ Award Amount	# Recipients	\$ Award Amount
1	Northeast Iowa Community College	196	153,740	262	300,379	27	9,278	2	8,103
2	North Iowa Area Community College	63	52,929	158	147,630	13	5,415	2	5,469
3	Iowa Lakes Community College	94	87,554	132	163,472	9	4,839	8	34,725
4	Northwest Iowa Community College	78	65,946	146	189,366	5	2,168	2	6,510
5	Iowa Central Community College	221	172,210	382	384,429	17	14,281	22	73,908
6	Iowa Valley Community College District	74	61,285	140	158,749	53	8,279	13	55,560
7	Hawkeye Community College	249	192,394	391	418,549	32	12,740	24	92,423
9	Eastern Iowa Community Colleges	129	107,916	331	332,413	38	16,647	3	7,816
10	Kirkwood Community College	452	369,917	767	740,261	107	34,397	14	52,009
11	Des Moines Area Community College	607	436,674	820	820,540	89	41,193	34	124,878
12	Western Iowa Tech Community College	214	169,297	287	238,854	19	12,688	42	156,283
13	Iowa Western Community College	137	113,992	330	348,791	14	12,623	9	39,355
14	Southwestern Iowa Community College	56	51,875	106	126,963	9	3,082	21	89,128
15	Indian Hills Community College	180	145,154	489	566,129	21	17,030	12	40,130
16	Southeastern Iowa Community College	86	69,221	185	173,907	19	6,806	2	6,945
Total		2,836	2,250,104	4,926	5,110,432	472	201,466	210	793,242

Table 14-2 (continued): Iowa Grants by College FY2015

District	School	Iowa National Guard Education Assistance		Education Training Voucher		All Iowa Opportunity Foster Grant	
		# Recipients	\$ Award Amount	# Recipients	\$ Award Amount	# Recipients	\$ Award Amount
1	Northeast Iowa Community College	14	38,100	9	20,000	9	9,316
2	North Iowa Area Community College	4	13,467	5	15,662	4	8,114
3	Iowa Lakes Community College	7	26,849	5	14,935	3	5,753
4	Northwest Iowa Community College	7	26,296	2	8,750	2	4,207
5	Iowa Central Community College	29	91,941	13	45,735	14	24,412
6	Iowa Valley Community College District	15	38,632	3	11,875	3	5,710
7	Hawkeye Community College	27	73,225	14	37,278	13	17,342
9	Eastern Iowa Community Colleges	18	44,663	2	4,699	2	2,404
10	Kirkwood Community College	99	229,783	22	58,750	25	32,661
11	Des Moines Area Community College	134	290,649	36	112,978	37	59,139
12	Western Iowa Tech Community College	56	148,935	13	36,341	9	11,489
13	Iowa Western Community College	16	53,386	12	46,250	11	20,434
14	Southwestern Iowa Community College	5	11,854	2	8,750	2	4,207
15	Indian Hills Community College	17	56,751	9	21,252	9	11,215
16	Southeastern Iowa Community College	8	31,504	0	0	1	1,202
Total		456	1,176,035	147	443,255	144	217,605

Source: Iowa College Student Aid Commission

Table 14-3: 2014-2015 Award Year Grant Volume by School

District	Community College	Federal Pell Grant	
		Award Year Recipients	Award Year Disbursements (\$)
1	Northeast Iowa Community College	2,991	5,699,556
2	North Iowa Area Community College	1,727	3,486,459
3	Iowa Lakes Community College	1,370	2,952,968
4	Northwest Iowa Community College	665	1,252,839
5	Iowa Central Community College	5,186	11,200,364
6	Ellsworth Community College (Iowa Valley Community College District)	820	1,808,618
6	Marshalltown Community College (Iowa Valley Community College District)	1,247	2,616,742
7	Hawkeye Community College	3,650	7,242,938
9	Eastern Iowa Community College District	5,471	10,157,228
10	Kirkwood Community College	9,629	18,819,994
11	Des Moines Area Community College	12,699	23,628,034
12	Western Iowa Tech Community College	4,295	8,931,092
13	Iowa Western Community College	5,534	11,558,179
14	Southwestern Community College	1,084	2,399,206
15	Indian Hills Community College	4,892	7,582,576
16	Southeastern Community College	2,267	4,760,431
Total		63,527	124,097,224

[Source: Federal Student Aid](#)

Data is sum of quarterly statistics reported to the U.S. Department of Education between July 1, 2013 and June 30, 2014.

Table 14-4: Federal Direct Loan Volume by College FY2015

District	School	Direct Loan, Subsidized		Direct Loan - Unsubsidized		Direct Loan - Parent Plus	
		# Recipients	Disbursements (\$)	# Recipients	Disbursements (\$)	# Recipients	Disbursements (\$)
1	Northeast Iowa Community College	1,647	4,568,946	1,400	4,760,897	11	70,190
2	North Iowa Area Community College	887	2,621,524	625	2,101,161	29	122,530
3	Iowa Lakes Community College	836	2,323,641	832	2,742,526	38	211,743
4	Northwest Iowa Community College	394	1,164,098	383	1,244,186	14	87,024
5	Iowa Central Community College	2,884	7,725,847	2,849	9,510,492	131	567,764
6	Ellsworth Community College	543	1,347,544	542	1,410,090	72	364,334
6	Marshalltown Community College	629	1,561,594	568	1,705,805	20	93,067
7	Hawkeye Community College	2,462	7,008,952	2,360	8,159,634	62	332,343
9	Eastern Iowa Community College District	2,301	6,141,058	1,998	6,458,658	9	45,383
10	Kirkwood Community College	5,585	15,834,837	4,972	17,350,576	95	584,804
11	Des Moines Area Community College	7,104	19,296,663	7,249	19,032,389	104	484,101
12	Western Iowa Tech Community College	1,897	4,692,798	1,763	4,878,444	52	202,742
13	Iowa Western Community College	3,013	8,592,373	2,847	9,594,511	203	1,188,410
14	Southwestern Iowa Community College	620	1,765,910	588	1,967,280	40	179,993
15	Indian Hills Community College	2,078	5,651,281	1,954	6,212,775	56	327,519
16	Southeastern Iowa Community College	965	2,500,866	767	2,388,043	6	12,442
	Total	33,845	92,797,932	31,697	99,517,467	942	4,874,389

Source: Federal Student Aid

Data is sum of quarterly statistics reported to the U.S. Department of Education between July 1, 2013 and June 30, 2014.

Table 14-5: Default Rate by College: FY2012 Cohort

Region	Community College	# in Repayment	# in Default	FY12 Default Rate	FY11 Default Rate
1	Northeast Iowa Community College	1,601	293	18.3	22.9
2	North Iowa Area Community College	1,049	213	20.3	20.2
3	Iowa Lakes Community College	1,098	198	18.0	21.5
4	Northwest Iowa Community College	333	34	10.2	11.7
5	Iowa Central Community College	2,183	485	22.2	22.4
6	Ellsworth Community College (Iowa Valley Community College District)	444	105	23.6	23.2
6	Marshalltown Community College (Iowa Valley Community College District)	608	136	22.3	28.7
7	Hawkeye Community College	2,584	467	18.0	20.3
9	Eastern Iowa Community Colleges	2,290	487	21.2	21.0
10	Kirkwood Community College	6,018	1,114	18.5	24.6
11	Des Moines Area Community College	6,820	1,761	25.8	28.7
12	Western Iowa Tech Community College	1,636	336	20.5	24.3
13	Iowa Western Community College	2,173	458	21.0	20.1
14	Southwestern Iowa Community College	622	126	20.2	21.4
15	Indian Hills Community College	2,053	506	24.6	29.7
16	Southeastern Iowa Community College	917	206	22.4	23.5
	Total	32,429	6,925	21.4	22.8

[Source: Federal Student Aid](#)



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Table 15-1: 2015 Nominal Revenue by Source and College.

