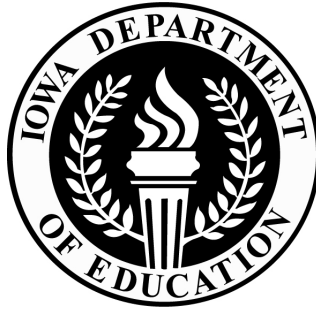


THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2011



COMMUNITY COLLEGES
BUREAU OF ADULT, CAREER, AND COMMUNITY COLLEGE EDUCATION
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THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2011
WITH A SPECIAL SUPPLEMENT ON
DEVELOPMENTAL EDUCATION

IOWA DEPARTMENT OF EDUCATION
DIVISION OF COMMUNITY COLLEGES
BUREAU OF ADULT, CAREER, AND COMMUNITY COLLEGE EDUCATION

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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, until, 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 able to include postsecondary courses of 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 crest in 1927 when nine public junior colleges were

organized. After the year 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. Some of these colleges closed, although 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 and the total enrollment during the fall semester of the 1965-66 school year was 9,110. Local public school districts operated colleges; a dean who reported directly to the local superintendent administered each. These institutions offered arts and sciences programs equivalent to the first two years of the baccalaureate program and 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 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 Education to conduct a two-year study of the need to develop a statewide system of public community colleges.

The Iowa Department of Education 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 Education 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 Education 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 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, except that tuition was not to exceed the lowest tuition rate charged by any one of Iowa's three Regent Universities.

Legislation approved in 1965 was enthusiastically received. The Iowa Department of Education 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 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 College District
- 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 State Board of Education with responsibility for statewide oversight and coordination. The study recommended the development of a statewide strategic plan for the system of community colleges.

House File 2433 mandates the development of a statewide strategic plan for the statewide system of community colleges every five years. The first plan was approved by community college presidents, the Iowa Association of Community College Trustees, and the State Board of Education, and forwarded to the legislature by July 2001. Specific goals included:

1. Provide high quality, comprehensive educational

programs and services accessible to all Iowans.

2. Develop high-skilled workers to meet the demands of Iowa's changing economy.
3. 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.
4. 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:

5. 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 HF 2433, a progress report was published summarizing statewide and local community college responses to the five-year plan, "Shaping the Future." Annual progress reports are compiled by the 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.

- Developmental education for persons who are academically or personally under prepared 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 (EICCD)

Eastern Iowa Community College District
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

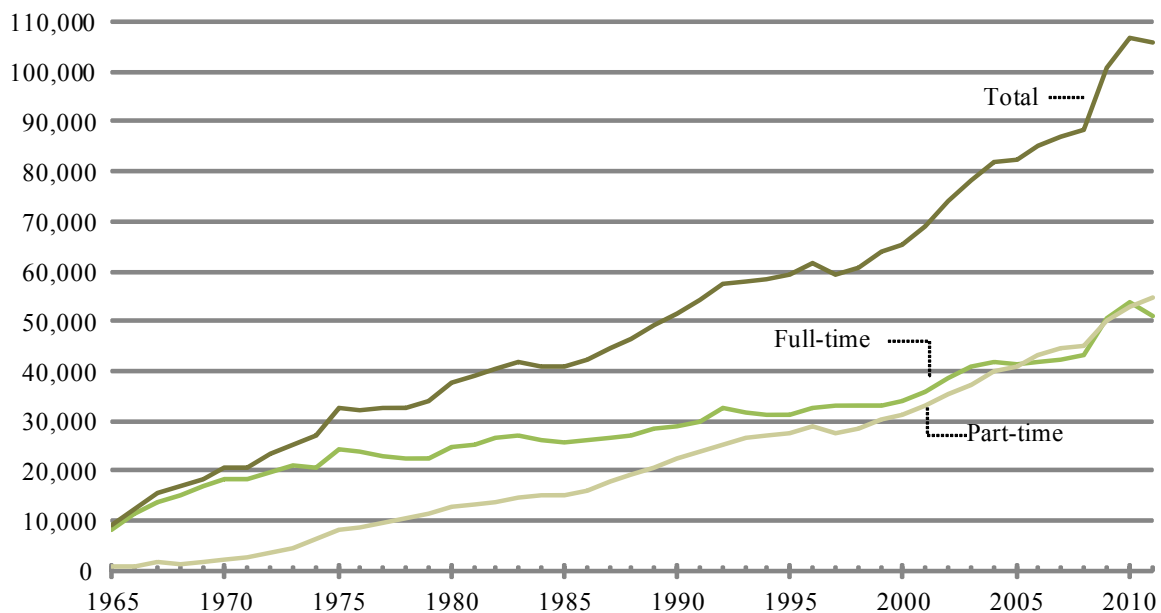
Each fall, the Iowa Department of Education collects enrollment data from Iowa’s community colleges on the 10th business day of the semester. The fall data collection contains data on the 2011-12 academic year (fiscal year 2012). This report is the only report on fiscal year 2012 until next year’s *Annual Condition of Iowa’s Community Colleges*.

Fall enrollment fell to 105,975 students, a 0.59 percent decline since last fall. Since 2008, community college enrollment has grown at a rapid pace, which was likely due to the 2008-09 recession. The decline this year follows enrollment increases of 14.3 and 5.9 percent in the past two years.

Enrollment declines are rare in the history of Iowa’s modern community college system—dating back to the fall of 1965. Including the most recent data, enrollment has fallen five times since 1965: 1976; 1984; 1985; 1994; and 2011 (Figure 2-1).

It is common for community college enrollment to be countercyclical to economic fluctuations. After the second-largest enrollment increase in 2009 and subsequent increase in 2010, enrollment forecasts projected an enrollment decline for this year (Iowa

Figure 2-1: Fall Enrollment: 1965-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Fall Enrollment Report: 2011.

HOW DOES FALL DIFFER FROM FISCAL YEAR?



FALL

Collected on the 10th business day of the current year. Fall 2011 is a part of fiscal year 2012.



FISCAL YEAR

Collected at the end of the school year, after the end of the fiscal year. This report uses fiscal year 2011 data, which is also known as the 2010-11 academic year.

Department of Education, 2010).

Enrollment fell at none of the 15 community colleges in contrast to 2010 where enrollment fell at three of the community colleges. Part-time enrollment (less than 12 credit hours) now exceeds full-time enrollment. Part-time enrollees comprised 51.8 percent of total enrollment compared to 49.5 percent last year. The number of full-time students fell from 53,833 students to 51,107, while part-time students grew from 52,714 to 54,868 students.

A majority of part-time enrollees is only a recent

FALL ENROLLMENT

FALL 2010 ENROLLMENT:

CHANGE SINCE LAST YEAR:

105,975 ↓ 0.6%

phenomena beginning in 2008; however, full- and part-time enrollment has jockeyed for over 50 percent of students since then. Although it is a relatively new phenomenon at Iowa's community colleges, national data indicates that part-time enrollees have outnumbered full-time enrollees at community colleges since the early 1970s (Snyder & Dillow, 2011: Table 204).

Credit Hours

The decline of total enrollment and the increase in part-time students has led to a decline in credit hours. The number of credit hours has fallen to 1,006,097.85—a two percent decline since last year (Figure 2-2).

There is a clear link between the number of students enrolled and credit hours. However, the increase in the number of part-time students also indicates that the students who are attending community colleges this fall are enrolled in fewer hours. In fall 2011, students enrolled in an average of 9.49 credit hours, compared to 9.63 credit hours in 2010 and 9.59 credit hours in 2009. Full-time students, however, are taking approximately the same course loads, averaging 13.7 credit hours this fall.

Each credit hour represented at least 800 minutes of scheduled work for a classroom course; at least 1,600 minutes for a laboratory course; at least 2,400 minutes for clinical work; and at least 3,200 minutes of work experience. Typically, classes at community colleges

vary between three and six credit hours. A full-time student must take at least 12 credit hours a semester, which is at least 9,600 classroom hours a semester.

Student Demographics

Fifty-five percent (55%) of students were female (Figure 2). Female enrollment is consistent with state and national trends in community colleges and four-year colleges (Snyder & Dillow, 2011: Table 204).

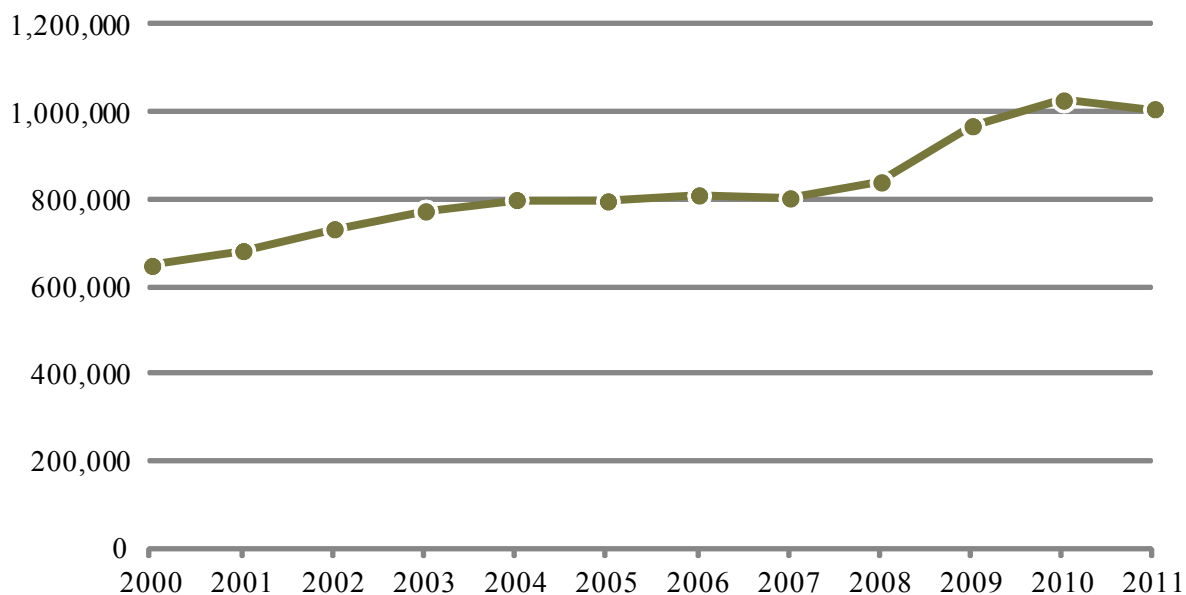
Females have outnumbered males nationally in higher education since 1980. In Iowa, females have outnumbered males since the Iowa Department of Education began collecting data in 1998.

Figure 3 shows the distribution of ages enrolled in colleges. The average age was unchanged at 23 years old, but the median age grew from 19 years old to 20 years old, consistent with national data (Snyder & Dillow, 2011: Table 201). Thus, half of Iowa community college students are still teenagers.

Iowa community college students are younger than the national average for community colleges. Seventy-two percent (72%) of students are traditional-age students under 25 years old. Nationally, 60 percent of students in public two-year colleges are traditional-age students (Snyder & Dillow, 2011: Table 201).

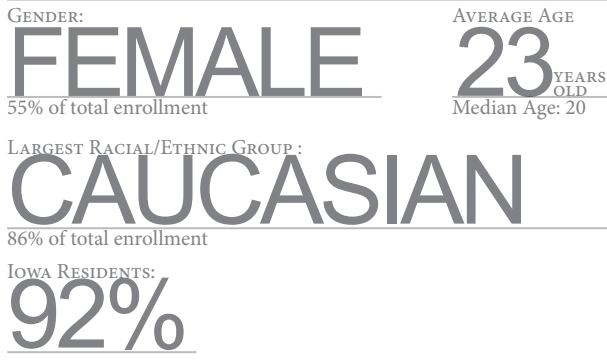
There is also a higher percentage of minorities in community colleges than in the state population. The recent decennial census estimates 11 percent of Iowans are non-white (U.S. Census Bureau 2011). This fall, 16 percent of students reporting a race are minorities, a substantial increase over last year which consisted of 14.5 percent minorities (Figure 4). Community colleges

Figure 2-2: Fall Credit Hours: 2000–2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Table 2-7.

STUDENT DEMOGRAPHICS



typically serve a higher proportion of minorities, but direct national comparisons are difficult since many other states are significantly more diverse in racial and ethnic backgrounds.

Black students were the second largest racial/ethnic group (7%), followed by Hispanic (5%), and Asian/Pacific Islander (2%). One percent (1%) indicated they were part of multiple racial and ethnic groups. The percentage of students identifying themselves as black or Hispanic increased this year, which contributed to the overall gain in minorities.

Almost 92 percent of students are residents of Iowa, which has been a common trend ever since the department started collecting data in 1998 (Figure 5). Seven percent (7 percent) were domestic out-of-state, and less than one percent were international students.

Program Type and Career Clusters

Community colleges offer several broad categories of programs:

- College parallel programs contain classes that articulate to a four-year university.
- Career option programs let students articulate to a four-year university or enter into a career field after graduation.
- Career and technical education (CTE) programs prepare students for the workforce.

College parallel programs are still the largest category of enrollment. Enrollment increased 1.3 percent to 67,950 students (Figure 2-3). Over 64 percent of students were enrolled in college parallel programs this past fall. College parallel programs have historically been the largest program type at Iowa's community colleges.

Enrollment in CTE programs fell to 32,553 students, a 3.4 percent decline. Thirty-one percent (31%) of community college students were enrolled in a CTE program. In the most recent nationwide estimates, at least 41 percent of enrollment in public two-year institutions were in CTE programs (Levesque et al. 2008).

Career option programs grew for the second straight year after several years of decline. Career option grew

to 5,439 students from 5,199—a growth of 4.6 percent.

Only 28 students enrolled in a combination of two or more of the categories mentioned above, which was a dramatic decline since last year. In fall 2010, 360 students were identified in multiple program categories, indicating a 95.5 percent decline.

Enrollment Projections

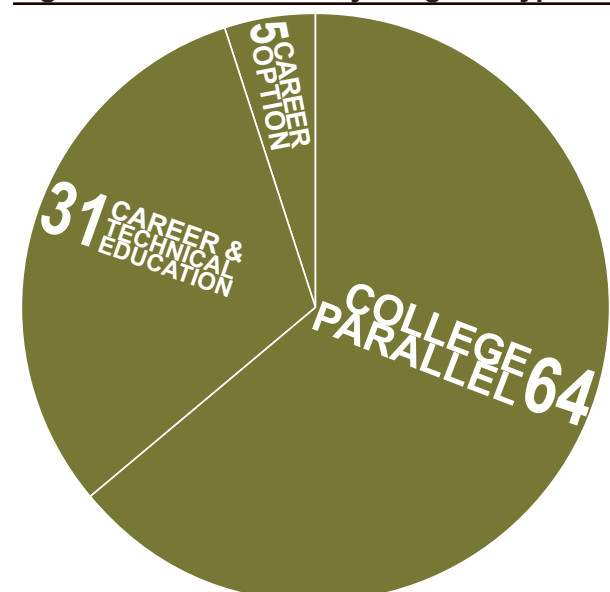
The enrollment decline this year was consistent with the projected decline in enrollment for this year. Historical data has suggested enrollment will rapidly increase at community colleges during severe recessions and will temporarily fall once the economy recovers.

The 2008-09 recession sent enrollment into unprecedented levels. However, the economy is expected to slowly recover over the next four years. The Congressional Budget Office (2011) estimated the U.S. gross domestic product (GDP) will increase between 1.7 to 2.6 percent over the next two years. Stronger economic growth—between 4.4 and 5 percent—is forecasted for 2014 and 2015.

Meanwhile, fewer students are still expected to graduate from high school through 2015 (Iowa Department of Education, 2011). Despite the smaller number of students in the future education pipeline, community college enrollment is still forecasted to grow over the next four years. Fall 2012 enrollment is expected to grow 4.5 percent to 110,749 students. The low estimate for enrollment is to remain steady at 105,746 to a high estimate of 115,751 students. By 2014 and as the economy is anticipated to grow at a faster pace, enrollment growth is forecasted to flatten.

This is the fourth year of enrollment forecasts

Figure 2-3: Enrollment by Program Type



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 2-10.

FALL ENROLLMENT PROJECTION: 2011

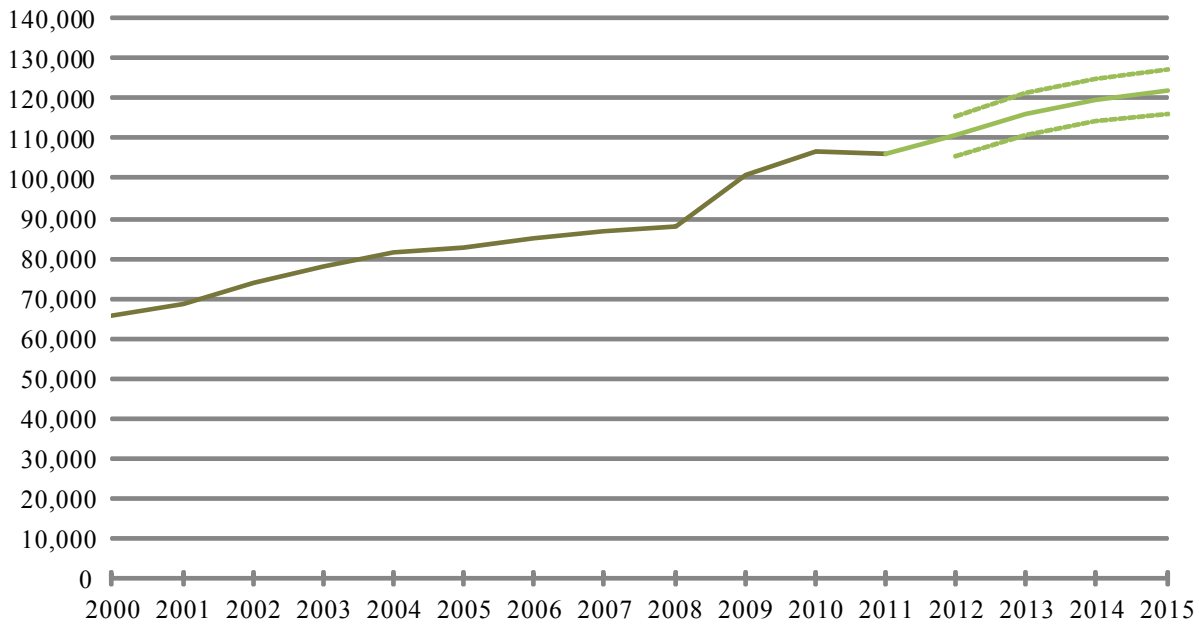
PROJECTED FALL 2012 ENROLLMENT:

110,749  4.5%

released by the Iowa Department of Education. Over this period, the margin of error (mean absolute percentage error, MAPE) between forecasted and actual enrollment was 3.9 percent. The margin of error for fall 2011 was three percent.

Enrollment forecasts are based on estimates of high school enrollment, changes in GDP, and the Iowa unemployment rate. It does not include other factors such as the economic value of community college education, changes in recruitment efforts, or availability of scholarships.

Figure 2-4: Enrollment Projections: Fall 2012–Fall 2015



SOURCE: Iowa Department of Education (2011), *Fall Enrollment Report: 2011*, Table 6. Also see Table 2-15.

Table 2-1: Fall Credit Enrollment: 2007-2011

College	2007	2008	2009	2010	2011
Northeast	4,804	4,756	5,389	5,136	5,053
North Iowa Area	3,272	3,485	3,729	3,744	3,557
Iowa Lakes	3,170	3,059	3,315	3,474	3,258
Northwest Iowa	1,288	1,256	1,615	1,648	1,544
Iowa Central	5,731	5,733	5,904	6,204	6,298
Iowa Valley	2,800	2,986	3,322	3,154	3,054
Hawkeye	5,803	5,765	6,312	6,664	6,238
Eastern Iowa	7,329	6,975	8,480	9,365	9,839
Kirkwood	15,075	15,220	17,841	18,456	17,610
Des Moines Area	18,310	18,695	22,324	24,658	25,425
Western Iowa Tech	5,191	5,425	5,834	6,421	6,787
Iowa Western	5,300	5,642	6,100	6,799	7,176
Southwestern	1,464	1,468	1,680	1,753	1,762
Indian Hills	4,174	4,227	5,137	5,520	5,033
Southeastern	3,351	3,412	3,754	3,601	3,341
Total	87,062	88,104	100,736	106,597	105,975

Note: Each "I" denotes 500 students.