College	Tuition & Fees, \$	Local, \$	State Support, \$	Federal, \$	Other Income, \$	Total Revenue, \$
Northeast	15,251,109	2,020,034	9,930,203	8,825	3,008,664	30,218,835
North Iowa	10,837,543	1,301,993	10,075,468	5,884	1,295,362	23,516,250
Iowa Lakes	8,435,523	1,138,186	9,325,475	210	2,014,399	20,913,793
Northwest	5,502,534	746,732	4,587,266	43,760	802,706	11,682,998
Iowa Central	22,913,177	1,465,087	11,389,365	33,110	953,486	36,754,225
Iowa Valley	11,685,182	854,276	8,937,758	209,836	1,508,400	23,195,452
Hawkeye	17,732,024	1,742,218	13,575,322	212,940	2,112,447	35,374,951
Eastern Iowa	20,955,038	2,629,600	17,191,538	280,205	892,301	41,948,682
Kirkwood	48,590,955	4,331,778	31,470,426	76,283	3,199,417	87,668,859
Des Moines Area	54,629,627	7,256,630	33,680,001	415,391	10,571,410	106,553,059
Western Iowa Tech	16,045,309	1,524,063	11,164,102	274,381	2,820,442	31,828,297
Iowa Western	22,678,431	1,829,780	12,118,736	528,088	607,751	37,762,786
Southwestern	5,713,799	575,228	4,676,007	31,569	826,982	11,823,585
Indian Hills	19,395,524	1,057,623	14,673,081	0	2,114,295	37,240,523
Southeastern	10,196,136	731,103	8,482,483	68,842	1,271,023	20,749,587
Total	290,561,911	29,204,331	201,277,231	2,189,324	33,999,085	557,231,882

Table 15-2: Nominal revenue totals by source 2011-2015.

Year	Tuition & Fees, \$	Local, \$	State Support, \$	Federal, \$	Other Income, \$	Total Revenue, \$
2011	308,633,060	25,406,419	158,754,232	14,478,452	31,507,835	538,779,998
2012	314,657,804	26,471,137	163,774,647	10,142,936	29,392,828	544,439,352
2013	307,054,107	27,428,532	177,274,655	9,710,256	31,529,441	552,996,991
2014	295,035,559	28,505,519	193,274,647	6,421,205	34,226,499	557,463,429
2015	290,561,911	29,204,331	201,277,231	2,189,324	33,999,085	557,231,882

Table 15-3: Adjusted revenue totals by source (2015 dollars)

Year	Tuition & Fees, \$	Local, \$	State General Aid, \$	Federal, \$	Other Income, \$	Total Revenue, \$
2011	327,530,306	26,962,025	168,474,570	15,364,951	33,437,023	571,768,875
2012	324,433,553	27,293,539	168,862,777	10,458,055	30,306,001	561,353,926
2013	311,623,650	27,836,720	179,912,836	9,854,763	31,998,658	561,226,627
2014	294,771,950	28,480,050	193,101,959	6,415,467	34,195,919	556,965,345
2015	290,561,911	29,204,331	201,277,231	2,189,324	33,999,085	557,231,882

Table 15-4: 2015 Nominal Expense by Category

College	Salaries, \$	Services, \$	Matls, Supp & Travel, \$	Current Expenses, \$	Capital Outlay, \$	Total, \$
Northeast	26,125,453	4,401,423	1,078,189	341,231	17,113	31,963,409
North Iowa	15,942,748	4,673,967	973,430	1,800,373	33,200	23,423,718
Iowa Lakes	16,544,570	3,013,650	931,826	420,993	0	20,911,039
Northwest	8,411,159	1,442,617	809,198	1,014,546	0	11,677,520
Iowa Central	24,100,899	5,871,175	2,952,103	3,454,625	187,690	36,566,492
Iowa Valley	17,633,388	2,260,384	888,439	2,379,772	9,493	23,171,476
Hawkeye	27,330,063	4,799,787	3,111,630	957,780	81,725	36,280,985
Eastern Iowa	31,488,751	8,566,772	1,648,371	160,438	46,370	41,910,702
Kirkwood	67,352,293	10,119,964	3,782,666	2,210,140	580,937	84,046,000
Des Moines Area	85,768,221	7,890,020	5,579,698	6,784,784	351,381	106,374,104
Western Iowa Tech	21,435,471	5,486,065	2,445,046	2,331,341	83,949	31,781,872
Iowa Western	26,295,571	4,698,966	1,964,803	4,021,316	344,887	37,325,543
Southwestern	8,294,475	1,858,294	628,467	926,361	46,938	11,754,535
Indian Hills	27,005,765	5,879,244	2,818,288	1,484,520	0	37,187,817
Southeastern	15,589,159	3,729,633	874,629	519,302	15,865	20,728,588
Total	419,317,986	74,691,961	30,486,783	28,807,522	1,799,548	555,103,800

Table 15-5: Nominal expenditure totals by source 2011-2015

Year	Salaries, \$	Services, \$	Matls, Supp & Travel, \$	Current Expenses, \$	Capital Outlay, \$	Total, \$
2011	388,716,147	74,592,882	32,105,574	28,309,254	5,388,948	529,112,805
2012	403,231,685	72,680,073	32,800,924	28,672,940	3,905,209	541,290,831
2013	415,637,586	73,268,714	31,376,295	28,884,390	3,321,037	552,488,022
2014	416,422,359	74,088,407	30,079,274	31,855,054	2,915,731	555,360,825
2015	419,317,986	74,691,961	30,486,783	28,807,522	1,799,548	555,103,800

Table 15-6: Adjusted expenses by source (2015 dollars)

YEAR	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
2011	412,516,788	79,160,118	34,071,361	30,042,597	5,718,907	561,509,771
2012	415,759,237	74,938,088	33,819,979	29,563,747	4,026,536	558,107,587
2013	421,823,056	74,359,090	31,843,233	29,314,244	3,370,460	560,710,084
2014	416,050,293	74,022,210	30,052,399	31,826,592	2,913,126	554,864,619
2015	419,317,986	74,691,961	30,486,783	28,807,522	1,799,548	555,103,800

Table 15-7: 2014 Nominal Expense by Function

College	Arts & Science, \$	Vocational Technical, \$	Adult Education, \$	Cooperative Pgms/Svcs., \$	Administration, \$	Student Services, \$	Learning Resources, \$	Physical Plant, \$	General Institution, \$	Total, \$
Northeast	6,171,473	8,155,156	3,505,265	2,591,455	1,419,322	2,212,226	761,945	2,616,277	4,530,290	31,963,409
North Iowa	5,436,320	3,608,305	2,819,040	45,210	1,776,423	4,403,141	650,996	2,189,033	2,495,250	23,423,718
Iowa Lakes	5,375,988	4,608,665	857,596	110,080	999,197	1,878,527	597,443	2,664,907	3,818,636	20,911,039
Northwest	1,526,979	3,925,970	683,276	0	802,804	1,124,040	195,809	796,416	2,622,226	11,677,520
Iowa Central	9,096,736	6,766,273	1,827,226	398	2,077,975	4,675,325	297,137	4,779,580	7,045,842	36,566,492
Iowa Valley	8,869,263	2,869,225	2,220,670	0	1,177,942	1,863,635	383,150	2,845,582	2,942,009	23,171,476
Hawkeye	7,301,596	10,398,482	3,963,526	0	1,945,579	3,715,344	1,143,180	2,798,288	5,014,990	36,280,985
Eastern Iowa	11,070,742	8,290,041	3,872,197	152,182	2,237,708	4,662,001	739,459	3,995,216	6,891,156	41,910,702
Kirkwood	25,117,542	19,440,495	8,759,988	1,969,833	5,353,890	5,488,511	1,131,241	7,280,635	9,503,865	84,046,000
Des Moines Area	29,701,929	31,066,597	5,863,182	0	4,002,173	9,787,674	3,161,672	12,665,916	10,124,961	106,374,104
Western Iowa Tech	4,593,485	8,890,157	1,909,891	369,005	2,023,276	2,671,298	267,969	4,527,916	6,528,875	31,781,872
Iowa Western	8,833,178	7,632,392	2,102,101	31,687	4,495,954	4,058,492	328,310	4,998,166	4,845,263	37,325,543
Southwestern	2,913,156	2,343,658	528,785	0	895,217	1,181,543	208,736	1,812,227	1,871,213	11,754,535
Indian Hills	5,287,016	13,254,666	1,450,288	104,776	2,470,352	4,325,587	639,303	4,492,611	5,163,218	37,187,817
Southeastern	6,507,784	4,652,159	903,734	0	1,251,428	2,641,220	425,827	1,818,947	2,527,489	20,728,588
Total	137,803,187	135,902,241	41,266,765	5,374,626	32,929,240	54,688,564	10,932,177	60,281,717	75,925,283	555,103,800