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-2: Fall Enrollment by College and Status: Fall 2007

College	Enrollment Status		
	Full-Time	Part-Time	Total
Northeast	2,084	2,720	4,804
North Iowa Area	1,696	1,576	3,272
Iowa Lakes	1,526	1,644	3,170
Northwest Iowa	606	682	1,288
Iowa Central	2,590	3,141	5,731
Iowa Valley	1,500	1,300	2,800
Hawkeye	3,370	2,433	5,803
Eastern Iowa	3,355	3,974	7,329
Kirkwood	8,523	6,552	15,075
Des Moines Area	6,928	11,382	18,310
Western Iowa Tech	1,991	3,200	5,191
Iowa Western	2,861	2,439	5,300
Southwestern	759	705	1,464
Indian Hills	2,676	1,498	4,174
Southeastern	1,842	1,509	3,351
Total	42,307	44,755	87,062

NOTE: Students enrolled in 12 or more credit hours are counted as full time. Each “|” denotes 500 students.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-3: Fall Enrollment by College and Status: Fall 2008

College	Enrollment Status		
	Full-Time	Part-Time	Total
Northeast	2,107	2,649	4,756
North Iowa Area	1,855	1,630	3,485
Iowa Lakes	1,582	1,477	3,059
Northwest Iowa	599	657	1,256
Iowa Central	2,714	3,019	5,733
Iowa Valley	1,597	1,389	2,986
Hawkeye	3,335	2,430	5,765
Eastern Iowa	3,238	3,737	6,975
Kirkwood	8,274	6,946	15,220
Des Moines Area	7,428	11,267	18,695
Western Iowa Tech	2,095	3,330	5,425
Iowa Western	3,095	2,547	5,642
Southwestern	696	772	1,468
Indian Hills	2,719	1,508	4,227
Southeastern	1,875	1,537	3,412
Total	43,209	44,895	88,104

Note: Students enrolled in 12 or more credit hours are counted as full time. Each “|” denotes 500 students.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-4: Fall Enrollment by College and Status: Fall 2009

College	Enrollment Status		
	Full-Time	Part-Time	Total
Northeast	2,564	2,825	5,389
North Iowa Area	2,010	1,719	3,729
Iowa Lakes	1,859	1,456	3,315
Northwest Iowa	720	895	1,615
Iowa Central	3,064	2,840	5,904
Iowa Valley	1,847	1,475	3,322
Hawkeye	3,672	2,640	6,312
Eastern Iowa	3,969	4,511	8,480
Kirkwood	9,723	8,118	17,841
Des Moines Area	8,947	13,377	22,324
Western Iowa Tech	2,536	3,298	5,834
Iowa Western	3,574	2,526	6,100
Southwestern	839	841	1,680
Indian Hills	3,272	1,865	5,137
Southeastern	2,087	1,667	3,754
Total	50,683	50,053	100,736

Note: Students enrolled in 12 or more credit hours are counted as full time. Each “|” denotes 500 students.
 Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-5: Fall Enrollment by College and Status: Fall 2010

College	Enrollment Status		
	Full-Time	Part-Time	Total
Northeast	2,511	2,625	5,136
North Iowa Area	2,028	1,716	3,744
Iowa Lakes	2,042	1,432	3,474
Northwest Iowa	742	906	1,648
Iowa Central	3,401	2,803	6,204
Iowa Valley	1,947	1,207	3,154
Hawkeye	3,787	2,877	6,664
Eastern Iowa	4,210	5,155	9,365
Kirkwood	10,011	8,445	18,456
Des Moines Area	9,629	15,029	24,658
Western Iowa Tech	3,041	3,380	6,421
Iowa Western	3,982	2,817	6,799
Southwestern	903	850	1,753
Indian Hills	3,557	1,963	5,520
Southeastern	2,092	1,509	3,601
Total	53,883	52,714	106,597

Note: Students enrolled in 12 or more credit hours are counted as full time. Each “|” denotes 500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-6: Fall Enrollment by College and Status: Fall 2011

College	Enrollment Status		
	Full Time	Part Time	Total
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	2,687z	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

Note: Students enrolled in 12 or more credit hours are counted as full time. Each “|” denotes 500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-7: Fall Credit Hours: 2007-2011

College	2007 Hours	2008 Hours	2009 Hours	2010 Hours	2011 Hours
Northeast	44,097	44,917	51,719	50,181	47,116
North Iowa Area	21,849	34,889	37,914	37,732	36,161
Iowa Lakes	21,366	32,454	36,453	38,988	34,920
Northwest Iowa	12,138	12,950	15,787	16,240	15,290
Iowa Central	54,186	55,590	59,748	64,119	65,466
Iowa Valley	28,783	30,388	34,488	34,888	32,733
Hawkeye	60,661	60,088	65,538	68,928	65,302
Eastern Iowa	67,371	64,623	78,381	85,275	87,325
Kirkwood	154,313	152,298	177,971	184,662	174,911
Des Moines Area	154,822	161,547	194,179	211,828	217,840
Western Iowa Tech	44,499	46,768	53,180	60,649	62,525
Iowa Western	54,470	58,611	65,301	73,313	75,930
Southwestern	14,978	14,380	16,918	17,798	17,710
Indian Hills	33,892	33,991	40,645	43,949	38,957
Southeastern	34,178	34,811	38,725	37,586	33,915
Total	801,602	838,304	966,947	1,026,135	1,006,098

Note: Each "I" denotes 10,000 credit hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-8: Fall Credit Hours per Student 2007–2011

College	2007 Hours	2008 Hours	2009 Hours	2010 Hours	2011 Hours
Northeast	9	9	10	10	9
North Iowa Area	7	10	10	10	10
Iowa Lakes	7	11	11	11	11
Northwest Iowa	9	10	10	10	10
Iowa Central	9	10	10	10	10
Iowa Valley	10	10	10	11	11
Hawkeye	10	10	10	10	10
Eastern Iowa	9	9	9	9	9
Kirkwood	10	10	10	10	10
Des Moines Area	8	9	9	9	9
Western Iowa Tech	9	9	9	9	9
Iowa Western	10	10	11	11	11
Southwestern	10	10	10	10	10
Indian Hills	8	8	8	8	8
Southeastern	10	10	10	10	10

Note: Each "I" denotes 0.5 credit hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-9: Fall Enrollment by College and Program Type: Fall 2007

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,882	9	1,913	0
North Iowa Area	1,606	338	1,328	0
Iowa Lakes	1,873	431	866	0
Northwest Iowa	732	51	505	0
Iowa Central	3,894	321	1,515	1
Iowa Valley	2,251	176	373	0
Hawkeye	3,332	0	2,471	0
Eastern Iowa	4,582	5	2,742	0
Kirkwood	7,244	1,389	6,442	0
Des Moines Area	10,839	2,140	4,870	471
Western Iowa Tech	3,057	5	2,129	0
Iowa Western	3,659	24	1,380	237
Southwestern	864	116	456	28
Indian Hills	2,046	33	2,095	0
Southeastern	1,783	246	1,322	0
Total	50,644	5,284	30,407	737

NOTE: Each “|” denotes 250 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-10: Fall Enrollment by College and Program Type: Fall 2008

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,728	7	2,021	0
North Iowa Area	1,636	393	1,456	0
Iowa Lakes	1,424	498	1,137	0
Northwest Iowa	661	44	550	1
Iowa Central	3,910	343	1,475	5
Iowa Valley	2,432	157	397	0
Hawkeye	3,328	0	2,437	0
Eastern Iowa	4,454	0	2,521	0
Kirkwood	7,040	1,360	6,820	0
Des Moines Area	11,199	2,172	4,851	473
Western Iowa Tech	3,268	5	2,152	0
Iowa Western	3,754	13	1,553	322
Southwestern	841	120	482	25
Indian Hills	2,141	26	2,008	52
Southeastern	2,161	229	1,022	0
Total	50,977	5,367	30,882	878

NOTE: Each “|” denotes 250 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-11: Fall Enrollment by College and Program Type: Fall 2009

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	3,029	0	2,360	0
North Iowa Area	2,167	638	924	0
Iowa Lakes	1,451	702	1,161	1
Northwest Iowa	978	56	581	0
Iowa Central	3,975	351	1,554	24
Iowa Valley	2,734	199	389	0
Hawkeye	3,550	0	2,762	0
Eastern Iowa	5,315	3	3,159	3
Kirkwood	11,125	406	6,309	1
Des Moines Area	16,166	2,148	3,507	503
Western Iowa Tech	3,332	21	2,481	0
Iowa Western	4,255	4	1,841	0
Southwestern	1,082	152	409	37
Indian Hills	2,323	14	2,798	2
Southeastern	2,639	219	896	0
Total	64,121	4,913	31,131	571

Note: Each “|” denotes 250 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-12: Fall Enrollment by College and Program Type: Fall 2010

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,815	0	2,321	0
North Iowa Area	2,207	709	826	2
Iowa Lakes	1,440	725	1,280	29
Northwest Iowa	946	68	633	1
Iowa Central	4,333	328	1,542	1
Iowa Valley	2,537	159	458	0
Hawkeye	3,797	0	2,867	0
Eastern Iowa	5,707	10	3,647	1
Kirkwood	10,942	540	6,974	0
Des Moines Area	18,139	2,199	3,758	562
Western Iowa Tech	3,594	44	2,783	0
Iowa Western	4,624	1	2,174	0
Southwestern	1,129	136	459	29
Indian Hills	2,436	13	3,066	5
Southeastern	2,438	267	896	0
Total	67,084	5,199	33,684	630

NOTE: Each “|” denotes 250 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-13: Fall Enrollment by College and Program Type: Fall 2011

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,948	0	2,105	0
North Iowa Area	2,269	497	790	1
Iowa Lakes	1,476	620	1,147	15
Northwest Iowa	820	64	658	2
Iowa Central	4,345	321	1,624	3
Iowa Valley	2,472	154	428	0
Hawkeye	4,067	0	2,170	1
Eastern Iowa	6,119	8	3,709	3
Kirkwood	10,280	544	6,784	2
Des Moines Area	18,609	2,843	3,973	0
Western Iowa Tech	3,937	36	2,814	0
Iowa Western	4,888	0	2,288	0
Southwestern	1,196	135	431	0
Indian Hills	2,158	12	2,862	1
Southeastern	2,366	205	770	0
Total	67,950	5,439	32,553	28

Note: Each “|” denotes 250 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 2-15: Fall Enrollment Projections: 2012-2015

Year	Forecasted Enrollment	Upper Estimate	Lower estimate	Predicted Percent Gain
2012	110,749	90,943	85,421	4.5%
2013	116,286	94,441	85,398	5.0%
2014	119,516	97,631	85,787	2.8%
2015	121,831	100,459	86,280	1.9%

Note: Projections are based on previous year enrollment, high school enrollment, real U.S. gross domestic product (GDP), and Iowa unemployment rate. Source: Iowa Department of Education, Fall Enrollment Report 2011: Table 6

3

FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

Fiscal year credit enrollment follows students through the 2010-2011 academic year. Duplicated headcounts include the same student each time he or she appears at a college. Unduplicated headcounts will only count a student once. While enrollment rose, the composition of community college students remained relatively the same.

Unduplicated enrollment increased in 2011 to 155,140 students, which was a 3.8 percent enrollment growth since the prior year. This enrollment growth is below a historical average. Between 2006 and 2010, enrollment grew an average of 5.2 percent each year (Figure 3-1).

Credit hours grew at a similar rate this past year to 2,314,697 hours, a 3.4 percent increase since the prior year. This moderate rise in credit hours reflected a larger number of courses taken by a student each year. Over the entire fiscal year 2011, students enrolled in an average of 14.9 credit hours (Figure 3-2).

Enrollment grew moderately for arts and sciences programs. These programs, which are designed to transfer to four-year colleges and universities, grew to 101,223 students—65 percent of overall enrollment (Figure 3-3). Career and technical education (CTE) programs also added 1,592 students, to the total of 40,172 students. The moderate growth in arts and sciences parallels

CREDIT ENROLLMENT

NUMBER OF STUDENTS: **155,140** GROWTH SINCE LAST YEAR: **↑ 3.8%**

CREDIT HOURS: **2,314,697** CREDIT HOURS PER STUDENT: **14.9**
Up 3.4% since 2010 Down from 15.0 in 2010

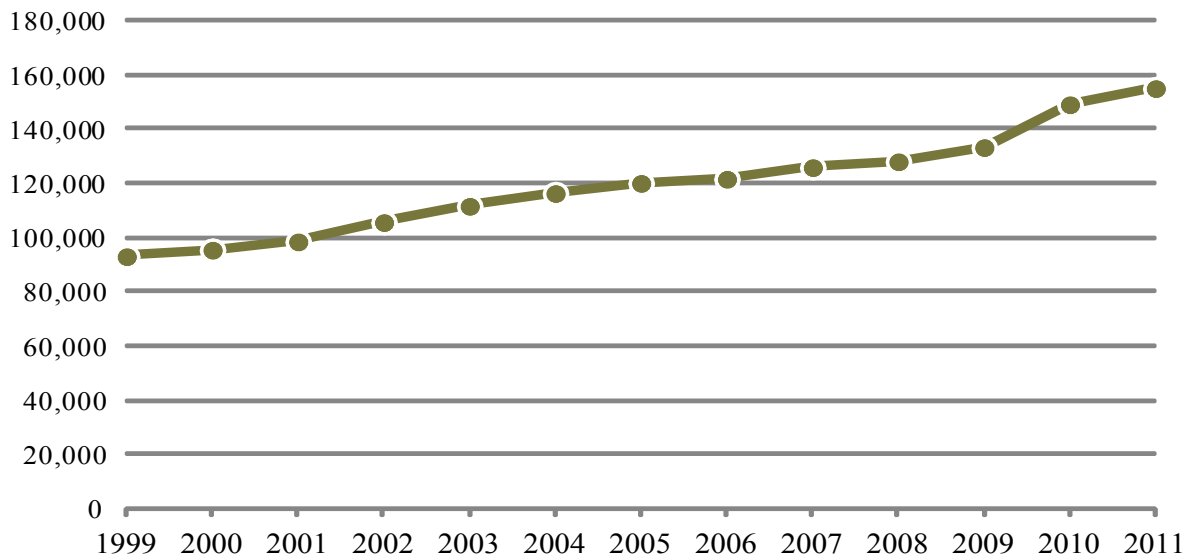
LARGEST PROGRAM MAJOR:

COLLEGE PARALLEL
65% of total enrollment

an insignificant increase in joint enrollment (Section 5), where students usually major in arts and sciences programs.

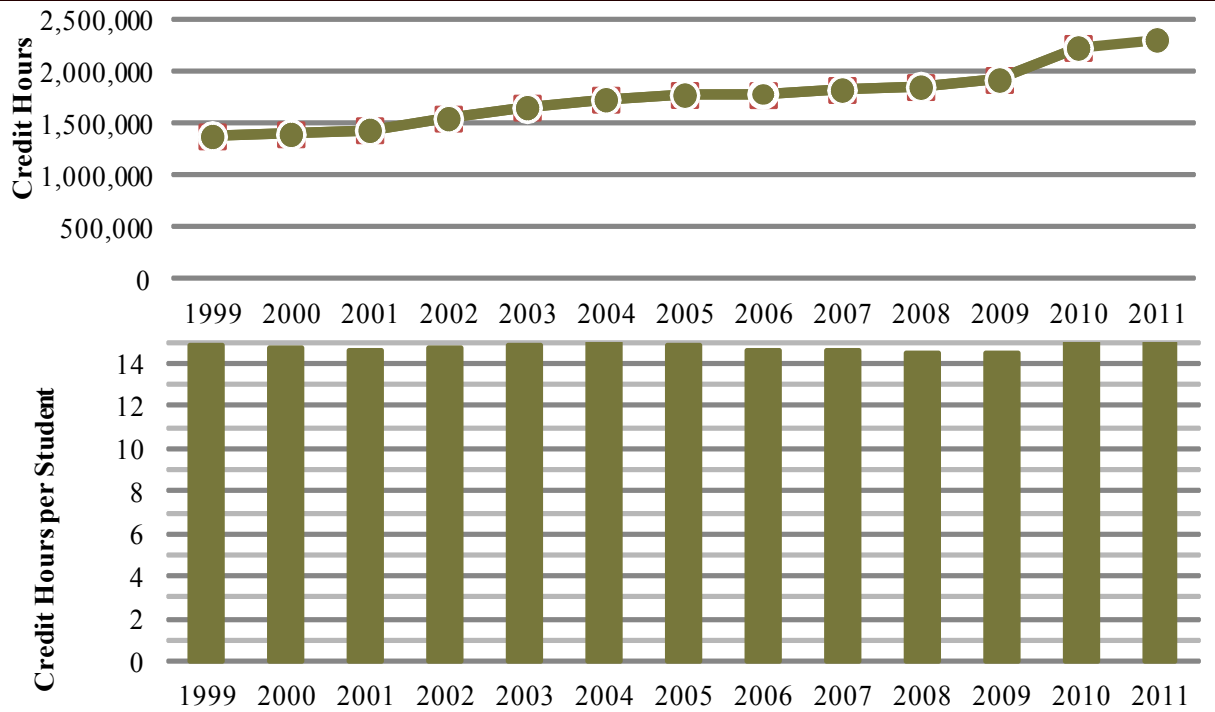
Health science remained the largest CTE program, followed by business management and administration, and then manufacturing (Figure 3-7). Enrollment in health science increased over three percent to 20,260 students. Business management and administration enrolled 7,598 students, which was almost five percent higher since last year and the first year of gain after two years of decline. Manufacturing, which is both the largest industry in Iowa and hardest hit by the 2008-09

Figure 3-1: Fiscal Year Unduplicated Credit Enrollment: 1999-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-1.

Figure 3-2: Fiscal Year Credit Hours (top) and Average Credit Hours per Student (bottom): 1999-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-2.

recession, declined five percent last year, but increased close to four percent to 3,760 students in fiscal year 2011.

The Iowa Department of Education reorganized career clusters to align with the most recent recommendations. Some of the enrollment changes were attributable to the reorganization instead of actual growth. For instance, the significant increase in human services majors and the substantial decline in government and public administration majors were attributable to the career cluster reorganization.

Student Demographics

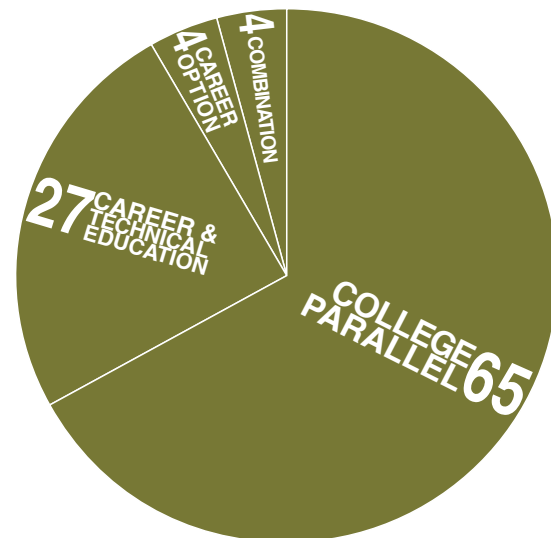
The typical community college student, as with prior years, is female, under 26, and white. However, the face of the typical student is slightly changing. Although predominately white, more minorities are enrolling into community colleges. And although the average age of a community college student is older than a university student, “traditional-age” students comprise most of the community college enrollment.

Females continue to outnumber males in community colleges, 55.9 to 44.1 percent, respectively(Figure 3-4). Since the community college MIS was established, females have composed most of community college enrollment, remaining steady between 55 and 57 percent. The trend in Iowa’s community colleges is similar to other levels of education. Females compose a majority of enrollment at the University of Iowa and University of Northern Iowa (Iowa State Board of Regents, 2007:

Table 2). Nationally, females have outnumbered males in postsecondary institutions since 1978 (Snyder, Tan, and Hoffman, 2003).

The average age of a student is 24 years-old, similar to the most recent national estimate (Snyder, Tan, and Hoffman, 2008). The average community college student is older than a typical student at a four-year university.

Figure 3-3: Enrollment by Program Type



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-7.

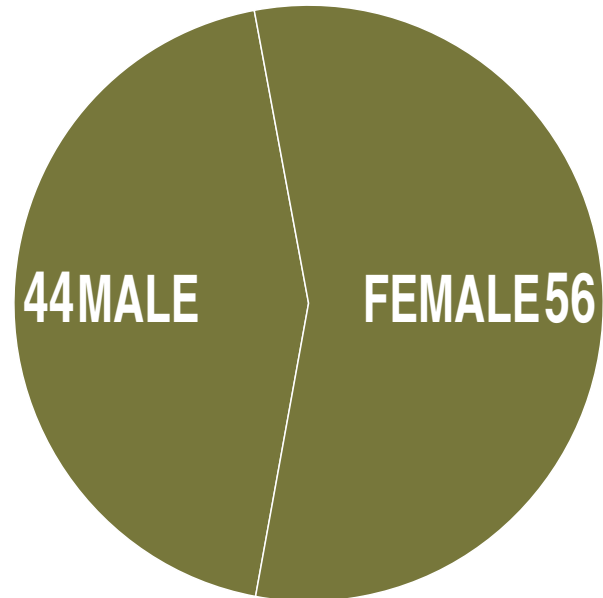
For instance, the average age for undergraduate students attending a public university was slightly over 21 years-old (Iowa State Board of Regents, 2011).

Community colleges serve an older population; however, most students are of traditional age: under 25 years-old. The median student age was 21 years-old, which means half of the student population were under that age. Sixty-eight percent of community college students were under 25 years-old (Figure 3-5).

Community colleges have become increasingly diverse. In 2007, 12 percent of students were racial or ethnic minorities. This proportion grew to 16 percent in 2010, and 18.5 percent in 2011.

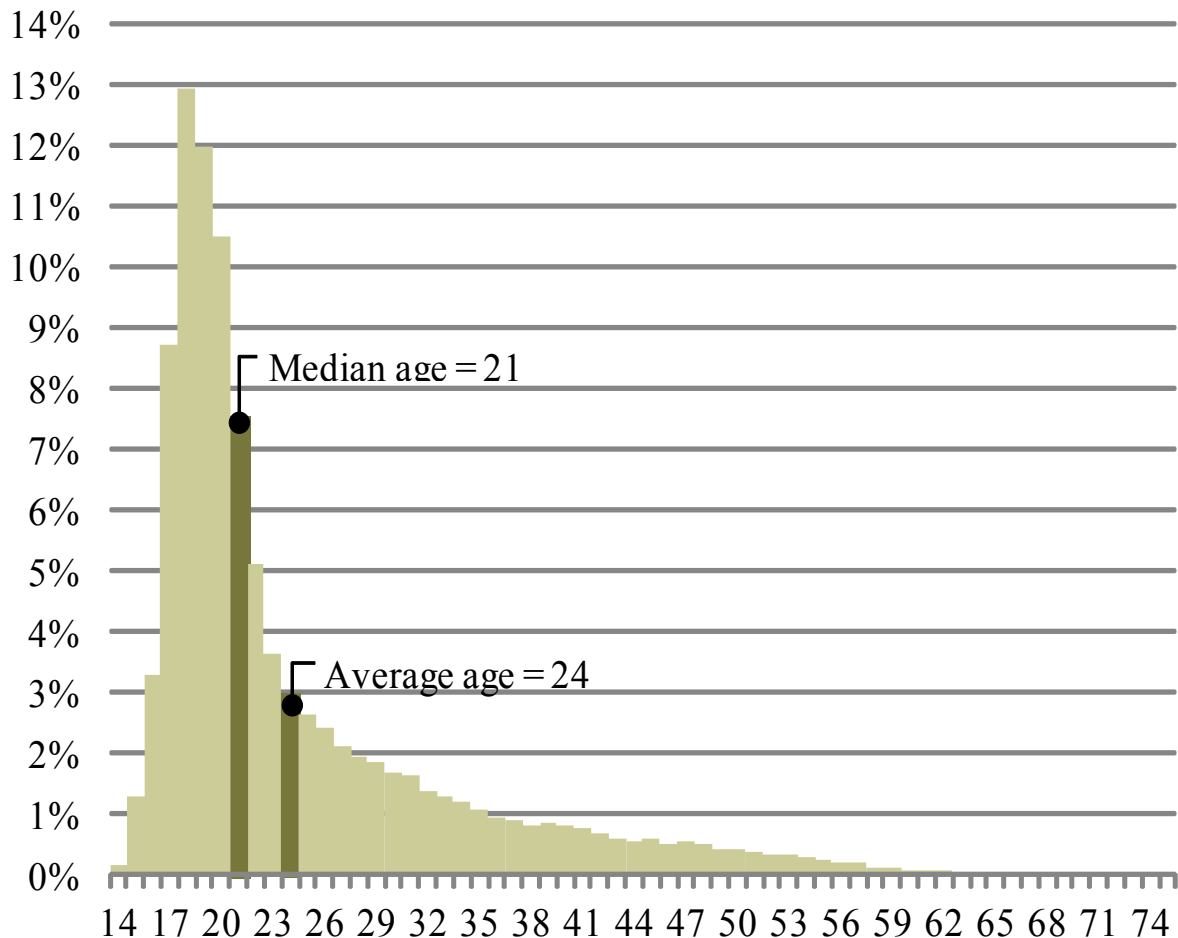
In 2010, the Iowa Department of Education changed its reporting methods for race. Students were allowed to identify themselves under multiple racial or ethnic categories. Twelve hundred ninety-four students, or six percent, claimed themselves as multi-racial in 2011.

Figure 3-4: Credit Student Gender



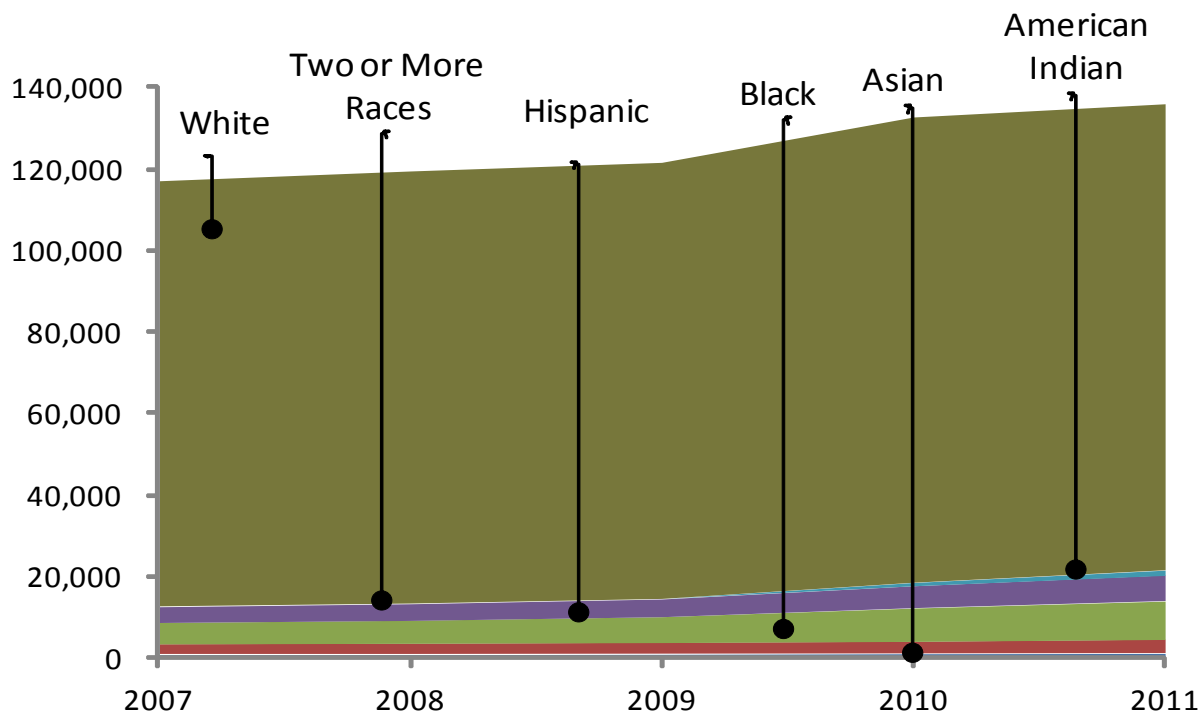
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-18.