Table 15-8: Nominal Expenditure total by function 2011-2015

	Arts & Science, \$	Vocational Technical, \$	Adult Education, \$	Cooperative Pgms/Svcs., \$	Administration, \$	Student Services, \$	Learning Resources, \$	Physical Plant, \$	General Institution, \$	Total, \$
2011	138,359,061	136,640,426	44,258,629	7,943,653	34,888,561	47,111,654	13,171,000	65,711,122	73,927,819	562,011,926
2012	139,324,677	134,553,808	46,189,460	9,005,642	36,255,119	49,746,291	11,904,958	59,929,208	71,697,528	558,606,691
2013	139,047,017	137,077,515	47,235,586	7,721,488	34,226,172	52,028,910	11,689,174	59,425,131	72,760,526	561,211,517
2014	133,927,078	133,603,435	43,358,594	8,330,886	35,024,744	53,747,409	11,540,103	63,386,497	72,442,077	555,360,825
2015	137,803,187	135,902,241	41,266,765	5,374,626	32,929,240	54,688,564	10,932,177	60,281,717	75,925,283	555,103,800

Table 15-9: Adjusted Expenditure total by function 2011-2015 (2015 dollars)

	Arts & Science, \$	Vocational Technical, \$	Adult Education, \$	Cooperative Pgms/Svcs., \$	Administration, \$	Student Services, \$	Learning Resources, \$	Physical Plant, \$	General Institution, \$	Total, \$
2011	146,830,626	145,006,761	46,968,534	8,430,034	37,024,748	49,996,246	13,977,446	69,734,538	78,454,334	596,423,267
2012	143,653,199	138,734,109	47,624,468	9,285,428	37,381,489	51,291,802	12,274,819	61,791,081	73,925,018	575,961,414
2013	141,116,298	139,117,486	47,938,540	7,836,398	34,735,522	52,803,198	11,863,131	60,309,489	73,843,339	569,563,401
2014	133,807,417	133,484,062	43,319,854	8,323,443	34,993,450	53,699,387	11,529,792	63,329,862	72,377,351	554,864,619
2015	137,803,187	135,902,241	41,266,765	5,374,626	32,929,240	54,688,564	10,932,177	60,281,717	75,925,283	555,103,800

Table 15-10: Adjusted Revenue and Expenditures / FTEE (2015 Dollars)

Year	Revenue	Expenditures	FTEE Total	Revenue / FTEE	Expenditures / FTEE
2011	571,768,875	561,509,771	107,251	5,336	5,240
2012	561,353,926	558,107,587	102,504	5,481	5,450
2013	561,226,627	560,710,084	96,696	5,809	5,804
2014	556,965,345	554,864,619	91,075	6,121	6,098
2015	557,231,882	555,103,800	88,619	4,564	6,264

Table 15-11: State General Aid (SGA) Totals (2015 dollars)

Year	Adjusted SGA Amount, \$	FTEE, N	\$/ FTEE
2005	171,302,505	86614.34	1,978
2006	176,287,022	86247.10	2,044
2007	184,248,213	88494.93	2,082
2008	190,396,153	89512.99	2,127
2009	199,586,172	92349.23	2,161
2010	160,438,354	104810.67	1,531
2011	168,474,570	107251.01	1,571
2012	168,862,777	102504.34	1,647
2013	179,912,828	96695.92	1,861
2014	193,101,959	91075.43	2,120
2015	193,774,647	88,619.43	2,187

16

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Table 16-1. Employees by Position.

Fiscal Year	Employment Type	Administrative	Instructional	Professional	Secretarial & Clerical	Service	Total
2011	Full-Time	132	2,020	1,994	884	534	5,564
	Part-Time	4	299	630	662	704	2,299
	Temp./Seasonal	3	127	798	762	695	2,385
	Adjunct	0	5,218	11	0	0	5,229
	Total	139	7,664	3,433	2,308	1,933	15,477
2012	Full-Time	135	1,938	2,036	825	485	5,419
	Part-Time	6	346	750	635	623	2,360
	Temp./Seasonal	0	111	810	831	649	2,401
	Adjunct	0	5,443	8	0	0	5,451
	Total	141	7,838	3,604	2,291	1,757	15,631
2013	Full-Time	130	2,021	2,091	882	553	5,677
	Part-Time	6	138	764	856	870	2,634
	Temp./Seasonal	1	98	788	1,119	737	2,743
	Adjunct	0	5,481	7	0	1	5,489
	Total	137	7,738	3,650	2,857	2,161	16,543
2014	Full-Time	128	2,045	2,194	863	538	5,768
	Part-Time	5	112	716	892	809	2,534
	Temp./Seasonal	4	76	605	1,056	754	2,495
	Adjunct	-	5,236	30	6	4	5,276
	Total	137	7,469	3,545	2,817	2,105	16,073
2015	Full-Time	130	2,036	2,296	840	542	5,844
	Part-Time	4	105	730	892	784	2,515
	Temp./Seasonal	1	56	561	994	683	2,295
	Adjunct	-	5,046	19	3	1	5,069
	Total	135	7,243	3,606	2,729	2,010	15,723

Note: Individuals may be employed in a number of positions at a community college. Full-time Instructional includes credit and non-credit full-time employees.

Table 16-2. Degrees for full-time Instructors.

Degree	2011	2012	2013	2014	2015
Doctorate	196	185	156	202	207
Ed. Special	12	17	12	10	9
Masters	1,083	1,026	1,027	1,097	1,053
Bachelors	400	385	488	384	373
Associate	232	214	245	243	246
Diploma	55	52	56	60	60
Certificate	21	25	28	23	24
High School	20	15	27	33	33
Non-Graduate	5	0	3	2	1
Not Provided	41	41	34	39	22
Total	2,065	1,960	2,076	2,093	2,028

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-3. Degrees for full-time Administrators.

Degree	2011	2012	2013	2014	2015
Doctorate	48	49	48	47	44
Ed. Special	6	4	3	3	3
Masters	46	53	50	52	58
Bachelors	27	26	27	27	23
Associate	2	3	2	1	2
Diploma	0	0	1	0	0
Certificate	0	0	0	0	0
High School	1	1	1	1	
Non-Graduate	0	0	0	0	0
Not Provided	3	2	2	1	0
Total	133	138	134	132	130

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-4. Employees by Age.

Fiscal Year	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Total
2011	53	1,082	745	921	2,228	4,949	3,753	39	13,770
2012	71	1,059	735	912	2,372	4,956	3,909	4	14,018
2013	70	1,378	773	972	2,530	4,903	4,037	8	14,671
2014	57	1,364	710	931	2,442	4,654	3,984	10	14,152
2015	86	1,380	702	914	2,470	4,590	3,789	4	13,935

Table 16-5. Employees by Race/Ethnicity.