Figure 3-5: Credit Student Age: 2011



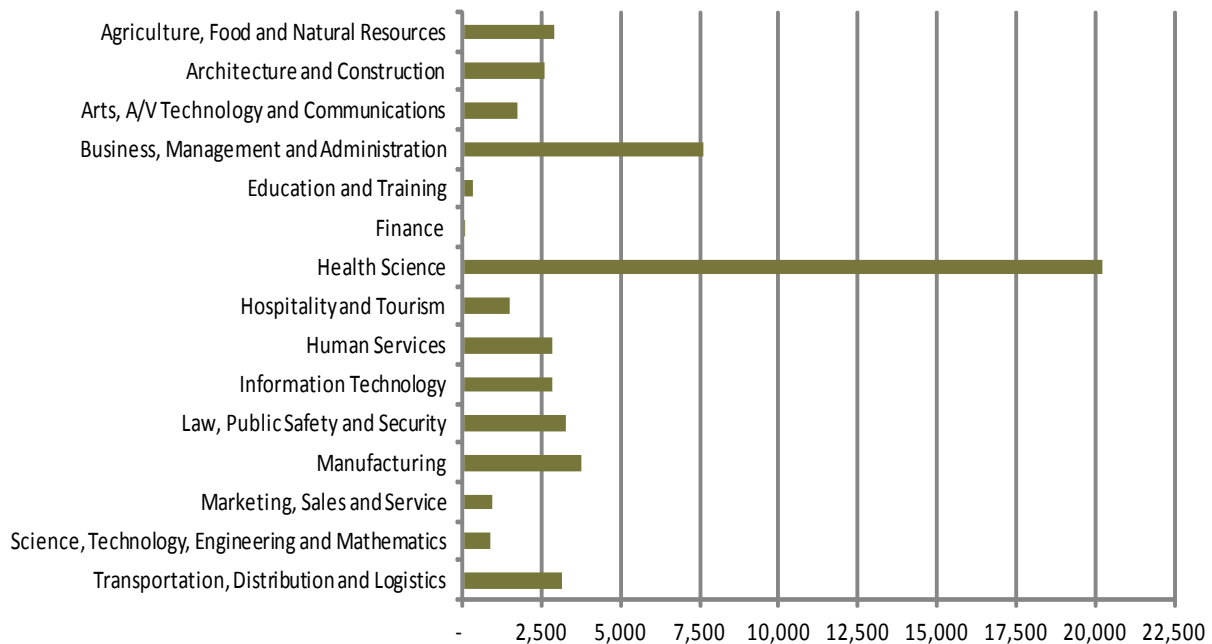
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-17.

Figure 3-6: Credit Enrollment by Race and Ethnicity: 2007-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-23.

Figure 3-7: Enrollment by Career and Technical Education Career Cluster: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 3-12.

Table 3-1: Fiscal Year Unduplicated Credit Enrollment: 2007–2011

College	2007	2008	2009	2010	2011	Average Change 2007 to 2011
Northeast	6,739	6,827	7,047	7,741	7,490	2.1%
North Iowa Area	4,475	4,718	4,958	5,201	4,994	2.2%
Iowa Lakes	4,581	4,402	4,322	4,774	4,784	0.9%
Northwest	2,004	2,116	2,108	2,486	2,534	4.8%
Iowa Central	7,456	7,916	8,161	8,657	9,159	4.2%
Iowa Valley	4,023	3,977	4,176	4,460	4,363	1.6%
Hawkeye	8,376	8,374	8,691	9,464	9,791	3.2%
Eastern Iowa	11,114	11,278	11,609	13,452	14,423	5.4%
Kirkwood	21,674	21,461	22,606	25,658	26,222	3.9%
Des Moines Area	28,054	29,573	30,949	35,483	38,099	6.3%
Western Iowa Tech	7,665	7,570	7,630	8,196	8,802	2.8%
Iowa Western	6,888	6,855	7,299	8,097	9,034	5.6%
Southwestern	1,868	1,992	2,037	2,211	2,335	4.6%
Indian Hills	6,464	6,544	7,008	8,065	8,106	4.6%
Southeastern	4,609	4,543	4,786	5,230	5,004	1.7%
Total	125,990	128,146	133,387	149,175	155,140	4.25%

NOTE: Each "I" denotes 1,500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-2: Fiscal Year Credit Hours: 2007–2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	477,063	418,613	504,099	489,068	425,111	-2.8%
North Iowa Area	501,518	479,527	460,561	342,609	191,163	-21.4%
Iowa Lakes	91,019	96,734	99,284	84,539	75,110	-4.7%
Northwest	290,962	261,161	231,612	232,261	233,903	-5.3%
Iowa Central	752,534	754,678	713,998	617,309	613,776	-5.0%
Iowa Valley	422,006	394,873	366,010	314,280	279,949	-9.8%
Hawkeye	401,816	385,815	359,783	254,657	260,855	-10.2%
Eastern Iowa	1,041,366	1,105,741	1,150,884	1,102,581	1,047,299	0.1%
Kirkwood	1,283,473	1,398,648	1,499,798	1,367,581	1,257,190	-0.5%
Des Moines Area	1,832,972	1,757,579	1,494,319	1,503,359	1,463,666	-5.5%
Western Iowa Tech	377,072	414,566	446,156	494,761	562,488	10.5%
Iowa Western	516,127	557,271	560,791	545,445	503,103	-0.6%
Southwestern	207,822	222,535	224,234	214,610	196,271	-1.4%
Indian Hills	332,662	304,986	304,962	292,450	251,113	-6.8%
Southeastern	360,142	401,641	355,793	343,929	253,070	-8.4%
Total	8,888,555	8,954,371	8,772,285	8,199,437	7,614,067	-3.8%

Note: Each bar “|” denotes 2,000 contact hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-3: Fiscal Year Enrollment by College and Program Type: 2007

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,294	30	2,415	0	6,739
North Iowa Area	2,719	452	1,123	188	4,475
Iowa Lakes	2,749	532	1,190	0	4,581
Northwest	1,141	75	585	0	2,004
Iowa Central	4,755	593	1,615	343	7,456
Iowa Valley	3,043	222	525	0	4,023
Hawkeye	4,445	0	2,953	0	8,376
Eastern Iowa	7,101	7	4,003	0	11,114
Kirkwood	10,595	1,848	8,614	0	21,674
Des Moines Area	17,732	2,566	7,201	1,233	28,054
Western Iowa Tech	3,724	8	3,433	0	7,665
Iowa Western	4,208	24	1,541	552	6,888
Southwestern	1,161	134	438	56	1,868
Indian Hills	2,688	46	3,120	476	6,464
Southeastern	2,111	376	1,818	0	4,609
Total	75,655	6,913	40,574	2,848	125,990

NOTE: Each “|” denotes 1,000 students.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-4: Fiscal Year Enrollment by College and Program Type: 2008

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,382	11	2,434	0	6,827
North Iowa Area	2,719	442	1,714	212	4,718
Iowa Lakes	2,749	483	1,517	0	4,402
Northwest	1,141	61	590	0	2,116
Iowa Central	4,755	639	1,696	241	7,916
Iowa Valley	3,043	226	504	0	3,977
Hawkeye	4,445	0	3,244	0	8,374
Eastern Iowa	7,101	4	3,823	0	11,278
Kirkwood	10,595	1,662	8,129	793	21,461
Des Moines Area	17,732	2,672	7,332	1,510	29,573
Western Iowa Tech	3,724	5	3,185	0	7,570
Iowa Western	4,208	25	1,599	674	6,855
Southwestern	1,161	133	526	74	1,992
Indian Hills	2,688	36	2,974	609	6,544
Southeastern	2,111	237	1,233	0	4,542
Total	76,896	6,636	40,500	4,113	128,146

NOTE: Each “|” denotes 1,000 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-5: Fiscal Year Enrollment by College and Program Type: 2009

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,313	4	2,730	0	7,047
North Iowa Area	2,365	443	1,939	211	4,958
Iowa Lakes	6,678	447	4,669	211	12,005
Northwest	1,501	47	560	0	2,108
Iowa Central	5,424	714	1,790	233	8,161
Iowa Valley	3,389	217	570	0	4,176
Hawkeye	5,168	0	3,405	118	8,691
Eastern Iowa	7,522	1	3,788	298	11,609
Kirkwood	10,813	1,605	9,133	1,055	22,606
Des Moines Area	19,722	2,390	7,102	1,735	30,949
Western Iowa Tech	4,498	9	3,123	0	7,630
Iowa Western	4,713	12	1,758	816	7,299
Southwestern	1,299	126	491	121	2,037
Indian Hills	3,009	23	3,298	678	7,008
Southeastern	3,685	192	909	0	4,786
Total	84,099	6,230	45,265	5,476	141,070

NOTE: Each “|” denotes 1,000 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-6: Fiscal Year Enrollment by College and Program Type: 2010

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,576	0	2,968	197	7,741
North Iowa Area	3,123	725	922	431	5,201
Iowa Lakes	2,211	885	1,413	265	4,774
Northwest	1,707	61	658	60	2,486
Iowa Central	5,577	800	1,984	296	8,657
Iowa Valley	3,571	231	658	0	4,460
Hawkeye	5,617	0	3,559	288	9,464
Eastern Iowa	8,573	5	4,470	404	13,452
Kirkwood	16,275	550	7,996	837	25,658
Des Moines Area	26,868	2,791	4,063	1,761	35,483
Western Iowa Tech	4,559	46	3,591	0	8,196
Iowa Western	5,656	4	2,222	215	8,097
Southwestern	1,561	148	403	99	2,211
Indian Hills	3,394	12	4,088	571	8,065
Southeastern	3,792	261	1,177	0	5,230
Total	97,060	6,519	40,172	5,424	149,175

Note: Each “|” denotes 1,000 students. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-7: Fiscal Year Enrollment by College and Program Type: 2011

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
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

NOTE: Each “|” denotes 1,000 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-8: Fiscal Year Enrollment by College and Career Cluster: 2007

	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	183	43	137	1	48	75	214	146	687	299	64	68	18	25	94	2,102
Architecture and Construction	151	74	111	176	177	87	104	101	371	855	335	107	131	75	97	2,952
Arts, AV Technology and Communications	0	3	93	0	108	23	252	85	812	287	73	126	34	0	62	1,958
Business, Management and Administration	462	464	181	106	300	90	192	463	1,614	3,517	486	157	147	155	347	8,681
Education and Training	0	17	0	0	0	0	0	46	74	162	6	66	0	0	0	371
Finance	0	9	0	0	0	0	0	0	99	0	13	0	0	0	0	121
Government and Public Administration	30	0	0	0	0	0	0	0	290	379	0	0	0	0	0	699
Health Science	1,186	761	748	130	704	283	1,196	1,981	3,219	1,865	1,500	1,138	151	2,159	1,098	18,119
Hospitality and Tourism	0	21	46	0	0	0	0	99	349	334	0	73	0	46	0	968
Human Services	56	30	47	0	140	22	106	97	322	332	108	87	0	101	59	1,507
Information Technology	131	126	54	29	55	45	97	211	715	490	96	91	64	426	59	2,689
Law, Public Safety and Security	0	138	105	0	334	69	175	17	794	875	294	0	0	129	128	3,058
Manufacturing	61	55	18	123	413	33	357	275	373	285	150	58	1	354	111	2,667
Marketing, Sales and Service	78	3	17	0	0	20	76	0	345	721	65	102	0	0	0	1,427
Science, Technology, Engineering and Mathematics	21	3	6	0	8	0	2	192	88	0	2	57	0	48	0	427
Transportation, Distribution and Logistics	86	79	159	95	332	0	182	297	310	842	249	178	79	363	139	3,390
College Transfer (Parallel)	4,294	2,916	2,859	1,344	5,234	3,276	5,423	7,104	11,212	19,824	4,224	6,129	1,401	3,297	2,415	80,952
Total	6,739	4,742	4,581	2,004	7,853	4,023	8,376	11,114	21,674	31,067	7,665	8,437	2,026	7,178	4,609	132,088

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>. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-9: Fiscal Year Enrollment by College and Career Cluster: 2008

	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	216	109	158	2	54	71	232	132	737	425	39	63	18	33	95	2,384
Architecture and Construction	163	65	205	192	153	71	119	75	414	811	237	158	130	72	61	2,926
Arts, A/V Technology and Communications	35	24	93	0	96	22	260	92	880	287	81	111	39	31	31	2,051
Business, Management and Administration	431	622	208	91	291	102	196	409	1,803	3,488	426	160	153	149	253	8,782
Education and Training	0	30	0	0	0	0	0	44	65	185	6	57	0	0	0	387
Finance	0	4	0	0	0	0	0	0	121	0	17	0	0	0	0	142
Government and Public Administration	11	0	0	0	0	0	0	0	324	461	0	0	0	0	0	796
Health Science	1,160	660	795	137	762	273	1,314	1,930	3,281	1,883	1,490	1,269	162	2,126	610	17,852
Hospitality and Tourism	0	19	105	0	32	0	0	113	377	356	0	98	0	53	0	1,153
Human Services	72	35	62	0	138	39	103	111	360	348	110	91	0	65	44	1,578
Information Technology	125	110	37	29	39	32	131	156	766	478	103	129	88	430	49	2,702
Law, Public Safety and Security	0	129	93	0	356	77	192	18	824	1,010	289	0	0	127	102	3,217
Manufacturing	46	62	27	108	392	29	387	268	353	296	138	83	0	418	100	2,707
Marketing, Sales and Service	79	17	17	5	0	14	93	0	353	694	50	94	0	0	0	1,416
Science, Technology, Engineering and Mathematics	23	9	15	0	17	0	12	228	92	0	12	52	0	47	0	507
Transportation, Distribution and Logistics	84	83	185	87	312	0	205	251	362	828	192	181	84	305	126	3,285
College Transfer (Parallel)	4,382	3,028	2,402	1,465	5,571	3,247	5,130	7,451	11,585	21,607	4,380	6,145	1,545	3,852	3,072	84,862
Grand Total	6,827	5,006	4,402	2,116	8,213	3,977	8,374	11,278	22,697	33,157	7,570	8,691	2,219	7,677	4,543	136,747

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>. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-10: Fiscal Year Enrollment by College and Career Cluster: 2009

	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	212	152	206	8	86	79	253	131	742	417	37	57	26	62	50	2,518
Architecture and Construction	190	90	232	203	88	93	91	59	408	734	159	154	100	73	32	2,706
Arts, A/V Technology and Communications	45	32	81	7	89	23	291	84	710	389	132	112	36		26	2,057
Business, Management and Administration	476	624	240	73	314	94	208	443	1,848	3,143	434	140	138	164	204	8,543
Education and Training	0	28	0	0	0	0	0	33	18	148	12	57	0	0	0	296
Finance	0	3	0	0	0	0	0	0	118	0	19	0	0	0	0	140
Government and Public Administration	4	0	0	0	0	0	0	0	111	514	0	0	0	0	0	629
Health Science	1,323	713	805	104	903	277	1,283	2,168	3,804	1,700	1,480	1,559	315	2,452	441	19,327
Hospitality and Tourism	0	16	75	0	44	0	0	132	381	372	0	95	0	56	0	1,171
Human Services	88	5	80	0	192	50	120	115	89	375	117	76	0	76	40	1,423
Information Technology	131	112	43	25	52	49	137	184	855	493	104	100	57	408	41	2,791
Law, Public Safety and Security	10	123	113	0	319	58	224	17	305	1,091	312	0	0	114	104	2,790
Manufacturing	65	131	39	102	393	50	409	333	1,107	387	131	80		466	126	3,819
Marketing, Sales and Service	69	18	17	1	0	14	86	0	331	634	42	77	0	0	0	1,289
Science, Technology, Engineering and Mathematics	26	17	11	0	42	0	164	247	192	0	16	57	0	32	2	806
Transportation, Distribution and Logistics	95	98	140	84	300	0	208	256	366	920	137	173	79	324	54	3,234
College Transfer (Parallel)	4,313	3,131	2,240	1,501	5,639	3,389	5,218	7,820	13,047	23,799	4,498	6,586	1,534	4,093	3,685	90,493
Total	7,047	5,293	4,322	2,108	8,461	4,176	8,692	12,022	24,432	35,116	7,630	9,323	2,285	8,320	4,805	144,032

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/>.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-11: Fiscal Year Enrollment by College and Career Cluster: 2010

	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	226	193	233	14	78	93	296	135	822	337	20	85	43	74	34	2,683
Architecture and Construction	227	88	234	236	84	77	101	189	494	357	257	73	89	120	56	2,682
Arts, A/V Technology and Communications	67	25	108	20	94	19	287	79	254	382	181	120	33		42	1,711
Business, Management and Administration	557	525	398	100	379	122	212	609	1,152	1,883	520	155	158	192	278	7,240
Education and Training	0	42	0	0	0	0	0	35	18	139	9	67	0	0	0	310
Finance	0	10	0	0	0	0	0	0	84	0	23	0	0	0	0	117
Government and Public Administration	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Health Science	1,555	686	949	203	903	324	1,310	2,431	3,673	1,260	1,663	1,457	201	2,437	525	19,577
Hospitality and Tourism	0	27	101	0	73	0	0	158	471	257	0	73	0	89	0	1,249
Human Services	151	9	105	0	366	62	114	171	137	1,168	137	59	0	87	47	2,613
Information Technology	167	122	62	25	41	50	165	211	803	438	107	87	73	472	45	2,868
Law, Public Safety and Security	6	148	135	0	323	41	255	23	274	1,218	351	0	0	135	121	3,030
Manufacturing	70	125	57	124	437	91	448	372	417	383	158	56	0	652	223	3,613
Marketing, Sales and Service	82	20	16	0	0	10	101	0	547	493	49	58	0	0	0	1,376
Science, Technology, Engineering and Mathematics	22	34	13	0	71	0	308	221	219	0	17	16	0	34	1	956
Transportation, Distribution and Logistics	114	75	192	69	276	0	297	303	260	400	145	156	58	458	66	2,869
College Transfer (Parallel)	4,773	3,525	2,454	1,765	5,843	3,571	5,905	8,977	17,059	28,586	4,559	5,871	1,658	3,962	3,792	102,300
Total	8,017	5,654	5,057	2,556	8,968	4,460	9,799	13,914	26,684	37,301	8,196	8,333	2,313	8,712	5,230	155,194

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/>. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-12: Fiscal Year Enrollment by College and Career Cluster: 2011

	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	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

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/>. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-13: Fiscal Year Enrollment by College and Age Groups: 2007

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	985	3,706	662	369	460	513	43	1	6,739
North Iowa Area	451	2,494	426	232	310	423	89	50	4,475
Iowa Lakes	861	2,351	423	271	322	282	25	46	4,581
Northwest	266	1,215	155	88	103	105	10	62	2,004
Iowa Central	1,319	4,150	647	344	442	396	30	128	7,456
Iowa Valley	453	2,182	359	222	292	297	188	30	4,023
Hawkeye	703	4,788	1,174	601	618	457	35	0	8,376
Eastern Iowa	881	5,241	1,491	966	1,363	1,055	88	29	11,114
Kirkwood	1,181	11,821	3,386	1,725	1,920	1,454	132	55	21,674
Des Moines Area	4,487	13,726	3,372	1,858	2,281	1,978	257	95	28,054
Western Iowa Tech	1,087	3,435	969	546	804	670	77	77	7,665
Iowa Western	825	3,868	728	441	549	443	32	2	6,888
Southwestern	178	1,083	183	101	165	144	14	0	1,868
Indian Hills	381	2,945	727	485	775	760	137	254	6,464
Southeastern	374	2,188	574	353	535	490	62	33	4,609
Total	14,432	65,193	15,276	8,602	10,939	9,467	1,219	862	125,990
% of Total	11%	52%	12%	7%	9%	8%	1%	1%	100%

NOTE: Each "|" denotes 500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-14: Fiscal Year Enrollment by College and Age Groups: 2008

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,017	3,808	680	392	475	409	45	1	6,827
North Iowa Area	567	2,593	397	271	349	428	78	35	4,718
Iowa Lakes	793	2,258	395	252	350	265	20	69	4,402
Northwest	313	1,259	165	92	120	109	15	43	2,116
Iowa Central	1,351	4,447	751	379	491	405	30	62	7,916
Iowa Valley	448	2,155	346	253	297	298	158	22	3,977
Hawkeye	843	4,864	1,091	550	563	429	33	1	8,374
Eastern Iowa	1,010	5,431	1,414	960	1,323	1,033	98	9	11,278
Kirkwood	1,254	11,771	3,211	1,728	1,911	1,441	121	24	21,461
Des Moines Area	4,704	14,451	3,616	1,929	2,460	2,054	289	70	29,573
Western Iowa Tech	1,099	3,471	895	548	740	662	55	100	7,570
Iowa Western	702	3,957	731	427	568	431	39	0	6,855
Southwestern	245	1,091	187	116	176	158	19	0	1,992
Indian Hills	507	3,078	719	461	739	704	137	199	6,544
Southeastern	364	2,130	563	372	544	483	48	39	4,543
Total	15,217	66,764	15,161	8,730	11,106	9,309	1,185	674	128,146
% of Total	12%	52%	12%	7%	9%	7%	1%	1%	100%

NOTE: Each “|” denotes 500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-15: Fiscal Year Enrollment by College and Age Groups: 2009

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,050	3,836	676	503	475	515	46	5	7,047
North Iowa Area	566	2,837	394	395	349	418	54	18	4,958
Iowa Lakes	753	2,194	388	386	350	267	30	34	4,322
Northwest	280	1,224	190	129	120	106	21	50	2,108
Iowa Central	1,281	4,571	743	567	491	454	45	50	8,161
Iowa Valley	539	2,198	359	339	297	321	166	19	4,176
Hawkeye	1,009	5,039	1,046	587	563	442	43	0	8,691
Eastern Iowa	1,260	5,425	1,417	1,336	1,323	1,032	114	6	11,609
Kirkwood	1,899	12,007	3,204	2,015	1,911	1,494	177	35	22,606
Des Moines Area	4,859	15,085	3,777	2,615	2,460	2,177	261	31	30,949
Western Iowa Tech	1,037	3,470	906	739	740	579	89	256	7,630
Iowa Western	755	4,266	772	585	568	404	42	1	7,299
Southwestern	296	1,065	165	195	176	164	22	0	2,037
Indian Hills	534	3,106	792	819	739	813	186	185	7,008
Southeastern	398	2,279	592	544	544	491	42	25	4,786
Total	16,516	68,602	15,421	11,754	11,106	9,677	1,338	715	133,387
% of Total	12.4%	51.4%	11.6%	8.8%	8.3%	7.3%	1.0%	0.5%	100.00%

Note: Each “|” denotes 500 students. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-16: Fiscal Year Enrollment by College and Age Groups: 2010

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	1,067	4,052	832	513	607	614	52	4	7,741
North Iowa Area	641	2,759	448	316	496	458	77	6	5,201
Iowa Lakes	711	2,435	418	320	434	364	51	41	4,774
Northwest	386	1,412	211	138	152	129	20	38	2,486
Iowa Central	1,240	4,588	783	537	760	636	76	37	8,657
Iowa Valley	509	2,415	375	272	363	401	106	19	4,460
Hawkeye	1,081	5,252	1,170	655	696	560	50	0	9,464
Eastern Iowa	1,680	5,979	1,666	1,177	1,548	1,261	135	6	13,452
Kirkwood	2,222	12,774	3,643	2,174	2,610	1,968	249	18	25,658
Des Moines Area	5,825	16,412	4,204	2,616	3,230	2,751	412	33	35,483
Western Iowa Tech	987	3,766	996	653	890	639	82	183	8,196
Iowa Western	767	4,609	941	535	710	493	42	0	8,097
Southwestern	330	1,100	189	155	213	190	34	0	2,211
Indian Hills	716	3,379	930	729	953	1,013	201	144	8,065
Southeastern	445	2,339	635	494	630	615	60	12	5,230
Total	18,607	73,271	17,441	11,284	14,292	12,092	1,647	541	149,175
% of Total	12.5%	49.1%	11.7%	7.6%	9.6%	8.1%	1.1%	0.4%	100.0%

Note: Each “|” denotes 500 students. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-17: Fiscal Year Enrollment by College and Age Groups: 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%	100.00%

NOTE: Each “|” denotes 500 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-18: Fiscal Year Enrollment by College and Gender: 2007-2011

College	2007			2008			2009			2010			2011			
	Male	Percent Female	Percent	Male	Percent Female	Percent	Male	Percent Female	Percent	Male	Percent Female	Percent	Male	Percent Female	Percent	
Northeast	2,716	40.3%	4,023	2,801	39.7%	4,246	2,801	39.7%	4,246	3,101	40.1%	4,640	2,947	39.3%	4,543	39.3%
North Iowa Area	1,965	43.9%	2,509	2,257	45.5%	2,701	2,257	45.5%	2,701	2,336	44.9%	2,865	2,195	44.0%	2,799	44.0%
Iowa Lakes	1,957	42.7%	2,624	1,853	43.2%	2,437	1,853	43.2%	2,437	2,080	44.0%	2,646	2,161	45.2%	2,620	45.2%
Northwest	887	44.3%	1,114	957	45.4%	1,150	957	45.4%	1,150	1,112	44.7%	1,374	1,109	43.8%	1,425	43.8%
Iowa Central	3,736	50.1%	3,720	3,911	48.0%	4,245	3,911	48.0%	4,245	4,216	48.7%	4,441	4,328	47.3%	4,829	47.3%
Iowa Valley	1,690	42.0%	2,333	1,757	42.1%	2,419	1,757	42.1%	2,419	1,963	44.0%	2,496	1,884	43.2%	2,473	43.2%
Hawkeye	3,576	42.7%	4,800	3,892	44.8%	4,798	3,892	44.8%	4,798	4,294	45.4%	5,170	4,321	44.1%	5,470	44.1%
Eastern Iowa	4,429	39.9%	6,685	4,857	41.8%	6,752	4,857	41.8%	6,752	5,776	42.9%	7,676	6,085	42.2%	8,338	42.2%
Kirkwood	9,832	45.5%	11,768	10,521	46.6%	12,060	10,521	46.6%	12,060	12,047	47.1%	13,523	12,243	46.7%	13,978	46.7%
Des Moines Area	12,362	44.1%	15,692	13,642	44.1%	17,307	13,642	44.1%	17,307	16,009	45.1%	19,474	17,443	45.8%	20,656	45.8%
Western Iowa Tech	3,206	41.8%	4,459	3,153	41.6%	4,418	3,153	41.6%	4,418	3,368	41.7%	4,700	3,620	41.2%	5,177	41.2%
Iowa Western	2,963	43.0%	3,925	3,118	42.7%	4,181	3,118	42.7%	4,181	3,546	43.8%	4,551	3,881	43.0%	5,153	43.0%
Southwestern	744	39.8%	1,124	754	37.0%	1,283	754	37.0%	1,283	793	35.9%	1,418	909	38.9%	1,426	38.9%
Indian Hills	2,465	39.2%	3,829	2,703	40.2%	4,025	2,703	40.2%	4,025	3,284	42.9%	4,375	3,230	41.5%	4,551	41.5%
Southeastern	1,661	36.0%	2,948	1,715	35.8%	3,070	1,715	35.8%	3,070	2,010	38.4%	3,220	1,971	39.4%	3,033	39.4%
Total	54,189	43.1%	71,553	57,891	43.0%	75,092	57,891	43.5%	75,092	65,935	44.4%	82,569	68,327	44.1%	86,471	55.9%

NOTE: Students with unknown gender were omitted from the chart. In fiscal year 2007: 258 (0.21%) did not report a gender; fiscal year 2008: 175 (0.14%); fiscal year 2009: 404 (0.3%); fiscal year 2010: 671 (0.5%); 2011: 342 (0.2%). Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-19: Fiscal Year Enrollment by College and Ethnicity/Race: 2007

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	18	35	93	58	6,116	419	6,739
North Iowa Area	9	52	155	105	4,035	119	4,475
Iowa Lakes	8	33	40	51	4,349	100	4,581
Northwest	5	5	8	23	1,821	142	2,004
Iowa Central	19	172	351	373	5,914	627	7,456
Iowa Valley	72	62	155	175	3,341	218	4,023
Hawkeye	33	110	661	137	7,297	138	8,376
Eastern Iowa	98	192	663	616	8,878	667	11,114
Kirkwood	183	445	1,015	461	17,708	1,862	21,674
Des Moines Area	112	990	1,516	918	22,167	2,351	28,054
Western Iowa Tech	112	153	161	438	5,675	1,126	7,665
Iowa Western	26	93	243	148	5,661	717	6,888
Southwestern	8	9	24	27	1,800	0	1,868
Indian Hills	36	49	80	130	5,799	370	6,464
Southeastern	16	61	156	140	4,054	182	4,609
Total	755	2,461	5,321	3,800	104,615	9,038	125,990

SOURCE: Iowa Department of Education, Division of Community Colleges, Community Colleges MIS.

Table 3-20: Fiscal Year Enrollment by College and Ethnicity/Race: 2008

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	7	40	112	75	6,219	374	6,827
North Iowa Area	11	57	161	114	4,261	114	4,718
Iowa Lakes	11	36	45	58	4,150	102	4,402
Northwest	6	16	9	32	1,922	131	2,116
Iowa Central	13	173	426	398	6,557	349	7,916
Iowa Valley	68	63	180	245	3,193	228	3,977
Hawkeye	32	114	606	127	7,408	87	8,374
Eastern Iowa	111	176	690	605	9,012	684	11,278
Kirkwood	150	456	1,049	437	17,277	2,092	21,461
Des Moines Area	114	1,103	1,758	1,021	23,914	1,663	29,573
Western Iowa Tech	112	138	142	402	5,072	1,704	7,570
Iowa Western	25	97	250	150	5,682	565	6,769
Southwestern	8	24	32	50	1,878	0	1,992
Indian Hills	61	62	83	125	5,844	369	6,544
Southeastern	20	61	161	135	3,953	211	4,541
Total	749	2,616	5,704	3,974	106,342	8,673	128,058

Source: Iowa Department of Education, Division of Community Colleges, Community Colleges MIS.

Table 3-21: Fiscal Year Enrollment by College and Ethnicity/Race: 2009

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	13	61	124	69	6,437	343	7,047
North Iowa Area	10	62	168	119	4,326	273	4,958
Iowa Lakes	11	41	105	66	3,982	117	4,322
Northwest	3	22	9	31	1,912	131	2,108
Iowa Central	14	116	435	363	6,828	405	8,161
Iowa Valley	70	66	222	295	3,120	403	4,176
Hawkeye	38	98	647	139	7,666	103	8,691
Eastern Iowa	107	197	709	683	9,095	818	11,609
Kirkwood	157	528	1,233	440	17,460	2,788	22,606
Des Moines Area	168	1,182	1,888	1,044	23,863	2,804	30,949
Western Iowa Tech	110	124	149	462	4,555	2,230	7,630
Iowa Western	27	105	359	166	6,070	572	7,299
Southwestern	13	24	46	43	1,899	12	2,037
Indian Hills	74	50	93	176	5,951	664	7,008
Southeastern	24	67	185	139	4,133	238	4,786
Total	839	2,743	6,372	4,235	107,297	11,901	133,387

SOURCE: Iowa Department of Education, Division of Community Colleges, Community Colleges MIS.

Table 3-22: Fiscal Year Enrollment by College and Ethnicity/Race: 2010

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or More Races	No Response	Total
Northeast	20	15	191	111	6,964	65	375	7,741
North Iowa Area	12	66	145	146	4,608	14	210	5,201
Iowa Lakes	16	59	112	109	4,313	2	163	4,774
Northwest	9	10	4	42	2,322	19	80	2,486
Iowa Central	28	157	594	406	7,137	80	255	8,657
Iowa Valley	58	49	240	291	3,038	22	762	4,460
Hawkeye	33	134	903	174	8,174	25	21	9,464
Eastern Iowa	95	277	943	798	10,453	74	812	13,452
Kirkwood	143	581	1,374	492	15,970	0	7,098	25,658
Des Moines Area	193	1,221	2,695	1,500	27,392	403	2,079	35,483
Western Iowa Tech	163	139	200	575	6,152	65	902	8,196
Iowa Western	59	70	532	234	6,675	54	473	8,097
Southwestern	12	21	34	53	2,046	12	33	2,211
Indian Hills	66	68	132	190	6,846	0	763	8,065
Southeastern	28	48	169	102	2,409	0	2,474	5,230
Total	935	2,915	8,268	5,223	114,499	835	16,500	149,175

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community Colleges MIS.

Table 3-23: Fiscal Year Enrollment by College and Ethnicity/Race: 2011

College	American		Asian/Pacific		White	Two or More Races	No Response	Total
	Indian	Islander	Black	Hispanic				
Northeast	13	25	171	111	6,835	53	282	7,490
North Iowa Area	17	59	166	146	4,446	38	122	4,994
Iowa Lakes	21	94	181	120	4,192	9	167	4,784
Northwest	8	17	11	61	2,313	27	97	2,534
Iowa Central	23	133	801	437	7,225	94	446	9,159
Iowa Valley	65	147	209	308	2,975	37	622	4,363
Hawkeye	32	143	997	202	8,366	50	1	9,791
Eastern Iowa	96	418	1,149	1,047	10,862	195	656	14,423
Kirkwood	105	589	1,186	417	12,270	14	11,641	26,222
Des Moines Area	197	1,214	3,187	1,729	28,493	649	2,630	38,099
Western Iowa Tech	210	186	271	797	6,072	0	1,266	8,802
Iowa Western	106	157	682	330	7,410	32	317	9,034
Southwestern	10	19	46	64	2,131	35	30	2,335
Indian Hills	64	75	181	171	6,771	13	831	8,106
Southeastern	31	75	224	188	4,305	56	125	5,004
Total	998	3,351	9,462	6,128	114,666	1,302	19,233	155,140

Source: Iowa Department of Education, Division of Community Colleges, Community Colleges MIS.

Table 3-24: Fiscal Year Enrollment by College and Residency: 2007

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	6,176	91.7%	552	8.2%	11	0.2%	6,739
North Iowa Area	4,195	93.7%	247	5.5%	33	0.7%	4,475
Iowa Lakes	4,143	48.3%	4,428	51.6%	10	0.1%	8,581
Northwest	1,913	95.5%	91	4.5%	0	0.0%	2,004
Iowa Central	6,905	92.6%	495	6.6%	59	0.8%	7,459
Iowa Valley	3,758	93.4%	173	4.3%	92	2.3%	4,023
Hawkeye	8,292	99.0%	57	0.7%	27	0.3%	8,376
Eastern Iowa	9,939	89.4%	1,103	9.9%	71	0.6%	11,113
Kirkwood	20,854	96.2%	536	2.5%	282	1.3%	21,672
Des Moines Area	27,475	97.7%	367	1.3%	278	1.0%	28,120
Western Iowa Tech	6,732	87.8%	933	12.2%	0	0.0%	7,665
Iowa Western	5,528	80.3%	1,274	18.5%	86	1.3%	6,888
Southwestern	1,771	94.8%	88	4.7%	9	0.5%	1,868
Indian Hills	6,125	94.8%	316	4.9%	23	0.4%	6,464
Southeastern	3,855	83.6%	722	15.7%	32	0.7%	4,609
Total	117,661	90.5%	11,382	8.8%	1,013	0.8%	130,056

NOTE: Eastern Iowa had one student with unknown residency and Kirkwood reported two students with an unknown residency.
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-25: Fiscal Year Enrollment by College and Residency: 2008

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	6,210	91.0%	600	8.8%	17	0.3%	6,827
North Iowa Area	4,424	93.8%	257	5.5%	37	0.8%	4,718
Iowa Lakes	3,991	90.7%	400	9.1%	11	0.3%	4,402
Northwest	1,960	93.3%	141	6.7%	0	0.0%	2,101
Iowa Central	7,164	90.5%	676	8.5%	79	1.0%	7,919
Iowa Valley	3,697	93.0%	184	4.6%	96	2.4%	3,977
Hawkeye	8,277	98.9%	66	0.8%	31	0.4%	8,374
Eastern Iowa	10,037	89.1%	1,154	10.2%	80	0.7%	11,271
Kirkwood	20,826	97.0%	454	2.1%	184	0.9%	21,464
Des Moines Area	28,901	97.6%	441	1.5%	279	0.9%	29,621
Western Iowa Tech	6,672	88.1%	898	11.9%	0	0.0%	7,570
Iowa Western	5,444	79.3%	1,305	19.0%	113	1.7%	6,862
Southwestern	1,879	94.3%	96	4.8%	17	0.9%	1,992
Indian Hills	6,170	94.3%	346	5.3%	28	0.4%	6,544
Southeastern	3,841	84.6%	670	14.8%	29	0.6%	4,540
Total	119,493	93.2%	7,688	6.0%	1,001	0.8%	128,182

Note: Northwest reported 15 students with an unknown residency, Southeastern reported three students without a residency, and Eastern Iowa reported seven students without a residency. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-26: Fiscal Year Enrollment by College and Residency: 2009

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	6,443	94.4%	590	8.6%	14	0.2%	6,827
North Iowa Area	4,621	97.9%	303	6.4%	34	0.7%	4,718
Iowa Lakes	4,322	98.2%	0	0.0%	0	0.0%	4,402
Northwest	1,955	93.1%	153	7.3%	0	0.0%	2,101
Iowa Central	7,301	92.2%	786	9.9%	90	1.1%	7,919
Iowa Valley	3,850	96.8%	205	5.2%	112	2.8%	3,977
Hawkeye	8,576	102.4%	72	0.9%	43	0.5%	8,374
Eastern Iowa	10,341	91.7%	1,168	10.4%	93	0.8%	11,271
Kirkwood	21,621	100.7%	644	3.0%	337	1.6%	21,464
Des Moines Area	30,209	102.0%	482	1.6%	316	1.1%	29,621
Western Iowa Tech	6,696	88.5%	934	12.3%	0	0.0%	7,570
Iowa Western	5,751	83.8%	1,401	20.4%	151	2.2%	6,862
Southwestern	1,897	95.2%	122	6.1%	18	0.9%	1,992
Indian Hills	6,596	100.8%	381	5.8%	31	0.5%	6,544
Southeastern	4,004	88.2%	746	16.4%	36	0.8%	4,540
Total	124,183	96.9%	7,987	6.2%	1,275	1.0%	128,182

NOTE: Iowa Valley reported 9 students with an unknown residency, Eastern Iowa reported seven students without a residency, and Kirkwood reported four students without a residency. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-27: Fiscal Year Enrollment by College and Residency: 2010

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	7,000	90.4%	726	9.4%	15	0.2%	7,741
North Iowa Area	4,939	95.0%	225	4.3%	37	0.7%	5,201
Iowa Lakes	4,164	87.2%	586	12.3%	24	0.5%	4,774
Northwest	2,323	93.4%	163	6.6%	0	0.0%	2,486
Iowa Central	7,615	87.7%	959	11.0%	106	1.2%	8,680
Iowa Valley	4,048	90.8%	266	6.0%	145	3.3%	4,459
Hawkeye	9,305	98.3%	87	0.9%	72	0.8%	9,464
Eastern Iowa	12,027	89.4%	1,345	10.0%	80	0.6%	13,452
Kirkwood	24,109	94.0%	1,190	4.6%	358	1.4%	25,657
Des Moines Area	34,687	97.6%	482	1.4%	360	1.0%	35,529
Western Iowa Tech	7,122	86.9%	1,074	13.1%	0	0.0%	8,196
Iowa Western	6,193	76.4%	1,764	21.8%	144	1.8%	8,101
Southwestern	2,092	94.6%	111	5.0%	8	0.4%	2,211
Indian Hills	7,642	94.8%	382	4.7%	41	0.5%	8,065
Southeastern	4,394	84.0%	803	15.4%	33	0.6%	5,230
Total	137,660	92.2%	10,163	6.8%	1,423	1.0%	149,246

Note: Iowa Valley reported one student with an unknown residency, Eastern Iowa also reported one student without a residency, and Kirkwood reported four students without a residency. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 3-28: Fiscal Year Enrollment by College and Residency: 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: "Percent of Row Total" denotes the proportion of students in each resident category for each college. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

4

ONLINE CREDIT ENROLLMENT AND DEMOGRAPHICS

The Iowa Department of Education has collected data on community college enrollment in online coursework since fiscal year 2007. The department defines online enrollment as students who enrolled in one or more courses delivered entirely (100%) online. Data on enrollment in courses delivered entirely or partially through other distance education delivery methods is not included in this report, but is expected in future years.

Nationally, over four million students enroll in online classes at community colleges (Parsad and Lewis, 2007). In Iowa, the number of students enrolled in online coursework continued to increase at a significant rate, rising 9.9 percent in fiscal year 2011 to 57,893 unduplicated students. More than a third of all community college students enrolled in one or more online courses during the fiscal year (Figure 4-1).

Students were also enrolling in more credit hours.

ONLINE CREDIT ENROLLMENT

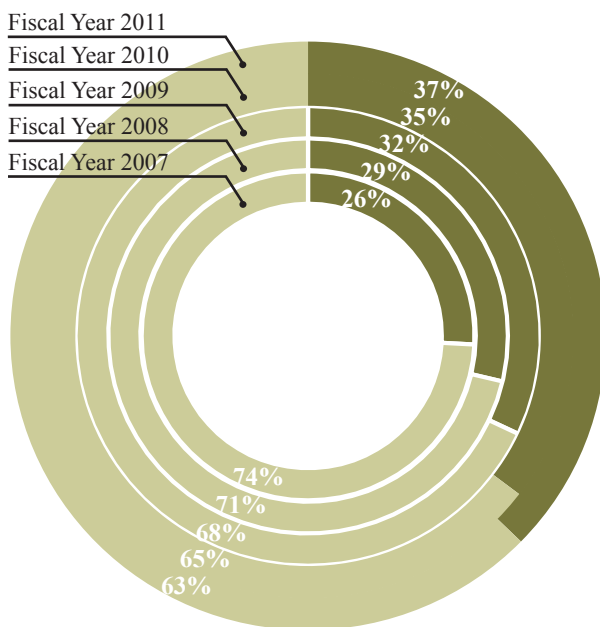
NUMBER OF STUDENTS: **57,893** GROWTH SINCE LAST YEAR: **9.9%**

CREDIT HOURS: **413,464** ONLINE CREDIT HOURS PER STUDENT: **2.7**
Up 13.6% since 2010. Up 11.0% since 2009.

ONLINE CREDIT HOURS PER STUDENT ENROLLED IN ONLINE COURSEWORK: **7.1** GROWTH SINCE LAST YEAR: **3.4%**

Community college students enrolled in online coursework enrolled in an average of 7.1 credit hours of online courses — 3.4 percent more than the previous year (Figure 4-3). Because more students are enrolling in online courses and each student is enrolling in more credit hours, the average number of online credit hours per college student rose 11.0 percent to 2.7 credit hours. In fiscal year 2011, 17.9 percent of credit hours were delivered online (Figure 4-2).

Figure 4-1: Fiscal Year Online Credit Enrollment: 2007-2011



- Enrolled in one or more online courses
- Not enrolled in online coursework

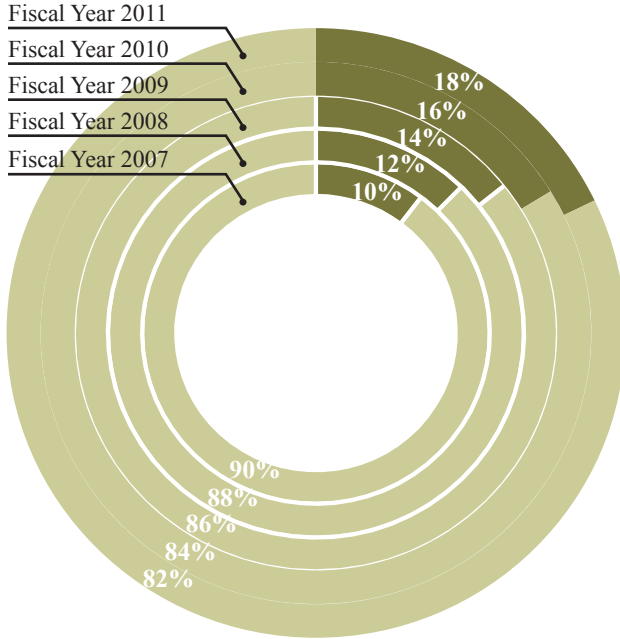
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges, Table 4-1.

Online Students in Programs

Enrollment in Iowa’s community colleges is disaggregated into four program types: college parallel, career option, career and technical education (CTE), and a combination. Nearly 64 percent of students in online coursework were enrolled in college parallel programs designed to articulate to a four-year institution (Figure 4-4). The program type with the second largest enrollment of students taking online coursework was CTE. In fiscal year 2011, 27 percent of students enrolling in online coursework were enrolled in a CTE program. While a smaller proportion of students taking online coursework were enrolled in CTE than the total student body, the number of CTE students taking one or more online courses has risen more than 90 percent since fiscal year 2007 -- faster than other program types.

Enrollment of CTE students in online coursework has increased; however when disaggregated by program major, there is significant variation between career clusters. As with total enrollment, the Health Sciences

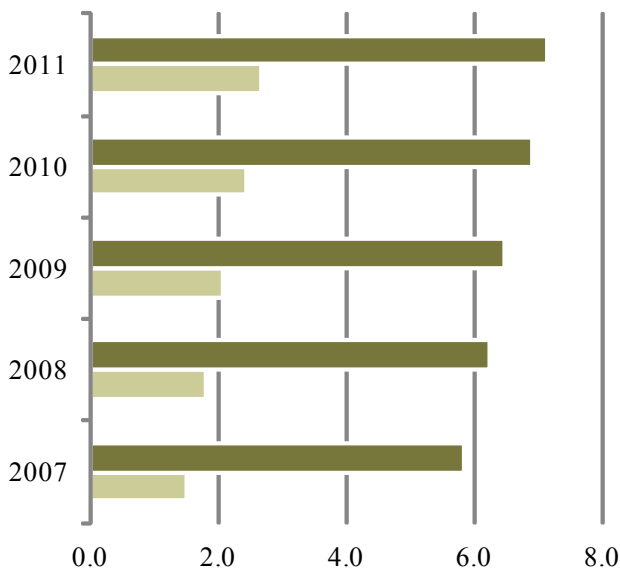
Figure 4-2: Fiscal Year Online Credit Hours: 2007-2011



- Online credit hours
- Credit hours delivered through other means

NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges, Table 4-2.