Fiscal Year	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	White	More than one race	No Response	Total
2011	43	167	391	11	245	11,797	35	1,081	13,770
2012	37	170	387	9	274	12,147	81	913	14,018
2013	46	195	482	14	331	12,890	68	645	14,671
2014	38	202	492	11	355	12,399	71	584	14,152
2015	37	196	485	7	406	12,134	83	587	13,935

Note: No Response includes individuals who did not respond or colleges who did not report a ethnicity/race. "More than one" race reporting started in 2010.

Table 16-6. Employees by Gender.

Fiscal Year	Male, N	Male, %	Female, N	Female, %	Total
2011	5,666	41.2	8,099	58.8	13,765
2012	5,733	40.9	8,281	59.1	14,014
2013	6,028	41.1	8,638	58.9	14,666
2014	5,914	41.8	8,234	58.2	14,148
2015	5,846	42.0	8,084	58.0	13,930

Note: Unknown employees are not included in the total. The following are unknown counts: fiscal year 2011, 5 (0.04%); fiscal year 2012, 4 (0.03%); fiscal year 2013, 5 (0.03%); fiscal year 2014, 4 (0.03%), fiscal year 2015, 5 (0.04%);

Table 16-7. Base Salary for Instructors.

Fiscal Year	Full-Time Instructional Positions	Average Base Salary, \$
2011	1,912	52,350
2012	1,833	55,601
2013	1,849	56,692
2014	1,966	57,996
2015	1,949	59,108

Table 16-8. Iowa and National Wages for Instructors.

Fiscal Year	Almanac Issue, Fiscal Year	Iowa 2-Year Public Institutions	National 2-Year Public Institutions
1996	1998 & 1999	35,726	43,295
1998	2000 & 2001	37,460	45,919
1999	2002	38,334	47,285
2000	2003 & 2004	38,950	48,240
2002	2005	40,431	50,837
2004	2006	42,624	53,080
2005	2007	43,675	53,932
2006	2008	44,943	54,895
2007	2009	46,661	57,466
2008	2010	48,911	58,175
2009	2011	51,400	55,809
2010	2012	53,095	57,530*
2011	2013	53,442	57,677
2012	2014	51,581	55,373
2013	2015	53,339	56,075
2014	2015	54,982	56,971

Note: Data in *The Chronicle of Higher Education Almanac* issue was repeated in fiscal year 1999, 2001, and 2004.**The Chronicle* published this number quoting FY 2011 data of *American Association of University Professors*.

Source: The Chronicle of Higher Education Almanac, 2014-2015.

Table 16-9. Degrees for Full-time Administrators.

2011

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	6	0	3	0	0	0	0	1	0	0	10	7.5
North Iowa Area	2	0	2	2	0	0	0	0	0	0	6	4.5
Iowa Lakes	0	0	7	1	1	0	0	0	0	1	10	7.5
Northwest	4	0	3	2	0	0	0	0	0	0	9	6.8
Iowa Central	1	0	1	3	0	0	0	0	0	1	6	4.5
Iowa Valley	4	0	2	1	0	0	0	0	0	0	7	5.3
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	4.5
Eastern Iowa	6	0	3	0	0	0	0	0	0	0	9	6.8
Kirkwood	3	0	5	2	0	0	0	0	0	0	10	7.5
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10.5
Western Iowa Tech	5	0	2	2	0	0	0	0	0	1	10	7.5
Iowa Western	2	0	1	4	0	0	0	0	0	0	7	5.3
Southwestern	1	0	1	2	0	0	0	0	0	0	4	3.0
Indian Hills	5	4	4	3	1	0	0	0	0	0	17	12.8
Southeastern	2	0	4	2	0	0	0	0	0	0	8	6.0
Total	48	6	46	27	2	0	0	1	0	3	133	100.0
% of all degrees	36.1	4.5	34.6	20.3	1.5	0.0	0.0	0.8	0.0	2.3	100.0	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-10. Degrees for Full-time Administrators.

2012

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	6	0	4	0	0	0	0	1	0	0	11	8.0
North Iowa Area	1	0	1	2	0	0	0	0	0	0	4	2.9
Iowa Lakes	0	0	7	1	2	0	0	0	0	1	11	8.0
Northwest	6	0	4	1	0	0	0	0	0	0	11	8.0
Iowa Central	1	0	2	3	0	0	0	0	0	1	7	5.1
Iowa Valley	5	0	4	0	0	0	0	0	0	0	9	6.5
Hawkeye	2	0	2	2	0	0	0	0	0	0	6	4.3
Eastern Iowa	7	0	4	0	0	0	0	0	0	0	11	8.0
Kirkwood	2	0	5	2	0	0	0	0	0	0	9	6.5
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10.1
Western Iowa Tech	5	0	5	1	0	0	0	0	0	0	11	8.0
Iowa Western	2	0	1	4	0	0	0	0	0	0	7	5.1
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2.9
Indian Hills	5	3	3	4	1	0	0	0	0	0	16	11.6
Southeastern	1	0	4	2	0	0	0	0	0	0	7	5.1
Total	49	4	53	26	3	0	0	1	0	2	138	100.0
% of all degrees	35.5	2.9	38.4	18.8	2.2	0.0	0.0	0.7	0.0	1.4	100.0	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-11. Degrees for Full-time Administrators.

2013

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	7	0	3	1	0	0	0	1	0	0	12	9.0
North Iowa Area	3	0	0	2	0	0	0	0	0	0	5	3.7
Iowa Lakes	0	0	8	1	0	1	0	0	0	0	10	7.5
Northwest	6	0	4	1	0	0	0	0	0	0	11	8.2
Iowa Central	1	0	2	3	0	0	0	0	0	0	6	4.5
Iowa Valley	3	0	3	0	0	0	0	0	0	0	6	4.5
Hawkeye	3	0	2	2	0	0	0	0	0	1	8	6.0
Eastern Iowa	6	0	4	0	0	0	0	0	0	0	10	7.5
Kirkwood	3	0	1	4	1	0	0	0	0	1	10	7.5
Des Moines Area	4	0	6	2	0	0	0	0	0	0	12	9.0
Western Iowa Tech	3	0	6	1	0	0	0	0	0	0	10	7.5
Iowa Western	2	0	2	3	0	0	0	0	0	0	7	5.2
Southwestern	1	0	2	1	0	0	0	0	0	0	4	3.0
Indian Hills	4	3	3	4	1	0	0	0	0	0	15	11.2
Southeastern	2	0	4	2	0	0	0	0	0	0	8	6.0
Total	48	3	50	27	2	1	0	1	0	2	134	100.0
% of all degrees	35.8	2.2	37.3	20.1	1.5	0.7	0.0	0.7	0.0	1.5	100.0	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-12. Degrees for Full-time Administrators.

2014

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	6	0	4	0	0	0	0	1	0	0	11	8.3
North Iowa Area	3	0	2	2	0	0	0	0	0	0	7	5.3
Iowa Lakes	0	0	8	1	0	0	0	0	0	0	9	6.8
Northwest	5	0	0	1	0	0	0	0	0	0	6	4.5
Iowa Central	1	0	2	3	0	0	0	0	0	0	6	4.5
Iowa Valley	3	0	3	0	0	0	0	0	0	0	6	4.5
Hawkeye	3	0	3	1	0	0	0	0	0	0	7	5.3
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	3.7
Kirkwood	3	0	5	1	0	0	0	0	0	0	9	6.8
Des Moines Area	5	0	6	4	0	0	0	0	0	0	15	11.4
Western Iowa Tech	3	0	5	1	0	0	0	0	0	0	9	6.8
Iowa Western	2	0	2	2	0	0	0	0	0	0	6	4.5
Southwestern	1	0	2	1	0	0	0	0	0	0	4	3.0
Indian Hills	5	3	4	6	1	0	0	0	0	1	20	15.2
Southeastern	2	0	2	4	0	0	0	0	0	0	8	6.1
Total	47	3	52	27	1	0	0	1	0	1	132	100.0
% of all degrees	35.6	2.3	39.4	20.5	0.8	0.0	0.0	0.8	0.0	0.8	100.0	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-13. Degrees for Full-time Administrators.

2015

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	6	0	4	0	0	0	0	1	0	0	11	8.5
North Iowa Area	2	0	3	2	0	0	0	0	0	0	7	5.4
Iowa Lakes	1	0	8	1	1	0	0	0	0	0	11	8.5
Northwest	3	0	0	1	0	0	0	0	0	0	4	3.1
Iowa Central	1	0	2	3	0	0	0	0	0	0	6	4.6
Iowa Valley	3	0	3	0	0	0	0	0	0	0	6	4.6
Hawkeye	2	0	4	1	0	0	0	0	0	0	7	5.4
Eastern Iowa	5	0	5	0	0	0	0	0	0	0	10	7.7
Kirkwood	3	0	6	1	0	0	0	0	0	0	10	7.7
Des Moines Area	5	0	5	3	0	0	0	0	0	0	13	10.0
Western Iowa Tech	3	0	6	0	0	0	0	0	0	0	9	6.9
Iowa Western	2	0	4	3	0	0	0	0	0	0	9	6.9
Southwestern	1	0	2	2	0	0	0	0	0	0	5	3.8
Indian Hills	3	3	3	4	1	0	0	0	0	0	14	10.8
Southeastern	3	0	3	2	0	0	0	0	0	0	8	6.2
Total	43	3	58	23	2	0	0	1	0	0	130	100.0
% of all degrees	33.1	2.3	44.6	17.7	1.5	0.0	0.0	0.8	0.0	0.0	100.0	

Note: Total full-time administrators employees does not equal total full-time administrators positions because some employees are employed by more than one institution within the same year.

Table 16-14. Degrees for Full-time Instructors.

2011

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	% of State
Northeast	8	0	67	21	20	0	0	3	0	11	130	6.3
North Iowa Area	7	0	59	15	5	0	3	0	0	0	89	4.3
Iowa Lakes	3	1	46	21	11	4	0	0	0	12	98	4.7
Northwest	0	0	19	8	11	5	0	1	0	1	45	2.2
Iowa Central	4	0	51	16	10	3	2	5	0	1	92	4.5
Iowa Valley	8	0	57	12	6	1	1	0	0	0	85	4.1
Hawkeye	14	0	62	22	12	7	0	0	0	4	121	5.9
Eastern Iowa	20	1	89	25	14	1	1	5	0	0	156	7.6
Kirkwood	54	2	184	78	37	6	0	1	0	5	367	17.8
Des Moines Area	40	2	175	76	43	9	6	3	0	0	354	17.1
Western Iowa Tech	10	3	43	18	14	2	0	1	1	1	93	4.5
Iowa Western	10	1	85	28	16	4	2	0	0	3	149	7.2
Southwestern	4	0	32	3	1	4	1	1	1	2	49	2.4
Indian Hills	7	1	66	37	23	3	2	0	3	0	142	6.9
Southeastern	7	1	48	20	9	6	3	0	0	1	95	4.6
Total	196	12	1,083	400	232	55	21	20	5	41	2,065	100.0
% of all degrees	9.5	0.6	52.4	19.4	11.2	2.7	1.0	1.0	0.2	2.0	100.0	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-15. Degrees for Full-time Instructors.

2012

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	60	18	16	1	1	1	0	12	117	6.0
North Iowa Area	7	0	53	12	4	0	3	1	0	0	80	4.1
Iowa Lakes	4	1	50	21	12	4	0	0	0	11	103	5.3
Northwest	0	0	18	8	13	5	0	1	0	0	45	2.3
Iowa Central	7	0	51	19	10	3	2	5	0	0	97	4.9
Iowa Valley	6	0	57	10	5	1	1	0	0	0	80	4.1
Hawkeye	14	0	65	23	15	7	0	0	0	5	129	6.6
Eastern Iowa	55	5	154	45	24	6	0	1	0	4	294	15.0
Kirkwood	7	3	53	39	10	0	0	1	0	4	117	6.0
Des Moines Area	42	2	175	76	44	8	6	2	0	0	355	18.1
Western Iowa Tech	9	3	45	19	14	0	2	2	0	2	96	4.9
Iowa Western	11	1	89	29	17	4	2	0	0	1	154	7.9
Southwestern	2	0	36	5	2	4	1	1	0	2	53	2.7
Indian Hills	7	2	73	37	22	4	5	0	0	0	150	7.7
Southeastern	6	0	47	24	6	5	2	0	0	0	90	4.6
Total	185	17	1,026	385	214	52	25	15	0	41	1,960	100.0
Percent	9.4	0.9	52.3	19.6	10.9	2.7	1.3	0.8	0.0	2.1	100.0	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-16. Degrees for Full-time Instructors.

2013

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	67	29	17	2	1	0	1	0	125	6.0
North Iowa Area	6	0	55	10	4	0	3	1	0	0	79	3.8
Iowa Lakes	4	2	54	20	13	6	0	0	0	0	99	4.8
Northwest	0	0	17	6	13	5	0	2	0	0	43	2.1
Iowa Central	5	0	52	18	9	3	2	6	0	0	95	4.6
Iowa Valley	5	0	54	13	4	1	1	0	0	0	78	3.8
Hawkeye	13	0	66	22	17	6	2	4	0	0	130	6.3
Eastern Iowa	18	0	84	24	15	1	1	6	0	0	149	7.2
Kirkwood	20	1	112	149	50	8	2	2	0	30	374	18.0
Des Moines Area	42	3	177	75	45	8	6	2	0	0	358	17.2
Western Iowa Tech	9	3	44	20	14	0	2	2	0	1	95	4.6
Iowa Western	10	1	100	26	11	3	2	0	0	1	154	7.4
Southwestern	2	0	33	6	1	4	1	1	1	0	49	2.4
Indian Hills	7	2	68	41	26	4	3	1	1	1	154	7.4
Southeastern	7	0	44	29	6	5	2	0	0	1	94	4.5
Total	156	12	1,027	488	245	56	28	27	3	34	2,076	100.0
Percent	7.5	0.6	49.5	23.5	11.8	2.7	1.3	1.3	0.1	1.6	100.0	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-17. Degrees for Full-time Instructors.

2014

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	9	0	61	24	18	3	1	0	1	0	117	5.6
North Iowa Area	7	0	55	11	5	1	2	1	0	0	82	3.9
Iowa Lakes	7	1	57	11	12	5	0	0	0	5	98	4.7
Northwest	0	0	20	6	14	5	0	2	0	0	47	2.2
Iowa Central	5	0	49	18	10	3	2	6	0	0	93	4.4
Iowa Valley	6	0	50	12	4	1	1	1	0	0	75	3.6
Hawkeye	14	0	67	24	15	7	2	1	0	0	130	6.2
Eastern Iowa	19	0	85	27	14	2	1	7	0	0	155	3.7
Kirkwood	58	2	171	58	39	7	2	3	0	33	373	17.8
Des Moines Area	42	3	187	76	53	7	7	3	0	0	378	18.1
Western Iowa Tech	10	0	40	20	16	3	0	2	0	0	91	4.3
Iowa Western	10	1	112	24	10	3	2	0	0	1	163	7.8
Southwestern	2	0	31	5	0	4	1	2	1	0	46	2.2
Indian Hills	7	3	70	36	25	4	0	4	0	0	149	7.1
Southeastern	6	0	42	32	8	5	2	1	0	0	96	4.6
Total	202	10	1,097	384	243	60	23	33	2	39	2,093	100.0
Percent	9.7	0.5	52.4	18.3	11.6	2.9	1.1	1.6	0.1	1.9	100.0	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-18. Degrees for Full-time Instructors.