Figure 4-3: Average Online Credit Hours per Student: 2007-2011



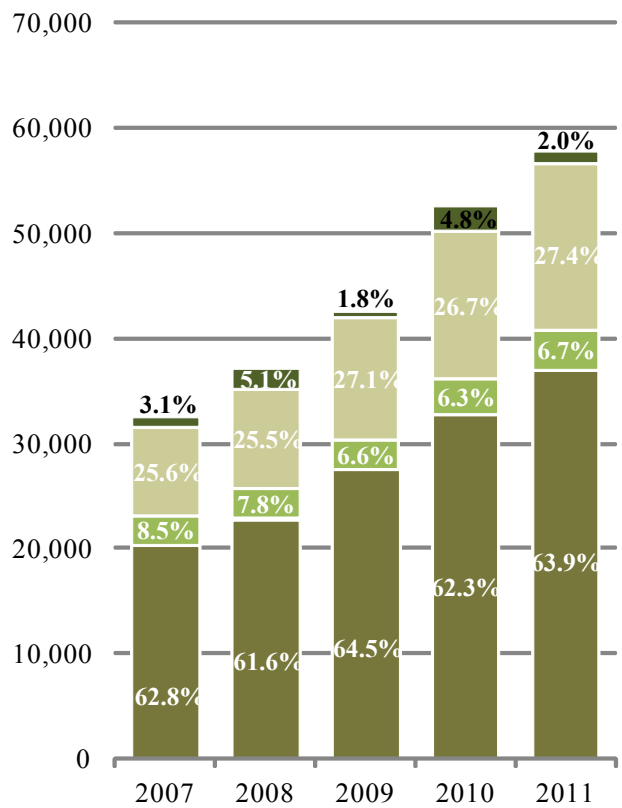
- Average Online Credit Hours per Student Enrolled in One or More Online Courses
- Average Online Credit Hours per Student

NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges.

cluster is the largest with 9,497 students enrolled in one or more online courses (Figure 4-5). The courses may or may not be within the cluster, but students within the program area are increasingly enrolling in online courses. The Human Services cluster had the largest percentage growth in online enrollment — increasing by more than a third over fiscal year 2010. Most other clusters also experienced significant growth in the number of students taking one or more online courses.

A review of credit hours delivered online shows a different trend (Figure 4-6). The Health Science career cluster had the largest number of credit hours, 67,280, delivered online (Table 4-7). The Human Services cluster had the largest share of credit hours delivered online (31.0 percent). Three career clusters had at least a fifth of total credit hours delivered online: Business, Management, and Administration; Finance; and Human Services. The Transportation, Distribution, and Logistics career cluster continued to have the smallest percentage of credit hours delivered online (2.0 percent) followed by Architecture and Construction (3.6 percent).

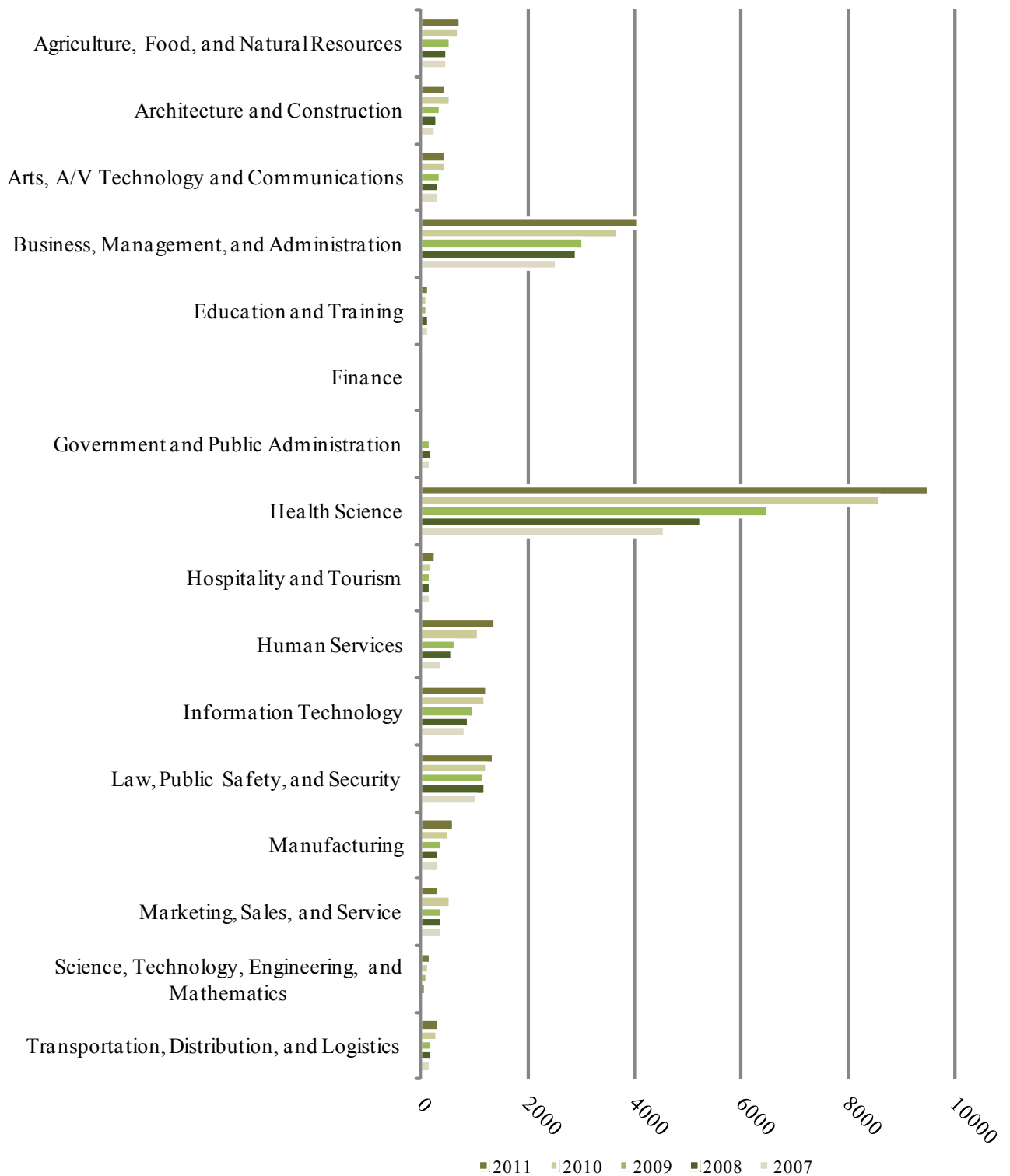
Figure 4-4: Online Credit Enrollment by Program Type: 2007-2011



- College Parallel
- Career Option
- CTE
- Combination

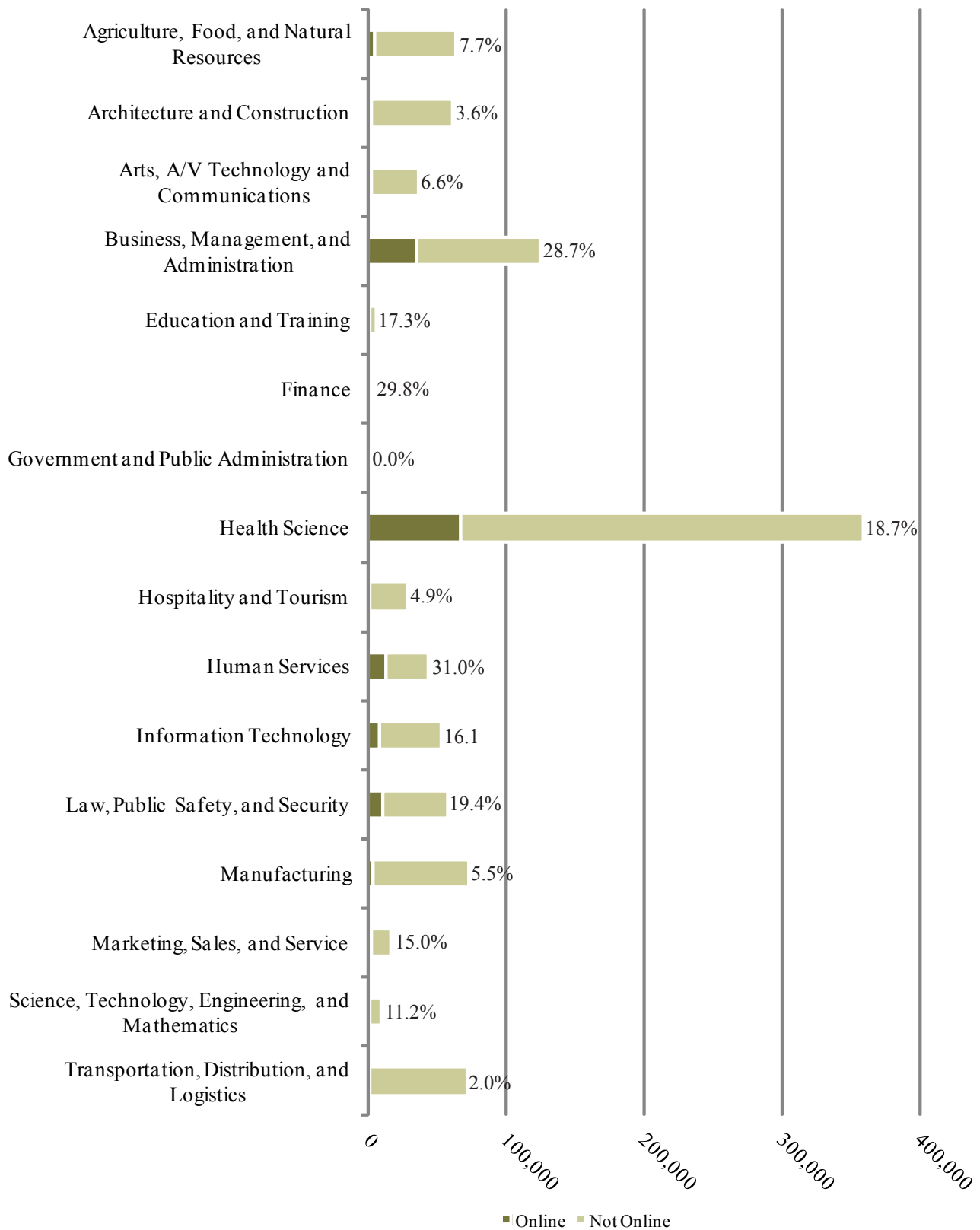
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-3 through 4-7.

Figure 4-5: Online Credit Career and Technical Education Enrollment (in one or more courses) by Career Cluster: 2007-2011



NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Table 4-9.

Figure 4-6: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2011



NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Table 4-10.

Jointly Enrolled Students

Jointly enrolled students are less likely to be enrolled in online coursework than the general student body. In fiscal year 2011, 12.9 percent of jointly enrolled students enrolled in one or more online courses compared with well over a third of the total student body (Figure 4-7). Additionally, only 8.2 percent of joint enrollment credit hours were delivered online compared with 17.9 percent of total credit hours (Figure 4-8).

Nationally, 29 percent of public two-year colleges offered distance education courses to high school students. In Iowa, all 15 community colleges offer online courses to jointly enrolled students.

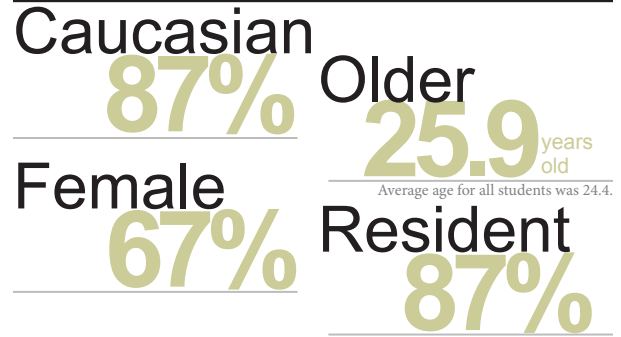
Online Student Demographics

The typical community college student taking online courses is female, 26 years old, and white. Compared with the overall student body, students taking online courses are more likely to be female, older (23-36 age group), and white, and less likely to be jointly enrolled in high school.

In fiscal year 2011, two thirds of students enrolled in online coursework were female compared to 56 percent of the total student body (Figure 4-9). The percentage of students enrolled in online coursework that were female increased slightly from fiscal year 2010.

Students enrolled in online coursework are older than the overall student body. The average age of students taking one or more online courses is 25.9 years old — a year and a half older than the average Iowa community college student. Students in their late 20s to early 40s enroll in online coursework at higher rates than older or

TYPICAL STUDENT TAKING ONLINE COURSEWORK

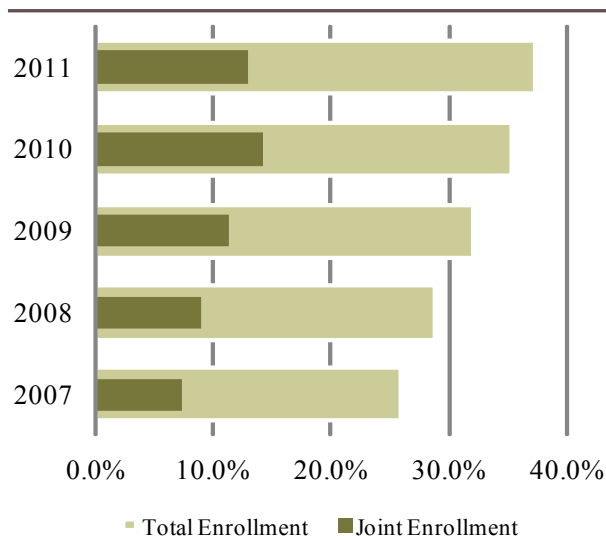


younger age groups (Figure 4-12).

As with the overall student body, students enrolling in online coursework are predominantly white. However, a smaller percentage of students with racial/ethnic minority backgrounds enrolled in online coursework than white students. Only 27.6 percent of Hispanic students and 33.5 percent of black students enrolled in online coursework compared with 39.5 percent of students identified as white (Figure 4-11). While students with minority racial/ethnic backgrounds enroll in online coursework at lower rates, the number is growing at a faster rate than for students identified as white.

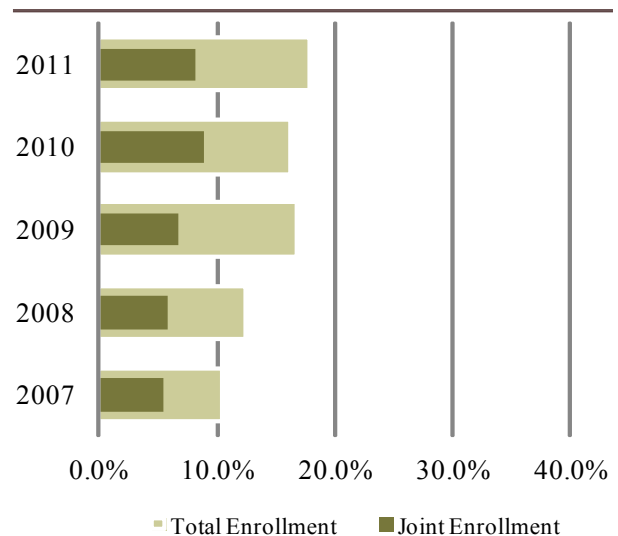
As with the overall student body, students taking online coursework are predominantly residents of Iowa. Approximately 87 percent of students taking one or more online courses are residents (Figure 4-10). However, the number of out-of-state students enrolling in online coursework increased 171 percent from fiscal year 2007.

Figure 4-7: Online Credit Joint Enrollment: 2007-2011



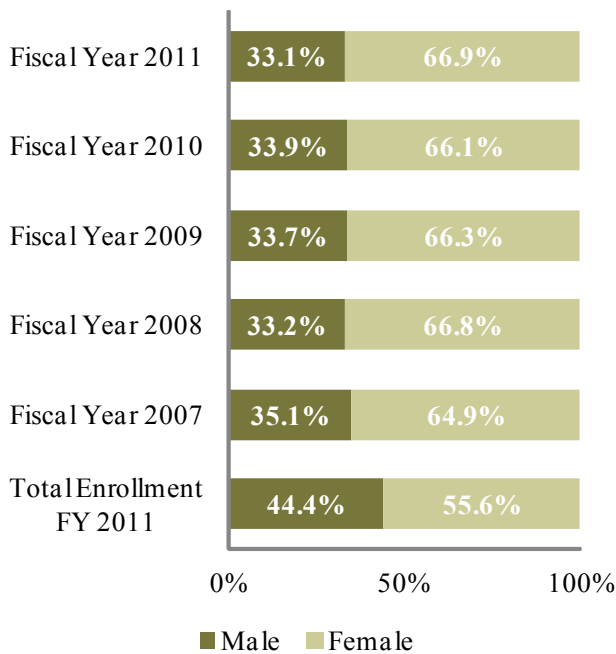
NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-11 through 4-15.

Figure 4-8: Online Credit Joint Enrollment: Credit Hours 2007-2011



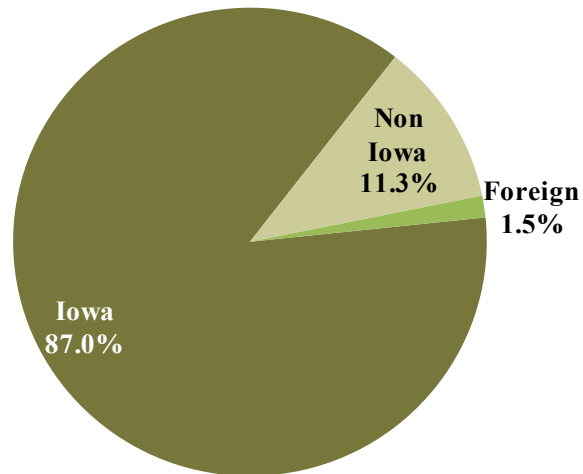
NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-11 through 4-15.

Figure 4-9: Online Credit Enrollment (taken one or more online courses) and Total Enrollment by Gender: 2007-2011



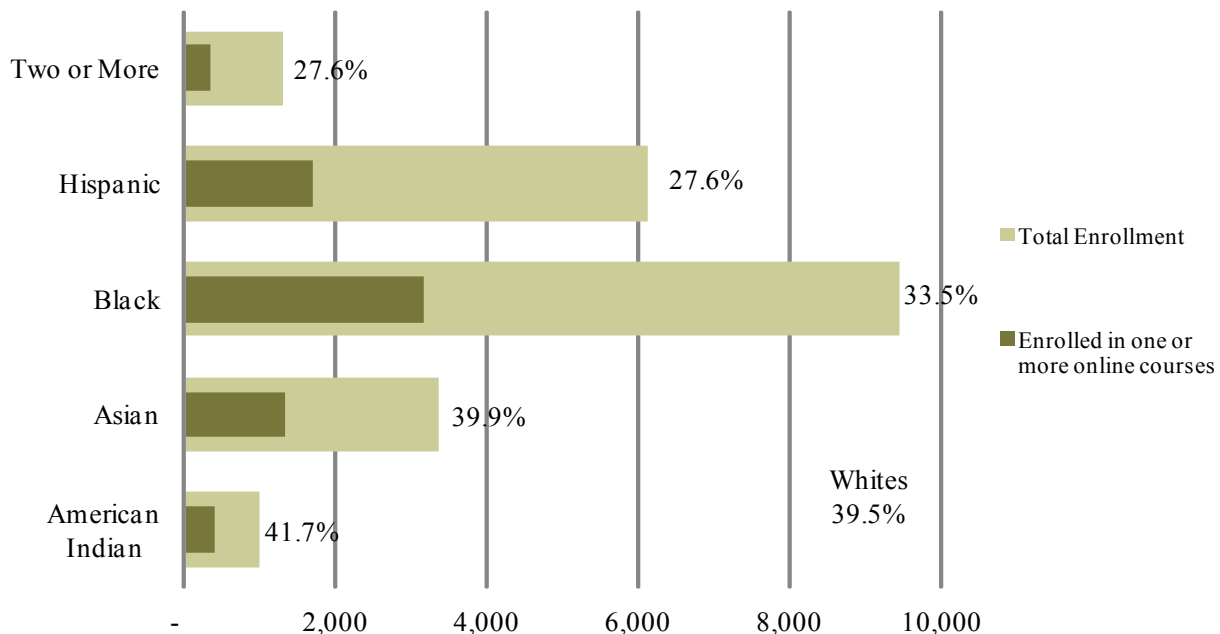
NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-16 through 4-20.

Figure 4-10: Online Credit Student Residency: 2011



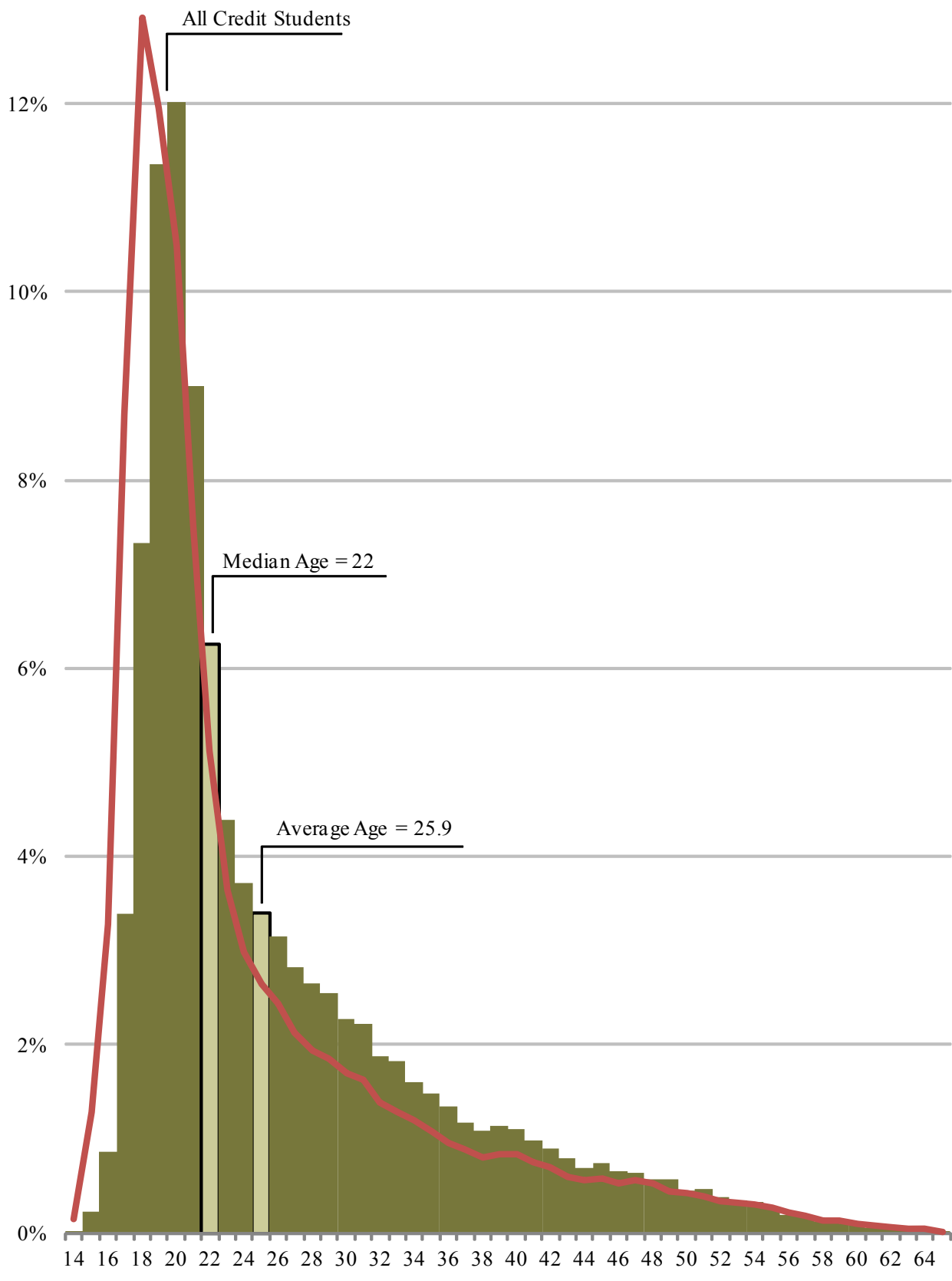
SOURCE: Iowa Department of Education, Division of Community Colleges, Table 4-35.