2015

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	9	0	70	29	19	2	1	2	0	0	132	6.5
North Iowa Area	7	0	51	11	5	1	2	1	0	0	78	3.8
Iowa Lakes	6	1	43	11	20	6	0	0	0	2	89	4.4
Northwest	0	0	19	3	12	5	0	1	0	0	40	2.0
Iowa Central	6	0	51	15	11	3	3	5	0	0	94	4.6
Iowa Valley	9	0	49	10	5	1	1	2	0	0	77	3.8
Hawkeye	15	0	64	23	15	9	2	1	0	0	129	6.4
Eastern Iowa	20	0	82	28	14	1	1	7	0	0	153	7.5
Kirkwood	53	2	164	43	34	7	2	1	0	18	324	16.0
Des Moines Area	44	2	178	80	53	8	7	4	0	1	377	18.6
Western Iowa Tech	9	0	36	22	13	3	0	1	0	0	84	4.1
Iowa Western	12	1	107	31	11	3	2	0	0	1	168	8.3
Southwestern	2	0	26	5	0	4	0	3	0	0	40	2.0
Indian Hills	9	3	56	40	27	4	2	2	1	0	144	7.1
Southeastern	6	0	57	22	7	3	1	3	0	0	99	4.9
Total	207	9	1,053	373	246	60	24	33	1	22	2,028	100.0
Percent	10.2	0.4	51.9	18.4	12.1	3.0	1.2	1.6	0.0	1.1	100.0	

Note: Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution within the same year.

Table 16-19. Employees by Age and College.

2011

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	14	27	27	99	269	228	2	666	4.8
North Iowa Area	2	15	22	28	65	215	166	0	513	3.7
Iowa Lakes	5	45	39	49	89	222	198	32	679	4.9
Northwest	6	18	5	21	48	114	91	1	304	2.2
Iowa Central	5	144	91	83	141	245	115	2	826	6.0
Iowa Valley	4	49	42	46	116	242	215	1	715	5.2
Hawkeye	0	14	39	53	133	243	190	0	672	4.9
Eastern Iowa	0	6	29	62	172	424	357	0	1,050	7.6
Kirkwood	17	174	118	150	424	837	601	1	2,322	16.9
Des Moines Area	5	64	110	160	394	891	752	0	2,376	17.3
Western Iowa Tech	0	2	19	46	130	285	186	0	668	4.9
Iowa Western	3	331	105	94	178	298	230	0	1,239	9.0
Southwestern	0	13	14	21	45	130	75	0	298	2.2
Indian Hills	6	192	68	55	108	294	190	0	913	6.6
Southeastern	0	1	17	26	86	240	159	0	529	3.8
Total	53	1,082	745	921	2,228	4,949	3,753	39	13,770	100.0
% of Total	0.4	7.9	5.4	6.7	16.2	35.9	27.3	0.3	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-20. Employees by Age and College.

2012

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	1	25	39	34	110	276	239	0	724	5.2
North Iowa Area	3	12	21	24	64	194	174	0	492	3.5
Iowa Lakes	6	39	42	42	105	227	221	2	684	4.9
Northwest	2	34	7	18	54	106	90	0	311	2.2
Iowa Central	5	129	99	97	191	339	221	1	1,082	7.7
Iowa Valley	5	46	52	44	126	246	222	0	741	5.3
Hawkeye	0	20	37	51	134	247	207	0	696	5.0
Eastern Iowa	0	5	20	62	172	413	364	0	1,036	7.4
Kirkwood	0	104	85	149	403	750	527	0	2,018	14.4
Des Moines Area	4	68	100	151	424	879	784	0	2,410	17.2
Western Iowa Tech	0	2	23	44	127	290	205	0	691	4.9
Iowa Western	6	361	100	95	194	307	217	1	1,281	9.1
Southwestern	4	12	18	22	41	130	71	0	298	2.1
Indian Hills	35	192	72	55	127	314	196	0	991	7.1
Southeastern	0	10	20	24	100	238	171	0	563	4.0
Total	71	1,059	735	912	2,372	4,956	3,909	4	14,018	100.0
% of Total	0.5	7.6	5.2	6.5	16.9	35.4	27.9	0.0	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-21. Employees by Age and College.

2013

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	6	19	35	93	253	249	0	655	4.5
North Iowa Area	3	23	23	34	74	174	175	0	506	3.4
Iowa Lakes	6	42	34	33	102	201	216	5	639	4.4
Northwest	3	35	11	18	58	109	84	0	318	2.2
Iowa Central	3	128	88	86	208	330	220	2	1,065	7.3
Iowa Valley	11	56	56	43	122	236	235	0	759	5.2
Hawkeye	1	20	41	60	152	243	215	0	732	5.0
Eastern Iowa	0	5	12	51	159	415	370	0	1,012	6.9
Kirkwood	12	402	198	205	497	833	603	1	2,751	18.8
Des Moines Area	1	58	87	143	415	881	798	0	2,383	16.2
Western Iowa Tech	0	2	21	37	131	288	206	0	685	4.7
Iowa Western	8	373	88	121	221	309	202	0	1,322	9.0
Southwestern	2	7	16	24	56	122	77	0	304	2.1
Indian Hills	20	211	65	58	145	293	206	0	998	6.8
Southeastern	0	10	14	24	97	216	181	0	542	3.7
Total	70	1,378	773	972	2,530	4,903	4,037	8	14,671	100.0
% of Total	0.5	9.4	5.3	6.6	17.2	33.4	27.5	0.1	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-22. Employees by Age and College.

2014

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	7	20	30	100	251	270	0	678	4.8
North Iowa Area	1	13	21	26	70	178	176	0	485	3.4
Iowa Lakes	6	38	31	30	98	197	208	4	612	4.3
Northwest	3	30	15	15	54	116	82	0	315	2.2
Iowa Central	1	138	77	91	198	319	237	4	1,065	7.5
Iowa Valley	2	36	48	36	105	178	165	1	571	4.0
Hawkeye	3	20	26	60	168	248	209	0	734	5.2
Eastern Iowa	0	12	23	49	164	400	372	0	1,020	7.2
Kirkwood	11	383	177	198	438	790	614	1	2,612	18.5
Des Moines Area	5	56	77	130	421	823	770	0	2,282	16.1
Western Iowa Tech	0	1	18	40	129	288	210	0	686	4.8
Iowa Western	7	381	83	115	228	291	213	0	1,318	9.3
Southwestern	0	6	15	24	56	108	81	0	290	2.0
Indian Hills	18	235	67	59	130	250	212	0	971	6.9
Southeastern	0	8	12	28	83	217	165	0	513	3.6
Total	57	1,364	710	931	2,442	4,654	3,984	10	14,152	100.0
% of Total	0.4	9.6	5.0	6.6	17.3	32.9	28.2	0.1	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-23. Employees by Age and College.

2015

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	14	23	29	105	248	260	0	679	4.9
North Iowa Area	2	11	12	20	62	163	150	0	420	3.0
Iowa Lakes	4	27	25	28	98	185	210	3	580	4.2
Northwest	4	28	17	10	61	105	78	0	303	2.2
Iowa Central	9	146	75	87	192	302	255	0	1,066	7.6
Iowa Valley	3	36	37	39	103	171	158	0	547	3.9
Hawkeye	4	15	28	55	163	263	202	0	730	5.2
Eastern Iowa	0	14	32	58	152	394	351	0	1,001	7.2
Kirkwood	16	372	167	178	424	770	583	1	2,511	18.0
Des Moines Area	5	81	80	133	439	837	699	0	2,274	16.3
Western Iowa Tech	0	5	18	37	144	305	214	0	723	5.2
Iowa Western	10	384	89	129	247	290	207	0	1,356	9.7
Southwestern	0	5	19	22	58	104	76	0	284	2.0
Indian Hills	29	236	68	58	130	245	192	0	958	6.9
Southeastern	0	6	12	31	92	208	154	0	503	3.6
Total	86	1,380	702	914	2,470	4,590	3,789	4	13,935	100.0
% of Total	0.6	9.9	5.0	6.6	17.7	32.9	27.2	0.0	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-24. Employees by Race/Ethnicity and College.