Figure 4-11: Online Credit Student (enrolled in one or more online courses) and Total Student Racial/Ethnic Background: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-26 through 4-30.

Figure 4-12: Online Credit Student (enrolling in one or more online courses) Age: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 4-21 through 4-25.

Table 4-1: Online Credit Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Avg. Annual Change FY 2007-FY 2011
Northeast	1,598	1,714	2,165	3,763	3,206	14.9%
North Iowa Area	1,772	1,995	2,280	2,637	2,540	7.5%
Iowa Lakes	1,367	1,459	1,555	1,806	2,068	8.6%
Northwest Iowa	743	835	867	1,068	1,256	11.1%
Iowa Central	2,475	2,923	3,397	3,818	4,302	11.7%
Iowa Valley	1,529	1,515	1,723	2,000	2,275	8.3%
Hawkeye	3,502	1,833	2,145	2,421	2,773	-4.6%
Eastern Iowa	3,088	3,814	4,428	5,268	6,411	15.7%
Kirkwood	5,091	4,951	5,706	6,952	7,265	7.4%
Des Moines Area	6,047	6,890	7,991	9,919	10,535	11.7%
Western Iowa Tech	0*	2,729	3,190	3,697	4,243	11.7%
Iowa Western	1,789	1,712	2,104	3,140	3,960	17.2%
Southwestern	605	932	1,088	1,269	1,488	19.7%
Indian Hills	1,573	1,938	2,362	2,888	3,417	16.8%
Southeastern	1,371	1,536	1,693	2,054	2,154	9.5%
Total	32,550	36,776	42,694	52,700	57,893	12.2%

NOTE: Each bar “|” denotes 500 enrollees. * WITCC did not report online enrollment in FY 2007; average change includes fiscal years 2008-2011 only. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-2: Credit Hours Delivered Online by College: 2007-2011

College	2007	2008	2009	2010	2011	Avg. Annual Change FY 2007-FY 2011
Northeast	7,779	9,445	12,780	26,402	23,985	25.3%
North Iowa Area	5,969	6,627	8,003	10,369	11,248	13.5%
Iowa Lakes	9,252	10,078	10,983	13,424	15,828	11.3%
Northwest Iowa	4,289	4,897	5,265	7,512	8,574	14.9%
Iowa Central	15,327	20,649	24,294	28,681	33,188	16.7%
Iowa Valley	9,332	9,636	11,464	13,708	16,088	11.5%
Hawkeye	19,228	9,397	11,033	12,819	15,035	-4.8%
Eastern Iowa	20,780	26,315	32,571	41,318	49,837	19.1%
Kirkwood	27,596	27,843	33,954	45,762	51,818	13.4%
Des Moines Area	37,380	44,650	53,913	69,047	74,203	14.7%
Western Iowa Tech	0*	20,578	23,471	28,569	33,530	13.0%
Iowa Western	12,310	11,598	14,976	22,689	28,863	18.6%
Southwestern	3,015	5,580	6,797	8,625	10,899	29.3%
Indian Hills	9,553	12,192	15,499	20,230	24,538	20.8%
Southeastern	8,473	10,439	11,594	14,838	15,830	13.3%
Total	190,282	229,923	276,597	363,991	413,464	16.8%

NOTE: Each bar “|” denotes 3,000 credit hours. * WITCC did not report online enrollment in FY 2007; average change includes fiscal years 2008-2011 only. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-3: Online Credit Enrollment by College and Program Type: 2007

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	720	8	870	0	1,598
North Iowa Area	1,177	265	226	104	1,772
Iowa Lakes	849	220	298	0	1,367
Northwest Iowa	587	48	108	0	743
Iowa Central	1,742	317	293	123	2,475
Iowa Valley	1,205	108	216	0	1,529
Hawkeye	2,462	0	1,040	0	3,502
Eastern Iowa	2,093	1	994	0	3,088
Kirkwood	2,719	508	1,864	0	5,091
Des Moines Area	3,740	1,034	937	336	6,047
Western Iowa Tech	0	0	0	0	0
Iowa Western	1,206	15	414	154	1,789
Southwestern	485	55	50	15	605
Indian Hills	632	21	650	270	1,573
Southeastern	832	152	387	0	1,371
Total	20,449	2,752	8,347	1,002	32,550

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-4: Online Credit Enrollment by College and Program Type: 2008

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	798	5	911	0	1,714
North Iowa Area	1,222	293	339	169	2,023
Iowa Lakes	933	187	339	0	1,459
Northwest Iowa	672	49	114	0	835
Iowa Central	2,000	451	365	125	2,941
Iowa Valley	1,225	97	193	0	1,515
Hawkeye	1,326	0	507	0	1,833
Eastern Iowa	2,612	0	1,202	0	3,814
Kirkwood	2,611	433	1,635	325	5,004
Des Moines Area	4,303	1,148	987	561	6,999
Western Iowa Tech	1,398	1	1,330	0	2,729
Iowa Western	1,120	12	445	160	1,737
Southwestern	708	78	115	31	932
Indian Hills	790	14	764	508	2,076
Southeastern	1,174	119	243	0	1,536
Total	22,892	2,887	9,489	1,879	37,147

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-5: Online Credit Enrollment by College and Program Type: 2009

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,010	3	1,152	0	1,714
North Iowa Area	1,459	308	472	41	2,023
Iowa Lakes	928	249	378	0	1,459
Northwest Iowa	711	37	119	0	835
Iowa Central	2,333	537	483	44	2,941
Iowa Valley	1,356	123	244	0	1,515
Hawkeye	1,525	0	620	0	1,833
Eastern Iowa	3,012	0	1,351	65	3,814
Kirkwood	3,477	176	1,975	78	5,004
Des Moines Area	5,398	1,181	1,198	214	6,999
Western Iowa Tech	1,649	5	1,536	0	2,729
Iowa Western	1,410	7	639	48	1,737
Southwestern	849	92	120	27	932
Indian Hills	1,067	12	1,047	236	2,076
Southeastern	1,368	102	223	0	1,536
Total	27,552	2,832	11,557	753	37,147

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-6: Online Credit Enrollment by College and Program Type: 2010

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	1,902	0	1,720	141	3,763
North Iowa Area	1,715	373	301	248	2,637
Iowa Lakes	951	352	385	118	1,806
Northwest Iowa	810	44	169	45	1,068
Iowa Central	2,403	608	628	179	3,818
Iowa Valley	1,543	144	313	0	2,000
Hawkeye	1,691	0	639	91	2,421
Eastern Iowa	3,358	0	1,702	208	5,268
Kirkwood	3,856	204	2,532	360	6,952
Des Moines Area	6,890	1,293	1,176	560	9,919
Western Iowa Tech	1,893	28	1,776	0	3,697
Iowa Western	2,037	4	994	105	3,140
Southwestern	1,001	98	113	57	1,269
Indian Hills	1,169	10	1,299	410	2,888
Southeastern	1,609	141	304	0	2,054
Total	32,828	3,299	14,051	2,522	52,700

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-7: Online Credit Enrollment by College and Program Type: 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

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-8: Online Credit Enrollment by College and Program Type (Proportion): 2011

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	50.5%	0.0%	47.9%	1.6%	100.0%
North Iowa Area	70.2%	15.1%	10.7%	4.0%	100.0%
Iowa Lakes	57.4%	18.7%	20.8%	3.0%	100.0%
Northwest Iowa	75.2%	4.5%	18.3%	2.0%	100.0%
Iowa Central	65.4%	18.1%	14.4%	2.1%	100.0%
Iowa Valley	79.8%	5.7%	14.5%	0.0%	100.0%
Hawkeye	72.3%	0.0%	26.8%	0.9%	100.0%
Eastern Iowa	64.2%	0.1%	33.6%	2.1%	100.0%
Kirkwood	54.9%	4.5%	38.7%	1.8%	100.0%
Des Moines Area	71.5%	14.1%	12.4%	2.1%	100.0%
Western Iowa Tech	52.8%	0.8%	46.4%	0.0%	100.0%
Iowa Western	65.9%	0.0%	32.7%	1.4%	100.0%
Southwestern	79.6%	7.7%	10.8%	1.9%	100.0%
Indian Hills	45.4%	0.4%	47.0%	7.2%	100.0%
Southeastern	74.0%	8.2%	17.8%	0.0%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-9: Online Credit Career & Technical Education Enrollment (in one or more online courses) by Career Cluster Program Major: 2007-2011

Career Cluster	2007	2008	2009	2010	2011	Avg. Annual Change FY 2007-2011
Agriculture, Food, and Natural Resources	478	472	555	695	741	9.16%
Architecture and Construction	269	295	343	534	436	10.14%
Arts, A/V Technology and Communications	314	316	368	446	456	7.75%
Business, Management, and Administration	2,548	2,911	3,031	3,691	4,061	9.77%
Education and Training	141	154	114	121	140	-0.14%
Finance	45	53	59	57	53	3.33%
Government and Public Administration	165	211	157	0	0	-100.00%
Health Science	4,553	5,247	6,495	8,615	9,497	15.84%
Hospitality and Tourism	156	163	166	201	271	11.68%
Human Services	386	569	650	1,083	1,388	29.17%
Information Technology	836	879	989	1,198	1,225	7.94%
Law, Public Safety, and Security	1,055	1,196	1,157	1,222	1,345	4.98%
Manufacturing	330	337	398	502	613	13.19%
Marketing, Sales, and Service	390	385	374	544	334	-3.05%
Science, Technology, Engineering, and Mathematics	62	90	121	152	186	24.57%
Transportation, Distribution, and Logistics	179	197	214	293	322	12.46%
Total	11,907	13,475	15,191	19,354	21,068	12.09%

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-10: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2011

Career Cluster	Credit Hours		Percentage of Total
	Delivered Online	Total Delivered	
Agriculture, Food, and Natural Resources	4,938	64,207	7.7%
Architecture and Construction	2,185	60,884	3.6%
Arts, A/V Technology and Communications	2,396	36,486	6.6%
Business, Management, and Administration	35,810	124,905	28.7%
Education and Training	980	5,674	17.3%
Finance	492	1,653	29.8%
Government and Public Administration	0	0	--
Health Science	67,248	359,515	18.7%
Hospitality and Tourism	1,372	28,268	4.9%
Human Services	13,507	43,608	31.0%
Information Technology	8,489	52,634	16.1%
Law, Public Safety, and Security	11,108	57,384	19.4%
Manufacturing	4,015	73,403	5.5%
Marketing, Sales, and Service	2,478	16,514	15.0%
Science, Technology, Engineering, and Mathematics	1,110	9,927	11.2%
Transportation, Distribution, and Logistics	1,416	71,860	2.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-11: Online Joint Enrollment and Credit Hours, by College: 2007

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	131	5.2%	455	2.9%
North Iowa Area	107	10.1%	465	5.8%
Iowa Lakes	235	24.2%	1,125	13.0%
Northwest	152	21.0%	727	13.2%
Iowa Central	597	18.2%	2,632	10.9%
Iowa Valley	139	12.6%	609	7.5%
Hawkeye	84	5.4%	301	3.7%
Eastern Iowa	241	9.1%	1,280	7.0%
Kirkwood	185	7.4%	775	4.9%
Des Moines Area	186	2.0%	793	1.3%
Western Iowa Tech*	0	0.0%	0	0.0%
Iowa Western	10	0.5%	35	0.2%
Southwestern	126	19.5%	408	8.5%
Indian Hills	84	8.8%	271	4.9%
Southeastern	133	17.8%	596	13.7%
Total	2,410	7.5%	10,472	4.7%

NOTE: *WITCC did not report online enrollment in FY 2007.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-12: Online Joint Enrollment and Credit Hours, by College: 2008

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	150	5.6%	654	3.6%
North Iowa Area	167	13.2%	614	6.7%
Iowa Lakes	298	15.7%	1,570	12.1%
Northwest	168	25.2%	723	14.1%
Iowa Central	666	19.6%	2,949	11.2%
Iowa Valley	167	14.5%	759	9.7%
Hawkeye	104	5.7%	419	4.2%
Eastern Iowa	216	9.2%	920	7.8%
Kirkwood	271	9.6%	1,052	7.4%
Des Moines Area	218	2.2%	955	1.3%
Western Iowa Tech	163	8.7%	898	7.0%
Iowa Western	4	0.2%	12	0.1%
Southwestern	245	32.6%	1,119	21.3%
Indian Hills	81	6.9%	262	3.4%
Southeastern	175	20.0%	752	15.5%
Total	3,093	9.1%	13,658	5.8%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-13: Online Joint Enrollment and Credit Hours, by College: 2009

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	312	10.9%	654	4.9%
North Iowa Area	194	14.2%	614	7.6%
Iowa Lakes	307	21.5%	1,570	13.8%
Northwest	114	23.3%	723	12.7%
Iowa Central	746	25.5%	2,949	13.8%
Iowa Valley	180	16.0%	759	10.6%
Hawkeye	161	9.0%	419	6.0%
Eastern Iowa	290	11.6%	920	8.8%
Kirkwood	298	8.7%	1,052	6.4%
Des Moines Area	301	3.2%	955	1.8%
Western Iowa Tech	227	12.6%	898	9.7%
Iowa Western	4	0.2%	12	0.1%
Southwestern	309	47.8%	1,119	26.2%
Indian Hills	105	9.3%	262	5.2%
Southeastern	258	29.4%	752	23.9%
Total	3,806	11.3%	13,658	6.8%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-14: Online Joint Enrollment and Credit Hours, by College: 2010

College	Enrollment in One or More Online Courses	% of Total Joint Enrollment	Credit Hours Delivered Online	% of Total Joint Enrollment Credit Hours
Northeast Iowa	568	22.9%	2,511	12.7%
North Iowa Area	230	16.2%	897	8.5%
Iowa Lakes	300	20.6%	1,558	13.0%
Northwest	173	19.4%	1,025	15.7%
Iowa Central	723	26.0%	3,396	14.3%
Iowa Valley	204	17.8%	944	10.3%
Hawkeye	113	6.0%	484	4.4%
Eastern Iowa	872	20.0%	5,258	13.3%
Kirkwood	342	8.6%	1,413	6.0%
Des Moines Area	630	5.7%	3,146	3.3%
Western Iowa Tech	501	25.8%	2,502	19.4%
Iowa Western	83	4.7%	328	1.9%
Southwestern	327	47.9%	1,446	27.4%
Indian Hills	107	7.3%	420	3.5%
Southeastern	295	30.4%	1,756	25.1%
Total	5,468	14.3%	27,084	8.9%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-15: Online Joint Enrollment and Credit Hours, by College: 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	1.0%
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	6.0%
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%	24,838	8.2%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-16: Online Credit Enrollment by Gender, by College: 2007

College	Male	Female	Unknown	Total	Percentage Female
Northeast Iowa	505	1,093	0	1,598	68.4%
North Iowa Area	811	961	0	1,772	54.2%
Iowa Lakes	391	976	0	1,367	71.4%
Northwest	239	503	1	743	67.8%
Iowa Central	1,054	1,421	0	2,475	57.4%
Iowa Valley	485	1,044	0	1,529	68.3%
Hawkeye	1,483	2,019	0	3,502	57.7%
Eastern Iowa	919	2,169	0	3,088	70.2%
Kirkwood	1,909	3,181	1	5,091	62.5%
Des Moines Area	2,101	3,946	0	6,047	65.3%
Western Iowa Tech*	0	0	0	0	--
Iowa Western	593	1,196	0	1,789	66.9%
Southwestern	183	422	0	605	69.8%
Indian Hills	393	1,176	4	1,573	75.0%
Southeastern	369	1,002	0	1,371	73.1%
Total	11,435	21,109	6	32,550	64.9%

NOTE: *WITCC did not report online enrollment in FY 2007.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-17: Online Credit Enrollment by Gender, by College: 2008

College	Male	Female	Unknown	Total	Percentage Female
Northeast Iowa	538	1,176	0	1,714	68.6%
North Iowa Area	915	1,080	0	1,995	54.1%
Iowa Lakes	414	1,034	11	1,459	71.4%
Northwest	292	539	4	835	64.9%
Iowa Central	1,133	1,790	0	2,923	61.2%
Iowa Valley	512	1,003	0	1,515	66.2%
Hawkeye	650	1,183	0	1,833	64.5%
Eastern Iowa	1,167	2,647	0	3,814	69.4%
Kirkwood	1,809	3,142	0	4,951	63.5%
Des Moines Area	2,332	4,558	0	6,890	66.2%
Western Iowa Tech	766	1,963	0	2,729	71.9%
Iowa Western	498	1,214	0	1,712	70.9%
Southwestern	290	642	0	932	68.9%
Indian Hills	472	1,461	5	1,938	75.6%
Southeastern	406	1,130	0	1,536	73.6%
Total	12,194	24,562	20	36,776	66.8%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-18: Online Credit Enrollment by Gender, by College: 2009

College	Male	Female	Unknown	Total	Percentage Female
Northeast Iowa	655	1,510	0	2,165	69.7%
North Iowa Area	1,051	1,229	0	2,280	53.9%
Iowa Lakes	463	1,084	8	1,555	70.1%
Northwest	296	570	1	867	65.8%
Iowa Central	1,256	2,140	1	3,397	63.0%
Iowa Valley	623	1,100	0	1,723	63.8%
Hawkeye	725	1,420	0	2,145	66.2%
Eastern Iowa	1,368	3,060	0	4,428	69.1%
Kirkwood	2,069	3,635	2	5,706	63.7%
Des Moines Area	2,808	5,183	0	7,991	64.9%
Western Iowa Tech	932	2,247	11	3,190	70.7%
Iowa Western	681	1,423	0	2,104	67.6%
Southwestern	325	763	0	1,088	70.1%
Indian Hills	632	1,721	9	2,362	73.1%
Southeastern	491	1,202	0	1,693	71.0%
Total	14,375	28,287	32	42,694	66.3%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-19: Online Credit Enrollment by Gender, by College: 2010

College	Male	Female	Unknown	Total	Percentage Female
Northeast Iowa	1,270	2,493	0	3,763	66.3%
North Iowa Area	1,237	1,400	0	2,637	53.1%
Iowa Lakes	576	1,221	9	1,806	67.9%
Northwest	327	741	0	1,068	69.4%
Iowa Central	1,392	2,426	0	3,818	63.5%
Iowa Valley	715	1,285	0	2,000	64.3%
Hawkeye	840	1,581	0	2,421	65.3%
Eastern Iowa	1,671	3,597	0	5,268	68.3%
Kirkwood	2,407	4,536	9	6,952	65.3%
Des Moines Area	3,459	6,460	0	9,919	65.1%
Western Iowa Tech	1,073	2,592	32	3,697	70.7%
Iowa Western	1,096	2,044	0	3,140	65.1%
Southwestern	365	904	0	1,269	71.2%
Indian Hills	780	2,094	14	2,888	72.9%
Southeastern	631	1,423	0	2,054	69.3%
Total	17,839	34,797	64	52,700	66.1%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-20: Online Credit Enrollment by Gender, by College: 2011

College	Male	Female	Unknown	Total	Percentage Female
Northeast Iowa	901	2,305	0	3,206	71.9%
North Iowa Area	1,106	1,434	0	2,540	56.5%
Iowa Lakes	664	1,403	1	2,068	67.9%
Northwest	402	854	0	1,256	68.0%
Iowa Central	1,471	2,829	2	4,302	65.8%
Iowa Valley	809	1,464	2	2,275	64.4%
Hawkeye	945	1,828	0	2,773	65.9%
Eastern Iowa	2,004	4,407	0	6,411	68.7%
Kirkwood	2,393	4,872	0	7,265	67.1%
Des Moines Area	3,654	6,881	0	10,535	65.3%
Western Iowa Tech	1,240	3,003	0	4,243	70.8%
Iowa Western	1,405	2,555	0	3,960	64.5%
Southwestern	467	1,021	0	1,488	68.6%
Indian Hills	993	2,398	26	3,417	70.7%
Southeastern	717	1,437	0	2,154	66.7%
Total	19,171	38,691	31	57,893	66.9%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-21: Online Credit Enrollment by College and Age: 2007

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Un-known	Total	Average Age	Median Age
Northeast Iowa	55	761	252	140	192	185	12	1	1,598	26.3	22
North Iowa Area	55	1,189	170	89	123	135	6	5	1,772	23.6	20
Iowa Lakes	114	662	180	130	158	115	6	2	1,367	25.0	21
Northwest	42	470	76	42	49	44	6	14	743	23.3	20
Iowa Central	222	1,318	279	174	230	217	5	30	2,475	25.2	21
Iowa Valley	63	844	192	120	161	135	8	6	1,529	25.0	21
Hawkeye	38	2,230	526	270	268	157	13	0	3,502	23.7	21
Eastern Iowa	50	1,352	480	338	487	352	23	6	3,088	27.1	23
Kirkwood	68	2,607	908	557	574	359	18	0	5,091	25.3	22
Des Moines Area	78	2,878	1,134	632	739	527	44	15	6,047	26.1	23
Western Iowa Tech*	0	0	0	0	0	0	0	0	0	0.0	0
Iowa Western	2	927	276	183	239	155	7	0	1,789	25.9	22
Southwestern	51	332	73	33	72	41	3	0	605	24.2	21
Indian Hills	44	689	229	134	256	195	17	9	1,573	27.3	23
Southeastern	66	625	190	123	187	149	20	11	1,371	26.6	22
Total	948	16,884	4,965	2,965	3,735	2,766	188	99	32,550	25.5	22

NOTE: *WITCC did not report online enrollment in FY 2007.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-22: Online Credit Enrollment by College and Age: 2008

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Un-known	Total	Average Age	Median Age
Northeast Iowa	408	645	212	116	170	144	10	9	1,714	25.8	22
North Iowa Area	818	695	148	77	131	120	5	1	1,995	23.5	20
Iowa Lakes	462	478	158	114	138	98	2	9	1,459	24.8	21
Northwest	313	322	52	44	50	34	4	16	835	23.0	20
Iowa Central	1,022	920	292	175	275	203	9	27	2,923	24.5	21
Iowa Valley	478	533	135	108	127	120	7	7	1,515	25.0	21
Hawkeye	419	939	174	113	106	74	4	4	1,833	23.7	21
Eastern Iowa	694	1,403	505	344	488	361	12	7	3,814	26.9	23
Kirkwood	923	2,141	688	403	511	262	11	12	4,951	25.3	22
Des Moines Area	1,051	3,042	946	567	766	470	37	11	6,890	26.1	23
Western Iowa Tech	627	938	360	223	318	239	8	16	2,729	26.3	23
Iowa Western	249	757	207	152	201	141	5	0	1,712	26.3	23
Southwestern	358	277	83	51	99	57	5	2	932	24.4	20
Indian Hills	481	637	231	153	238	178	13	7	1,938	26.5	22
Southeastern	381	506	180	125	196	134	6	8	1,536	26.3	22
Total	8,684	14,233	4,371	2,765	3,814	2,635	138	136	36,776	25.5	21