2011

College	Race/Ethnicity							More than one race	No Response	Total	% of Total
	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	White					
Northeast	0	2	6	0	4	599	0	55	666	4.8	
North Iowa Area	0	1	6	0	3	470	0	33	513	3.7	
Iowa Lakes	0	5	1	0	3	554	0	116	679	4.9	
Northwest	0	0	0	0	1	289	2	12	304	2.2	
Iowa Central	2	16	60	0	12	718	2	16	826	6.0	
Iowa Valley	5	2	9	0	26	633	0	40	715	5.2	
Hawkeye	1	8	31	1	9	621	1	0	672	4.9	
Eastern Iowa	2	21	38	0	31	942	0	16	1,050	7.6	
Kirkwood	8	26	61	5	35	1,805	0	382	2,322	16.9	
Des Moines Area	8	57	71	0	42	2,119	14	65	2,376	17.3	
Western Iowa Tech	4	10	1	1	14	495	2	141	668	4.9	
Iowa Western	7	10	72	2	31	910	9	198	1,239	9.0	
Southwestern	0	0	2	1	3	292	0	0	298	2.2	
Indian Hills	4	7	23	1	24	847	0	7	913	6.6	
Southeastern	2	2	10	0	7	503	5	0	529	3.8	
Total	43	167	391	11	245	11,797	35	1,081	13,770	100.0	
% of Total	0.3	1.2	2.8	0.1	1.8	85.7	0.3	7.9	100.0		

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond.

Table 16-25. Employees by Race/Ethnicity and College.

2012

College	Race/Ethnicity							More than one race	No Response	Total	% of Total
	American Indian	Asian	Black	Hawaiian/Pacific Islander	Hispanic	White					
Northeast	0	2	4	0	5	647	31	35	724	5.2	
North Iowa Area	0	0	6	1	3	442	0	40	492	3.5	
Iowa Lakes	0	3	2	1	2	541	2	133	684	4.9	
Northwest	1	0	0	0	1	296	1	12	311	2.2	
Iowa Central	1	18	91	1	18	922	3	28	1,082	7.7	
Iowa Valley	2	4	6	0	27	658	4	40	741	5.3	
Hawkeye	1	10	31	1	7	645	1	0	696	5.0	
Eastern Iowa	3	21	30	0	30	935	0	17	1,036	7.4	
Kirkwood	5	21	36	2	36	1,619	0	299	2,018	14.4	
Des Moines Area	5	58	73	0	47	2,148	21	58	2,410	17.2	
Western Iowa Tech	5	10	2	1	14	578	2	79	691	4.9	
Iowa Western	7	11	72	1	40	973	6	171	1,281	9.1	
Southwestern	0	1	0	1	3	293	0	0	298	2.1	
Indian Hills	6	9	22	0	33	919	1	1	991	7.1	
Southeastern	1	2	12	0	8	531	9	0	563	4.0	
Total	37	170	387	9	274	12,147	81	913	14,018	100.0	
% of Total	0.3	1.2	2.8	0.1	2.0	86.7	0.6	6.5	100.0		

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

Table 16-26. Employees by Race/Ethnicity and College. 2013

College	Hawaiian/ Pacific					White	More than one race	No Response	Total	% of Total
	American Indian	Asian	Black	Islander	Hispanic					
Northeast	0	2	3	0	4	642	0	4	655	4.5
North Iowa Area	0	1	5	2	1	455	0	42	506	3.4
Iowa Lakes	0	1	5	0	2	577	0	54	639	4.4
Northwest	1	1	0	0	2	301	1	12	318	2.2
Iowa Central	3	12	91	6	19	910	2	22	1,065	7.3
Iowa Valley	5	3	9	1	28	658	4	51	759	5.2
Hawkeye	1	10	37	2	8	672	1	1	732	5.0
Eastern Iowa	4	21	36	0	27	908	0	16	1,012	6.9
Kirkwood	7	49	76	0	64	2,248	12	295	2,751	18.8
Des Moines Area	5	56	77	0	50	2,124	22	49	2,383	16.2
Western Iowa Tech	6	12	4	1	17	621	3	21	685	4.7
Iowa Western	8	13	101	1	58	1,053	10	78	1,322	9.0
Southwestern	0	2	1	1	3	297	0	0	304	2.1
Indian Hills	5	9	28	0	37	916	3	0	998	6.8
Southeastern	1	3	9	0	11	508	10	0	542	3.7
Total	46	195	482	14	331	12,890	68	645	14,671	100.0
% of Total	0.3	1.3	3.3	0.1	2.3	87.9	0.5	4.4	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

Table 16-27. Employees by Race/Ethnicity and College. 2014

College	Hawaiian/ Pacific					White	More than one race	No Response	Total	% of Total
	American Indian	Asian	Black	Islander	Hispanic					
Northeast	0	3	4	0	4	659	0	8	678	4.8
North Iowa Area	0	1	7	1	1	432	0	43	485	3.4
Iowa Lakes	0	0	4	0	4	556	1	47	612	4.3
Northwest	1	1	0	1	4	299	1	8	315	2.2
Iowa Central	2	14	81	5	27	913	4	19	1,065	7.5
Iowa Valley	2	4	14	1	27	508	3	12	571	4.0
Hawkeye	1	8	48	0	7	666	4	0	734	5.2
Eastern Iowa	5	27	36	0	32	898	3	19	1,020	7.2
Kirkwood	5	48	80	0	66	2,079	16	318	2,612	18.5
Des Moines Area	5	56	70	0	46	2,062	13	30	2,282	16.1
Western Iowa Tech	8	11	6	0	18	638	2	3	686	4.8
Iowa Western	7	16	95	2	66	1,051	12	69	1,318	9.3
Southwestern	0	4	2	1	1	281	1	0	290	2.0
Indian Hills	2	6	33	0	42	877	3	8	971	6.9
Southeastern	0	3	12	0	10	480	8	0	513	3.6
Total	38	202	492	11	355	12,399	71	584	14,152	100.0
% of Total	0.3	1.4	3.5	0.1	2.5	87.6	0.5	4.1	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

Table 16-28. Employees by Race/Ethnicity and College.

2015

College	American Indian	Asian	Black	Hawaiian/ Pacific Islander	Hispanic	White	More than one race	No Response	Total	% of Total
Northeast	0	2	2	0	3	669	0	3	679	4.9
North Iowa Area	0	1	3	0	1	384	0	31	420	3.0
Iowa Lakes	0	1	0	0	5	465	1	108	580	4.2
Northwest	1	1	0	1	6	287	1	6	303	2.2
Iowa Central	2	11	63	1	31	933	6	19	1,066	7.6
Iowa Valley	2	5	14	0	27	483	6	10	547	3.9
Hawkeye	1	6	42	1	9	668	3	0	730	5.2
Eastern Iowa	4	22	28	0	34	893	6	14	1,001	7.2
Kirkwood	4	43	88	0	75	2,039	17	245	2,511	18.0
Des Moines Area	4	56	82	0	53	2,031	21	27	2,274	16.3
Western Iowa Tech	7	13	6	0	24	649	2	22	723	5.2
Iowa Western	11	20	109	2	65	1,067	9	73	1,356	9.7
Southwestern	0	5	2	1	4	272	0	0	284	2.0
Indian Hills	1	6	29	0	58	832	3	29	958	6.9
Southeastern	0	4	17	1	11	462	8	0	503	3.6
Total	37	196	485	7	406	12,134	83	587	13,935	100.0
% of Total	0.3	1.4	3.5	0.1	2.9	87.1	0.6	4.2	100.0	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. "More than one" race reporting started in 2010.

Table 16-29. Employees by Gender and College.