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-23: Online Credit Enrollment by College and Age: 2009

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Un-known	Total	Average Age	Median Age
Northeast Iowa	76	1,045	329	195	259	242	18	1	2,165	26.3	22
North Iowa Area	67	1,536	196	134	178	160	8	1	2,280	23.6	20
Iowa Lakes	132	710	187	151	222	133	13	7	1,555	25.4	22
Northwest	41	513	102	62	71	54	10	14	867	24.1	21
Iowa Central	306	1,724	395	284	375	282	21	10	3,397	24.7	21
Iowa Valley	72	960	193	129	191	157	17	4	1,723	25.2	21
Hawkeye	64	1,377	304	148	153	93	6	0	2,145	23.3	21
Eastern Iowa	94	1,981	658	496	662	501	34	2	4,428	26.9	23
Kirkwood	122	2,794	984	615	703	462	24	2	5,706	25.6	22
Des Moines Area	132	3,800	1,501	861	1,012	631	51	3	7,991	25.9	23
Western Iowa Tech	167	1,395	495	316	453	300	36	28	3,190	26.2	23
Iowa Western	2	1,059	343	241	295	153	11	0	2,104	25.8	22
Southwestern	132	556	93	75	130	91	11	0	1,088	24.5	20
Indian Hills	52	1,079	341	227	348	288	22	5	2,362	26.9	23
Southeastern	104	793	219	169	222	171	8	7	1,693	25.8	22
Total	1,563	21,322	6,340	4,103	5,274	3,718	290	84	42,694	25.4	22

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-24: Online Credit Enrollment by College and Age: 2010

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Un-known	Total	Average Age	Median Age
Northeast Iowa	236	1,833	518	332	394	414	35	1	3,763	25.7	22
North Iowa Area	102	1,591	251	186	260	219	28	0	2,637	24.7	20
Iowa Lakes	125	817	218	198	236	187	20	5	1,806	26.2	22
Northwest	36	604	147	87	95	80	12	7	1,068	24.7	21
Iowa Central	303	1,777	442	354	501	395	33	13	3,818	25.8	21
Iowa Valley	100	1,080	229	151	217	204	19	0	2,000	25.4	21
Hawkeye	34	1,513	370	184	204	101	15	0	2,421	23.9	21
Eastern Iowa	125	2,282	849	592	787	586	45	2	5,268	26.9	23
Kirkwood	149	2,934	1,233	843	1,081	650	61	1	6,952	26.8	24
Des Moines Area	256	4,459	1,754	1,073	1,376	924	73	4	9,919	26.3	23
Western Iowa Tech	225	1,605	577	368	534	341	37	10	3,697	26.1	23
Iowa Western	40	1,598	504	316	398	269	15	0	3,140	25.7	22
Southwestern	173	590	123	98	145	122	18	0	1,269	25.1	20
Indian Hills	51	1,147	446	353	447	390	48	6	2,888	28.0	24
Southeastern	131	900	272	210	283	240	15	3	2,054	26.5	22
Total	2,086	24,730	7,933	5,345	6,958	5,122	474	52	52,700	25.8	22

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-25: Online Credit Enrollment by College and Age: 2011

College	14-17	18-22	23-26	27-30	31-39	40-55	Over 55	Un-known	Total	Average Age	Median Age
Northeast Iowa	185	1,506	447	291	387	339	43	8	3,206	26.1	22
North Iowa Area	108	1,500	257	155	281	218	20	1	2,540	24.7	20
Iowa Lakes	183	924	257	207	262	203	27	5	2,068	25.9	22
Northwest	81	697	138	103	117	95	14	11	1,256	24.5	21
Iowa Central	401	1,873	480	387	606	486	47	22	4,302	26.1	22
Iowa Valley	124	1,263	232	168	263	208	14	3	2,275	25.1	21
Hawkeye	60	1,638	420	223	256	164	12	0	2,773	24.3	21
Eastern Iowa	213	2,799	1,014	697	963	660	65	0	6,411	26.7	23
Kirkwood	133	2,994	1,245	924	1,150	755	63	1	7,265	27.1	24
Des Moines Area	337	4,501	1,808	1,260	1,512	1,014	100	3	10,535	26.6	23
Western Iowa Tech	264	1,773	667	429	623	437	46	4	4,243	26.4	23
Iowa Western	82	2,012	604	393	512	333	24	0	3,960	25.7	22
Southwestern	169	735	143	105	183	139	14	0	1,488	25.1	21
Indian Hills	109	1,428	475	387	546	427	41	4	3,417	27.4	24
Southeastern	160	937	294	231	288	222	20	2	2,154	26.1	22
Total	2,609	26,580	8,481	5,960	7,949	5,700	550	64	57,893	25.9	22

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-26: Online Credit Enrollment by College and Racial/Ethnic Background: 2007

College	American Indian	Asian	Black	Hispanic	White	Not Given	Total
Northeast Iowa	7	8	27	17	1,433	106	1,598
North Iowa Area	3	25	91	37	1,568	48	1,772
Iowa Lakes	2	8	14	12	1,308	23	1,367
Northwest	2	3	5	5	687	41	743
Iowa Central	6	56	111	46	2,107	149	2,475
Iowa Valley	22	30	49	46	1,319	63	1,529
Hawkeye	7	50	276	64	3,038	67	3,502
Eastern Iowa	21	44	152	118	2,568	185	3,088
Kirkwood	50	98	270	89	4,229	355	5,091
Des Moines Area	20	237	206	169	4,995	420	6,047
Western Iowa Tech*	0	0	0	0	0	0	0
Iowa Western	7	21	41	33	1,521	149	1,789
Southwestern	5	5	7	8	580	0	605
Indian Hills	6	17	25	23	1,477	25	1,573
Southeastern	5	14	38	22	1,231	61	1,371
Total	163	616	1,312	689	28,061	1,692	32,550

NOTE: *WITCC did not report online enrollment in FY 2007.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-27: Online Credit Enrollment by College and Racial/Ethnic Background: 2008

College	American Indian	Asian	Black	Hispanic	White	Not Given	Total
Northeast Iowa	2	10	19	21	1,553	109	1,714
North Iowa Area	6	14	104	47	1,747	77	1,995
Iowa Lakes	2	15	15	14	1,376	37	1,459
Northwest	3	11	7	13	747	54	835
Iowa Central	5	56	151	69	2,522	120	2,923
Iowa Valley	23	21	57	56	1,277	81	1,515
Hawkeye	6	20	84	22	1,681	20	1,833
Eastern Iowa	37	45	181	139	3,219	193	3,814
Kirkwood	36	99	270	84	4,099	363	4,951
Des Moines Area	25	286	296	199	5,766	318	6,890
Western Iowa Tech	25	45	44	75	2,182	358	2,729
Iowa Western	6	20	43	31	1,508	88	1,712
Southwestern	3	14	17	19	879	0	932
Indian Hills	16	14	28	34	1,831	15	1,938
Southeastern	4	14	44	36	1,366	70	1,536
Total	199	684	1,360	859	31,753	1,903	36,776

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-28: Online Credit Enrollment by College and Racial/Ethnic Background: 2009

College	American Indian	Asian	Black	Hispanic	White	Not Given	Total
Northeast Iowa	2	13	33	22	1,981	114	2,165
North Iowa Area	4	26	118	58	1,926	148	2,280
Iowa Lakes	4	22	28	13	1,445	43	1,555
Northwest	2	16	6	14	789	40	867
Iowa Central	8	50	162	78	2,869	230	3,397
Iowa Valley	28	27	79	84	1,367	138	1,723
Hawkeye	10	28	118	31	1,935	23	2,145
Eastern Iowa	39	67	200	173	3,711	238	4,428
Kirkwood	36	112	387	96	4,458	617	5,706
Des Moines Area	35	341	330	187	6,287	811	7,991
Western Iowa Tech	37	38	53	97	2,230	729	3,190
Iowa Western	6	32	70	45	1,860	65	2,104
Southwestern	7	12	28	20	1,013	8	1,088
Indian Hills	16	19	42	43	2,184	58	2,362
Southeastern	8	15	47	33	1,523	64	1,693
Total	242	818	1,701	994	35,578	3,326	42,694

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-29: Online Credit Enrollment by College and Racial/Ethnic Background: 2010

College	American Indian	Asian or Pacific Islander	Black	Hispanic	White	Two or More	Not Given	Total
Northeast Iowa	13	9	92	56	3,376	33	184	3,763
North Iowa Area	6	29	97	67	2,258	6	174	2,637
Iowa Lakes	4	35	58	26	1,630	1	52	1,815
Northwest	4	3	3	15	994	15	34	1,068
Iowa Central	6	68	257	96	3,231	25	135	3,818
Iowa Valley	26	33	100	91	1,464	12	274	2,000
Hawkeye	8	38	181	39	2,145	5	5	2,421
Eastern Iowa	36	142	272	260	4,287	15	256	5,268
Kirkwood	31	159	400	108	4,370	0	1,884	6,961
Des Moines Area	52	349	538	307	7,815	44	814	9,919
Western Iowa Tech	57	43	58	141	3,023	32	343	3,729
Iowa Western	18	40	142	80	2,737	21	102	3,140
Southwestern	6	13	15	25	1,184	7	19	1,269
Indian Hills	25	22	54	58	2,624	0	105	2,902
Southeastern	5	15	39	37	918	0	1,040	2,054
Total	297	998	2,306	1,406	42,056	216	5,421	52,764

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-30: Online Credit Enrollment by College and Racial/Ethnic Background: 2011

College	American Indian	Asian or Pacific Islander	Black	Hispanic	White	Two or More	Not Given	Total
Northeast Iowa	5	14	66	43	2,918	24	136	3,206
North Iowa Area	13	31	124	76	2,195	24	77	2,540
Iowa Lakes	6	67	97	37	1,796	1	64	2,068
Northwest	6	11	9	31	1,139	14	46	1,256
Iowa Central	10	64	443	132	3,384	41	228	4,302
Iowa Valley	30	129	114	124	1,567	12	299	2,275
Hawkeye	9	51	238	43	2,409	22	1	2,773
Eastern Iowa	48	262	371	336	5,077	54	263	6,411
Kirkwood	34	185	291	91	3,944	3	2,717	7,265
Des Moines Area	54	325	877	302	7,895	99	983	10,535
Western Iowa Tech	104	65	110	217	3,345	0	402	4,243
Iowa Western	46	75	238	103	3,388	18	92	3,960
Southwestern	7	12	27	27	1,374	22	19	1,488
Indian Hills	32	24	99	65	3,000	8	189	3,417
Southeastern	12	23	66	67	1,915	18	53	2,154
Total	416	1,338	3,170	1,694	45,346	360	5,569	57,893

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-31: Online Credit Enrollment by College and Residency Status: 2007

College	Iowa	Out-of-State	Inter-national	Unknown	Total	Percent Resident
Northeast Iowa	1,417	175	6	0	1,598	88.7%
North Iowa Area	1,614	142	16	0	1,772	91.1%
Iowa Lakes	1,164	201	2	0	1,367	85.1%
Northwest	678	65	0	0	743	91.3%
Iowa Central	2,096	352	28	0	2,476	84.7%
Iowa Valley	1,413	76	40	0	1,529	92.4%
Hawkeye	3,455	37	10	0	3,502	98.7%
Eastern Iowa	2,708	367	13	0	3,088	87.7%
Kirkwood	4,904	127	60	0	5,091	96.3%
Des Moines Area	5,797	134	121	0	6,052	95.8%
Western Iowa Tech*	0	0	0	0	0	0.0%
Iowa Western	1,395	376	18	0	1,789	78.0%
Southwestern	567	36	2	0	605	93.7%
Indian Hills	1,472	97	4	0	1,573	93.6%
Southeastern	1,132	234	5	0	1,371	82.6%
Total	29,812	2,419	325	0	32,556	91.6%

NOTE: *WITCC did not report online enrollment in FY 2007.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-32: Online Credit Enrollment by College and Residency Status: 2008

College	Iowa	Out-of-State	Inter-national	Unknown	Total	Percent Resident
Northeast Iowa	1,493	214	7	0	1,714	87.1%
North Iowa Area	1,790	183	22	0	1,995	89.7%
Iowa Lakes	1,255	201	3	0	1,459	86.0%
Northwest	744	91	0	0	835	89.1%
Iowa Central	2,368	519	36	0	2,923	81.0%
Iowa Valley	1,387	88	40	0	1,515	91.6%
Hawkeye	1,801	24	8	0	1,833	98.3%
Eastern Iowa	3,305	491	18	0	3,814	86.7%
Kirkwood	4,808	107	36	0	4,951	97.1%
Des Moines Area	6,540	217	135	0	6,892	94.9%
Western Iowa Tech	2,318	411	0	0	2,729	84.9%
Iowa Western	1,346	356	10	0	1,712	78.6%
Southwestern	875	48	9	0	932	93.9%
Indian Hills	1,777	156	5	0	1,938	91.7%
Southeastern	1,265	267	4	0	1,536	82.4%
Total	33,072	3,373	333	0	36,778	89.9%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-33: Online Credit Enrollment by College and Residency Status: 2009

College	Iowa	Non-Iowa	Foreign	Unknown	Total	Percent Resident
Northeast Iowa	1,899	261	5	0	2,165	87.7%
North Iowa Area	2,046	211	23	0	2,280	89.7%
Iowa Lakes	1,555	0	0	0	1,555	100.0%
Northwest	756	111	0	0	867	87.2%
Iowa Central	2,768	582	50	0	3,400	81.4%
Iowa Valley	1,552	100	69	2	1,723	90.1%
Hawkeye	2,102	32	11	0	2,145	98.0%
Eastern Iowa	3,818	585	24	1	4,428	86.2%
Kirkwood	5,482	158	66	0	5,706	96.1%
Des Moines Area	7,583	242	166	0	7,991	94.9%
Western Iowa Tech	2,694	496	0	0	3,190	84.5%
Iowa Western	1,612	461	31	0	2,104	76.6%
Southwestern	1,010	67	11	0	1,088	92.8%
Indian Hills	2,185	168	9	0	2,362	92.5%
Southeastern	1,392	299	2	0	1,693	82.2%
Total	38,454	3,773	467	3	42,697	90.1%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-34: Online Credit Enrollment by College and Residency Status: 2010

College	Iowa	Non-Iowa	Foreign	Unknown	Total	Percent Resident
Northeast Iowa	3,334	420	9	0	3,763	88.6%
North Iowa Area	2,453	155	29	0	2,637	93.0%
Iowa Lakes	1,531	270	5	0	1,806	84.8%
Northwest	943	125	0	0	1,068	88.3%
Iowa Central	3,068	711	42	0	3,821	80.3%
Iowa Valley	1,783	109	108	0	2,000	89.2%
Hawkeye	2,365	36	20	0	2,421	97.7%
Eastern Iowa	4,552	681	35	0	5,268	86.4%
Kirkwood	6,369	488	95	0	6,952	91.6%
Des Moines Area	9,461	237	231	0	9,929	95.3%
Western Iowa Tech	3,120	577	0	0	3,697	84.4%
Iowa Western	2,343	723	75	0	3,141	74.6%
Southwestern	1,190	75	4	0	1,269	93.8%
Indian Hills	2,666	202	20	0	2,888	92.3%
Southeastern	1,696	349	9	0	2,054	82.6%
Total	46,874	5,158	682	0	52,714	88.9%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 4-35: Online Credit Enrollment by College and Residency Status: 2011

College	Iowa	Non-Iowa	Foreign	Unknown	Total	Percent Resident
Northeast Iowa	2,775	428	3	0	3,206	86.6%
North Iowa Area	2,335	176	29	0	2,540	91.9%
Iowa Lakes	1,732	323	13	0	2,068	83.8%
Northwest	1,073	182	1	0	1,256	85.4%
Iowa Central	3,310	955	39	0	4,304	76.9%
Iowa Valley	1,949	150	176	0	2,275	85.7%
Hawkeye	2,686	51	36	0	2,773	96.9%
Eastern Iowa	5,350	1,027	34	0	6,411	83.5%
Kirkwood	6,715	418	132	0	7,265	92.4%
Des Moines Area	9,869	413	261	0	10,543	93.6%
Western Iowa Tech	3,505	727	11	0	4,243	82.6%
Iowa Western	2,800	1,065	95	0	3,960	70.7%
Southwestern	1,392	0	3	93	1,488	93.5%
Indian Hills	3,148	244	25	0	3,417	92.1%
Southeastern	1,760	389	5	0	2,154	81.7%
Total	50,399	6,548	863	93	57,903	87.0%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

5

JOINT ENROLLMENT AND DEMOGRAPHICS

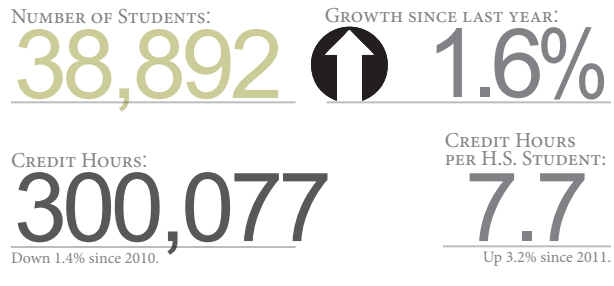
Each year, tens of thousands of Iowa high school students enroll in community college credit coursework. The Department of Education refers to these students as “jointly enrolled.”

Joint enrollment of high school students accounts for a quarter of total community college credit enrollment and more than an eighth of total credit hours. Iowa is one of at least 38 states with state dual enrollment policies (Karp, Bailey, Hughes, and Fermin, 2004). In Iowa, high school students enroll in community college credit courses in a variety of ways including through Postsecondary Enrollment Options (PSEO) courses, college courses offered through a contract between a local school district and a community college, and enrollment in a college course independently as a tuition-paying student.

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.

Most joint enrollment opportunities fall under the rubric of Senior Year Plus. The legislation, passed in 2008, consolidated and standardized several existing

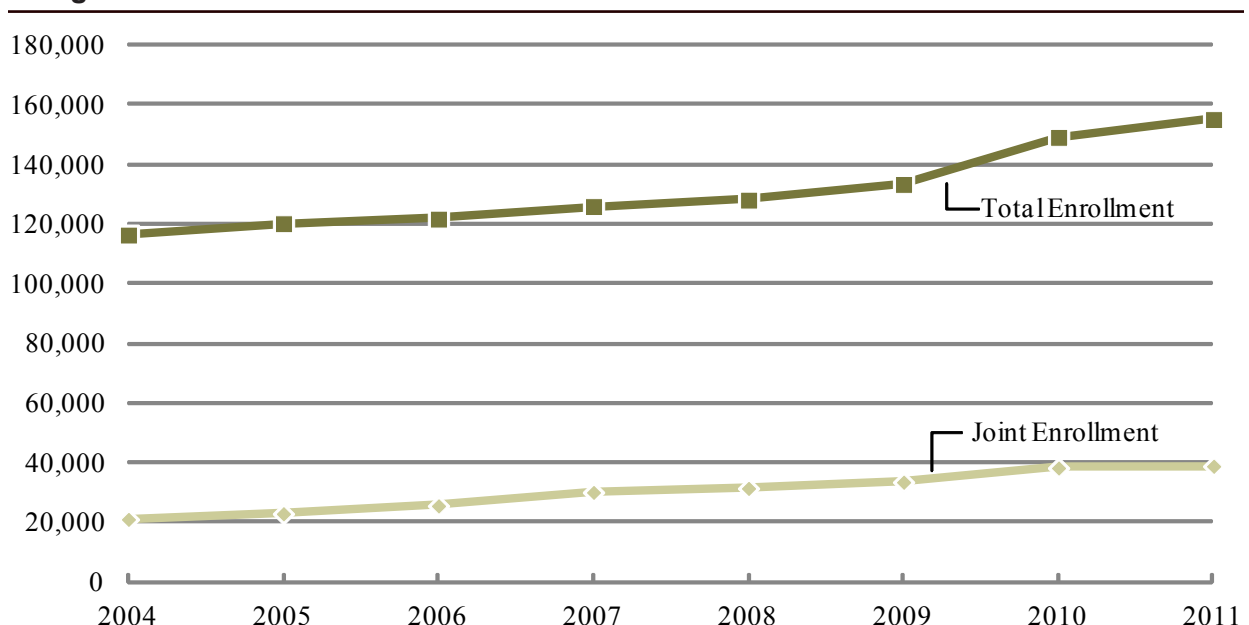
JOINT ENROLLMENT



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. The Community College 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.