College	2011		2012		2013		2014		2015	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	201	464	218	506	204	451	216	462	219	460
North Iowa Area	221	288	204	285	222	281	204	281	173	246
Iowa Lakes	238	441	228	456	220	419	210	398	211	365
Northwest	130	174	129	182	132	186	135	180	134	169
Iowa Central	471	355	550	532	524	541	519	546	511	555
Iowa Valley	287	428	299	441	317	442	258	313	246	301
Hawkeye	246	426	259	437	271	461	277	457	291	439
Eastern Iowa	397	653	388	648	384	628	375	645	358	643
Kirkwood	967	1,355	864	1,154	1,164	1,585	1,170	1,442	1,105	1,406
Des Moines Area	1,041	1,335	1,043	1,367	1,028	1,355	1,001	1,281	1,001	1,273
Western Iowa Tech	275	393	287	404	290	395	283	403	298	425
Iowa Western	546	693	570	711	578	744	566	752	598	758
Southwestern	111	187	105	193	111	193	109	181	105	179
Indian Hills	339	574	378	613	395	603	416	555	419	539
Southeastern	196	333	211	352	188	354	175	338	177	326
Total	5,666	8,099	5,733	8,281	6,028	8,638	5,914	8,234	5,846	8,084

Note: Unknowns were not included in the table. Unknowns: fiscal year 2010, 40 (0.3%); fiscal year 2011, 5 (0.04%); fiscal year 2012, 4 (0.03%); fiscal year 2013, 5 (0.03%); fiscal year 2014, 4 (0.03%).

Table 16-30. Employees by Type of Employment.**2011**

	Full Time	% of All	Part Time	% of All	Temporary	% of All	Adjunct	% of All	Total
Northeast	320	45	178	25	0	0	212	30	710
North Iowa Area	258	44	19	3	199	34	106	18	582
Iowa Lakes	243	32	308	41	0	0	207	27	758
Northwest	128	40	83	26	0	0	113	35	324
Iowa Central	338	31	606	55	0	0	152	14	1,096
Iowa Valley	223	27	39	5	425	51	148	18	835
Hawkeye	314	44	39	6	45	6	309	44	707
Eastern Iowa	422	34	118	10	66	5	636	51	1,242
Kirkwood	968	38	364	14	335	13	864	34	2,531
Des Moines Area	840	31	44	2	663	25	1,137	42	2,684
Western Iowa Tech	249	37	70	10	0	0	349	52	668
Iowa Western	450	31	244	17	316	22	429	30	1,439
Southwestern	139	45	33	11	21	7	113	37	306
Indian Hills	414	43	96	10	293	31	155	16	958
Southeastern	258	40	58	9	24	4	299	47	639
Total/% of Total	5,564	36	2,299	15	2,387	15	5,229	34	15,479

Table 16-31. Employees by Type of Employment.**2012**

	Full Time	% of All	Part Time	% of All	Temporary	% of All	Adjunct	% of All	Total
Northeast	327	43	178	23	67	9	192	25	764
North Iowa Area	235	42	13	2	187	33	124	22	559
Iowa Lakes	246	32	299	39	0	0	228	29	773
Northwest	114	34	98	29	0	0	124	37	336
Iowa Central	339	26	514	40	0	0	428	33	1,281
Iowa Valley	258	29	41	5	441	49	158	18	898
Hawkeye	322	43	34	5	65	9	324	43	745
Eastern Iowa	406	33	103	8	56	5	648	53	1,213
Kirkwood	804	38	503	24	101	5	718	34	2,126
Des Moines Area	855	31	42	2	699	25	1,156	42	2,752
Western Iowa Tech	261	38	77	11	0	0	353	51	691
Iowa Western	458	31	219	15	352	24	452	31	1,481
Southwestern	139	45	34	11	28	9	108	35	309
Indian Hills	411	40	137	13	329	32	154	15	1,031
Southeastern	244	36	68	10	76	11	284	42	672
Total/% of Total	5,419	35	2,360	15	2,401	15	5,451	35	15,631

Table 16-32. Employees by Type of Employment. 2013

	Full Time	% of All	Part Time	% of All	Temporary	% of All	Adjunct	% of All	Total
Northeast	342	50	166	24	3	0	178	26	689
North Iowa Area	241	43	18	3	188	33	115	20	562
Iowa Lakes	239	35	288	43	0	0	147	22	674
Northwest	116	34	102	30	0	0	126	37	344
Iowa Central	339	26	518	39	0	0	459	35	1,316
Iowa Valley	261	29	40	4	431	48	161	18	893
Hawkeye	337	43	38	5	80	10	334	42	789
Eastern Iowa	394	33	95	8	49	4	650	55	1,188
Kirkwood	1,048	32	777	24	481	15	932	29	3,238
Des Moines Area	864	33	36	1	699	26	1,040	39	2,639
Western Iowa Tech	255	37	72	11	0	0	358	52	685
Iowa Western	429	28	235	15	389	26	467	31	1,520
Southwestern	139	44	27	9	34	11	117	37	317
Indian Hills	420	41	137	13	323	31	157	15	1,037
Southeastern	253	39	85	13	66	10	248	38	652
Total/% of Total	5,677	34	2,634	16	2,743	17	5,489	33	16,543

Table 16-33. Employees by Type of Employment. 2014

	Full Time	% of All	Part Time	% of All	Temporary	% of All	Adjunct	% of All	Total
Northeast	345	48.94	168	23.83	3	0.43	189	26.81	705
North Iowa Area	241	45.82	10	1.90	177	33.65	98	18.63	526
Iowa Lakes	231	32.91	276	39.32	0	0.00	195	27.78	702
Northwest	118	35.01	98	29.08	0	0.00	121	35.91	337
Iowa Central	351	27.53	463	36.31	0	0.00	461	36.16	1,275
Iowa Valley	255	39.05	26	3.98	205	31.39	167	25.57	653
Hawkeye	348	44.56	40	5.12	61	7.81	332	42.51	781
Eastern Iowa	415	33.74	114	9.27	45	3.66	656	53.33	1,230
Kirkwood	1,056	33.71	786	25.09	443	14.14	848	27.07	3,133
Des Moines Area	879	34.26	33	1.29	715	27.86	939	36.59	2,566
Western Iowa Tech	258	37.61	65	9.48	0	0.00	363	52.92	686
Iowa Western	456	29.75	238	15.53	408	26.61	431	28.11	1,533
Southwestern	145	46.03	29	9.21	28	8.89	113	35.87	315
Indian Hills	415	41.01	113	11.17	348	34.39	136	13.44	1,012
Southeastern	255	41.20	75	12.12	62	10.02	227	36.67	619
Total/% of Total	5,768	35.89	2,534	15.77	2,495	15.52	5,276	32.83	16,073

Table 16-34. Employees by Type of Employment.

2015

	Full Time	% of All	Part Time	% of All	Temporary	% of All	Adjunct	% of All	Total
Northeast	356	50.21	171	24.12	2	0.28	180	25.39	709
North Iowa Area	237	52.20	144	31.72	0	0.00	73	16.08	454
Iowa Lakes	233	34.83	258	38.57	0	0.00	178	26.61	669
Northwest	115	35.60	83	25.70	0	0.00	125	38.70	323
Iowa Central	358	28.19	446	35.12	0	0.00	466	36.69	1,270
Iowa Valley	277	42.55	25	3.84	198	30.41	151	23.20	651
Hawkeye	374	47.16	41	5.17	58	7.31	320	40.35	793
Eastern Iowa	417	34.38	122	10.06	41	3.38	633	52.18	1,213
Kirkwood	1,010	33.95	723	24.30	470	15.80	772	25.95	2,975
Des Moines Area	871	34.44	35	1.38	711	28.11	912	36.06	2,529
Western Iowa Tech	269	37.21	66	9.13	0	0.00	388	53.67	723
Iowa Western	509	31.69	236	14.69	412	25.65	449	27.96	1,606
Southwestern	146	47.56	22	7.17	26	8.47	113	36.81	307
Indian Hills	411	41.31	109	10.95	336	33.77	139	13.97	995
Southeastern	261	48.69	34	6.34	71	13.25	170	31.72	536
Total/% of Total	5,844	37.10	2,515	15.97	2,325	14.76	5,069	32.18	15,753



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