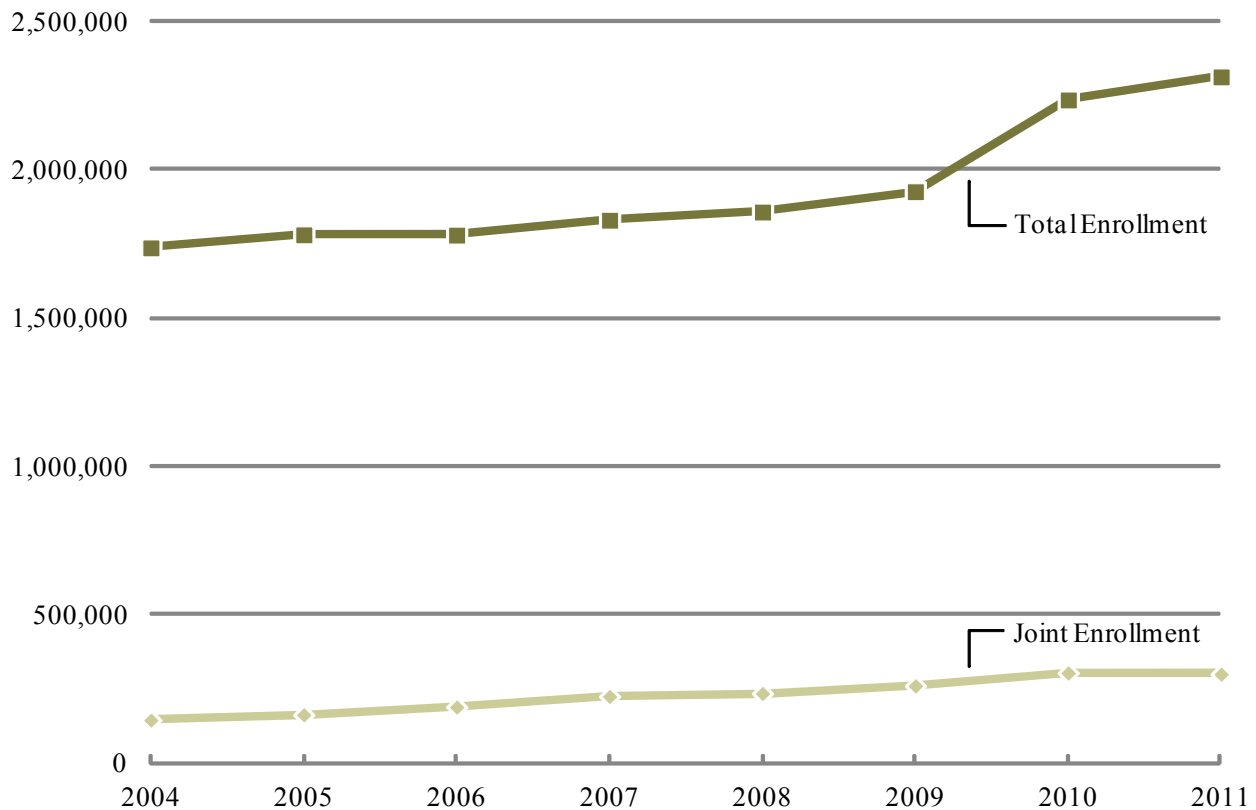
Joint enrollment in Iowa community colleges has steadily risen to a record high of 38,892 unduplicated students in fiscal year 2011 (Figure 5-1). Since fiscal year 2004, joint enrollment has increased 84.8 percent or

Figure 5-1: Fiscal Year Joint Enrollment: 2004-2011



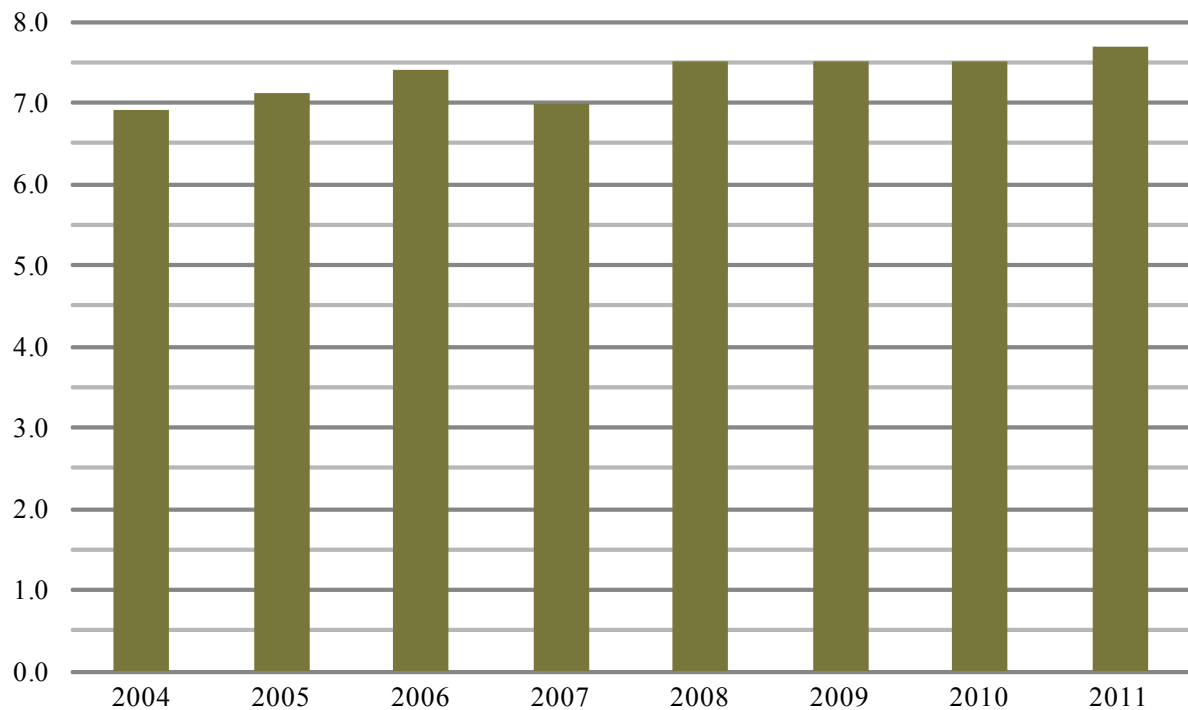
SOURCE: Iowa Department of Education, Division of Community Colleges, see Table 5-1.

Figure 5-2: Fiscal Year Joint Enrollment Credit Hours: 2004-2011



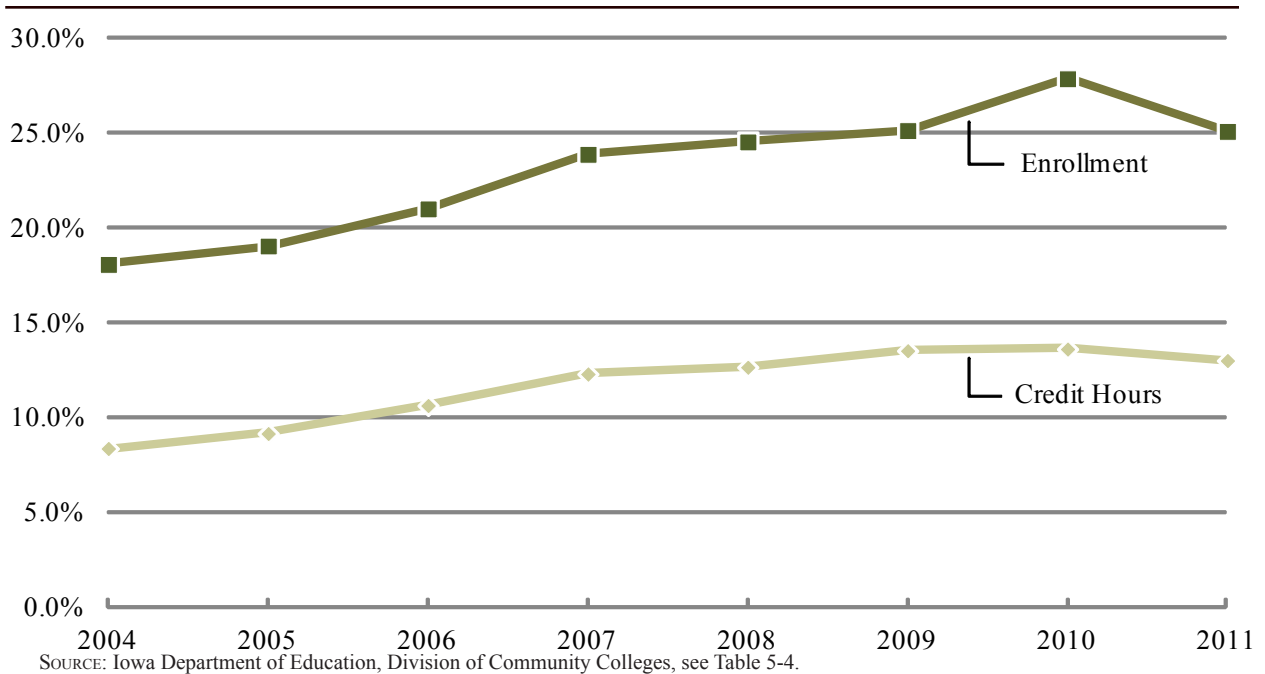
SOURCE: Iowa Department of Education, Division of Community Colleges, see Table 5-2.

Figure 5-3: Average Credit Hours per Jointly Enrolled Student: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, see Table 5-3.

Figure 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Credit Enrollment and Credit Hours: 2004-2011



about 8.0 percent per year. Fiscal year 2010 had slower growth than the eight year average (1.6 percent), a sharp decline from the prior year which saw a rise of 14.2 percent.

Enrollment growth of jointly enrolled students failed to outpace the rate of growth of total credit enrollment which rose 4.0 percent in fiscal year 2010 (Section 3). Enrollment of students not jointly-enrolled in high school increased 4.8 percent after growing 11.1 percent in fiscal year 2010, 3.3 percent in 2009, and declining in 2006 and 2007.

The number of credit hours taken by each student increased slightly from fiscal year 2010 (Figure 5-2) with each jointly enrolled student enrolling in an average of 7.7 credit hours (Figure 5-3). The number of credit hours taken per jointly enrolled student has increased about one credit hour since fiscal year 2004. Special analysis in 2008 showed that jointly enrolled students take slightly less than three classes on average. 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). In fiscal year 2011, joint enrollment accounted for 13.0 percent of total credit hours.

The rate at which high school students enroll in community college coursework varies by local school district and community college region (Figure 5-11).

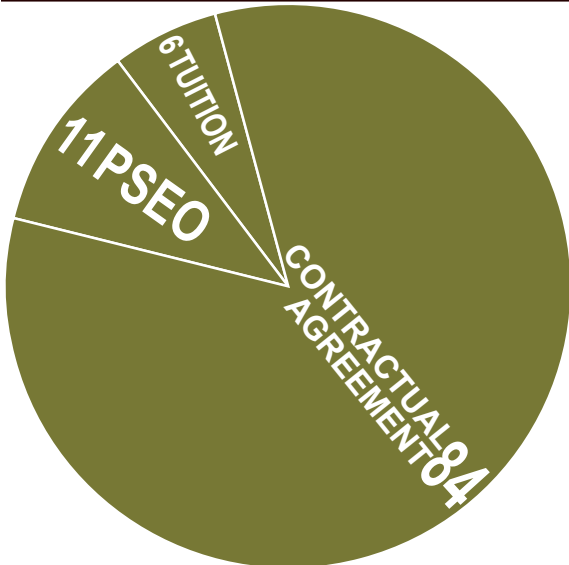
Nationally, public two-year colleges offer college credit coursework to high school students at higher rates than other sectors of higher education (Kleiner and Lewis, 2005). In 2005, 98 percent of public two-year colleges nationwide had high school students jointly

JOINT ENROLLMENT BY OFFERING ARRANGEMENT



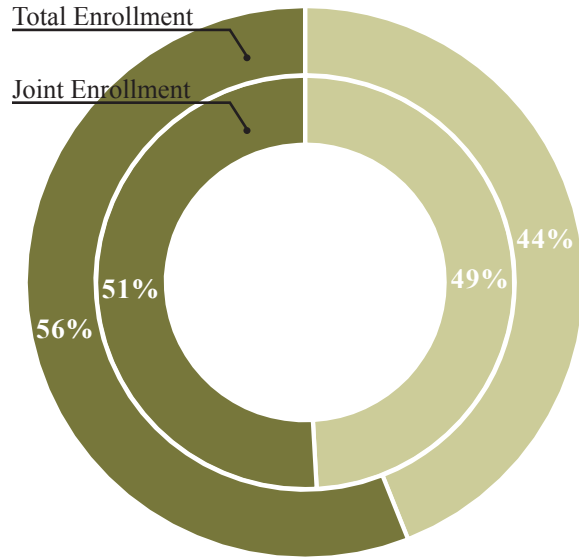
Note: Joint Enrollment by Offering Arrangement does not total 38,892 because some students are enrolled in multiple categories.

Figure 5-5: Credit Joint Enrollment by Offering Arrangement Type: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, see Tables 5-5, 5-6, 5-7, and 5-8.

Figure 5-6: Jointly Enrolled Credit Student Gender: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, see Tables 5-10, 5-11.

enrolled in college credit coursework compared with 77 of public four-year institutions. In Iowa, delivery of programming to high school students is a part of the community colleges' mission (Iowa Code 260C.1) and, consequently, all 15 community colleges are committed to offering college credit opportunities to these students.

Joint Enrollment Offering Arrangements

Contracted courses had the largest enrollment of the three types of joint enrollment offering arrangements accounting for 83.8 percent of jointly enrolled students in fiscal year 2011 (Figure 5-5). Enrollment in contracted courses rose 7.9 percent from the previous year to 34,949 students. PSEO, which accounts for 10.7 percent of joint enrollment, fell by a more than a fifth (20.1 percent) from fiscal year 2010. Enrollment of tuition-paying students fell 36.0 percent over the prior year, following two years of large increases.

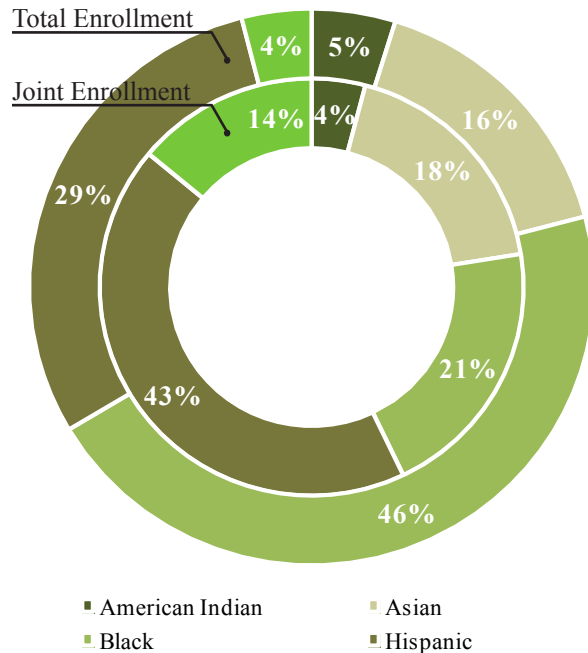
Jointly Enrolled Student Demographics

The typical jointly enrolled community college

IOWA'S TYPICAL JOINTLY ENROLLED STUDENT

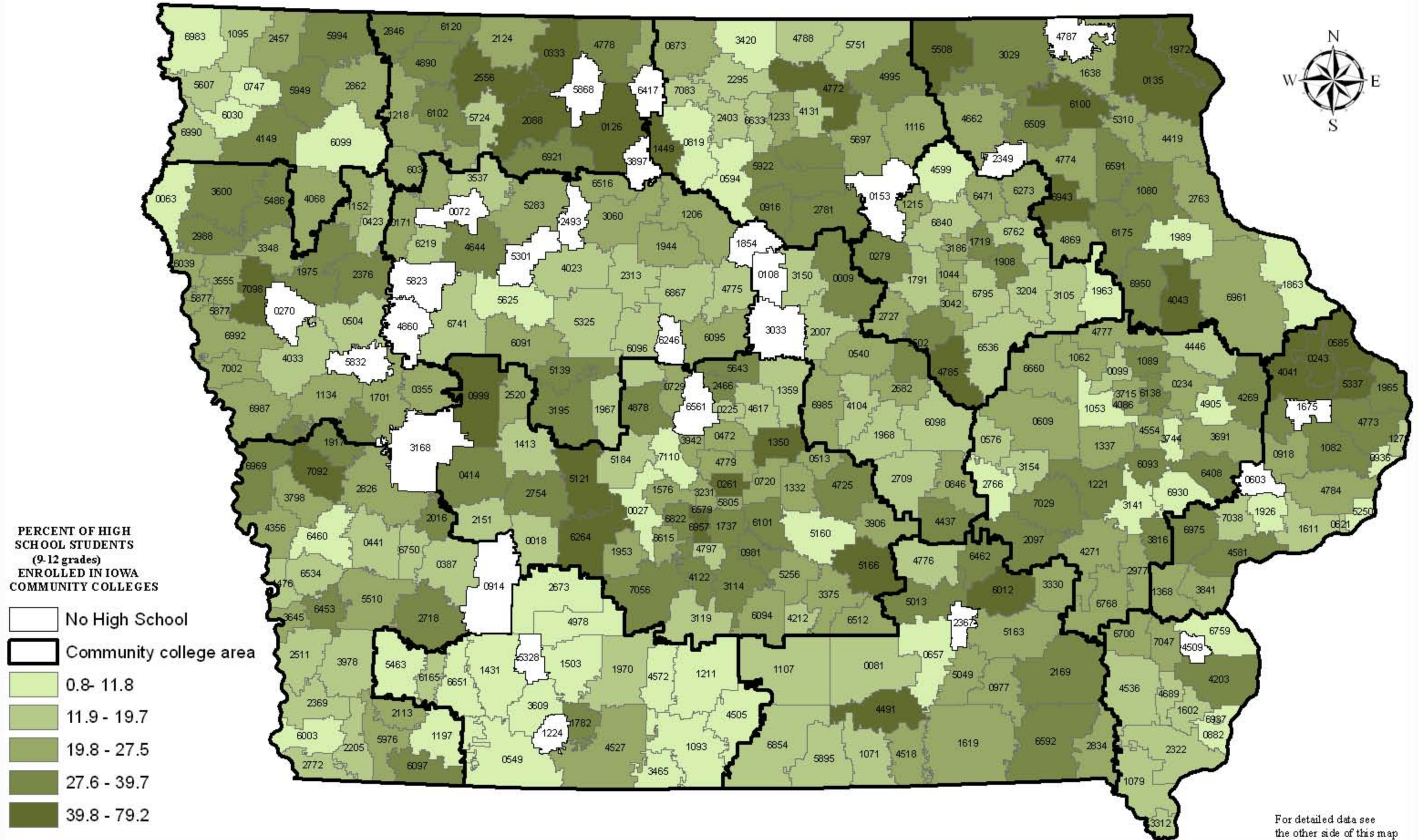
Caucasian 78% Young 17 years old
 Female 51% Resident 100%

Figure 5-7: Jointly Enrolled Credit Student Enrollment by Racial Minorities: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, see Tables 5-12, 5-13, 5-14, 5-15, 5-16.

FIGURE 6-11: PERCENT OF HIGH SCHOOL STUDENTS (9-12 GRADES) ENROLLMENT IN IOWA COMMUNITY COLLEGES FY'2011



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	37.86	1152	CHEROKEE	20.92	2457	GEORGE-LITTLE ROCK	19.85	4033	MAPLE VALLEY	17.58	5256	PLEASANTVILLE	25.89	6615	VAN METER	21.26
0018	ADAIR-CASEY	15.74	1197	CLARINDA	8.02	2466	GILBERT	27.97	4041	MAQUOKETA	46.02	5283	POCAHONTAS AREA	23.35	6633	VENTURA	17.60
0027	ADEL DESOTO MINBURN	10.60	1206	CLARION-GOLDFIELD	20.14	2502	GLADBROOK-REINBECK	39.05	4043	MAQUOKETA VALLEY	45.19	5310	POSTVILLE	22.76	6651	VILLISCA	3.64
0063	AKRON WESTFIELD	10.23	1211	CLARKE	6.53	2511	GLENWOOD	16.15	4068	MARCUS-MERIDEN-CLEGHORN	22.64	5325	PRAIRIE VALLEY	16.37	6660	VINTON-SHELLSBURG	24.71
0081	ALBIA	19.05	1215	CLARKSVILLE	24.51	2520	GLIDDEN-RALSTON	25.60	4086	MARION INDEPENDENT	30.71	5337	PRESTON	41.05	6700	WACO	21.05
0099	ALBURNETT	16.67	1218	CLAY CENTRAL-EVERLY	20.95	2556	GRAETTINGER-TERRIL	47.00	4104	MARSHALLTOWN	19.41	5463	RED OAK	1.02	6741	WALL LAKE VIEW AUBURN	17.45
0126	ALGONA	46.92	1221	CLEAR CREEK AMANA	28.68	2664	GREENE	20.11	4122	MARTENSDALE-ST MARYS	37.89	5486	REMSEN-UNION	28.81	6750	WALNUT	14.04
0135	ALLAMAKEE	43.40	1233	CLEAR LAKE	25.97	2673	NODAWAY VALLEY	1.43	4131	MASON CITY	17.51	5508	RICEVILLE	53.19	6759	WAPELLO	10.12
0171	ALTA	20.12	1278	CLINTON	17.18	2682	GMG	20.25	4149	MOC-FLOYD VALLEY	39.02	5510	RIVERSIDE	26.70	6762	WAPSIE VALLEY	15.07
0225	AMES	15.21	1332	COLFAX-MINGO	22.18	2709	GRINNELL-NEWBURG	16.61	4203	MEDIAPOLIS	29.08	5607	ROCK VALLEY	16.83	6768	WASHINGTON	23.21
0234	ANAMOSA	24.22	1337	COLLEGE	22.67	2718	GRISWOLD	31.84	4212	MELCHER-DALLAS	13.33	5625	ROCKWELL CITY-LYTTON	10.46	6795	WATERLOO	13.20
0243	ANDREW	47.69	1350	COLLINS-MAXWELL	49.36	2727	GRUNDY CENTER	24.62	4269	MIDLAND	31.82	5643	ROLAND-STORY	33.77	6822	WAUKEE	32.37
0252	ANITA	23.20	1359	COLO-NESCO	18.84	2754	GUTHRIE CENTER	30.68	4271	MID-PRAIRIE	20.28	5697	RK	21.08	6840	WAVERLY-SHELL ROCK	14.21
0261	ANKENY	51.81	1368	COLUMBUS	24.92	2763	CLAYTON RIDGE	21.24	4356	MISSOURI VALLEY	22.26	5724	RUTHVEN-AYRSHIRE	18.84	6854	WAYNE	13.13
0279	APLINGTON-PARKERSBURG	28.69	1413	COON RAPIDS-BAYARD	14.39	2766	H-L-V	10.66	4419	MFL MARMAC	21.84	5751	ST ANSGAR	19.37	6867	WEBSTER CITY	14.76
0333	ARMSTRONG-RINGSTED	67.62	1431	CORNING	1.16	2772	HAMBURG	18.75	4437	MONTEZUMA	35.95	5805	SAYDEL	23.98	6921	WEST BEND-MALLARD	28.16
0355	AR-WE-VA	20.43	1449	CORWITH-WESLEY	41.94	2781	HAMPTON-DUMONT	28.80	4446	MONTICELLO	16.67	5877	SERGEANT BLUFF-LUTON	24.30	6930	WEST BRANCH	8.63
0387	ATLANTIC	18.58	1476	COUNCIL BLUFFS	16.45	2826	HARLAN	24.49	4491	MORAVIA	40.57	5895	SEYMOUR	15.63	6937	WEST BURLINGTON IND	14.93
0414	AUDUBON	39.17	1503	CRESTON	1.28	2834	HARMONY	22.45	4505	MORMON TRAIL	8.22	5922	SHEFFIELD CHAPIN	37.80	6943	WEST CENTRAL	48.15
0423	AURELIA	17.39	1576	DALLAS CENTER-GRIMES	26.03	2846	HARRIS-LAKE PARK	39.78	4518	MOULTON-UDELL	21.13	5949	SHELDON	33.13	6950	WEST DELAWARE COUNTY	37.78
0441	A-H-S-T	17.53	1602	DANVILLE	14.59	2862	SANBORN	26.92	4527	MOUNT AYR	25.79	5976	SHENANDOAH	23.82	6957	WEST DES MOINES	44.39
0472	BALLARD	20.85	1611	DAVENPORT	14.72	2977	HIGHLAND	22.01	4536	MOUNT PLEASANT	14.70	5994	SIBLEY-OCHEYEDAN	34.19	6961	WESTERN DUBUQUE	24.15
0504	BATTLE CREEK-IDA GROVE	16.51	1619	DAVIS COUNTY	20.90	2988	HINTON	27.91	4554	MOUNT VERNON	20.25	6003	SIDNEY	11.86	6969	WEST HARRISON	31.82
0513	BAXTER	23.19	1638	DECORAH COMMUNITY	24.44	3029	HOWARD-WINNESHIEK	36.55	4572	MURRAY	5.32	6012	SIGOURNEY	55.49	6975	WEST LIBERTY	30.79
0540	BCLUW	23.11	1701	DENISON	26.67	3042	HUDSON	22.05	4581	MUSCATINE	35.78	6030	SIoux CENTER	8.78	6983	WEST LYON	5.56
0549	BEDFORD	10.24	1719	DENVER	30.89	3060	HUMBOLDT	26.48	4599	NASHUA-PLAINFIELD	11.11	6035	SIoux CENTRAL	25.10	6985	WEST MARSHALL	22.03
0576	BELLE PLAINE	15.73	1737	DES MOINES INDEPENDENT	29.70	3105	INDEPENDENCE	16.91	4617	NEVADA	15.30	6039	SIoux CITY	20.89	6987	WEST MONONA	20.69
0585	BELLEVUE	46.58	1782	DIAGONAL	32.14	3114	INDIANOLA	28.92	4644	NEWELL-FONDA	29.71	6091	SOUTHERN CAL	25.50	6990	WEST SIOUX	16.15
0594	BELMOND-KLEMME	9.33	1791	DIKE-NEW HARTFORD	18.30	3119	INTERSTATE 35	14.13	4662	NEW HAMPTON	25.49	6093	SOLOMON	28.44	6992	WESTWOOD	22.34
0609	BENTON	23.81	1863	DUBUQUE	3.92	3141	IOWA CITY	10.01	4689	NEW LONDON	18.52	6094	SOUTHEAST WARREN	25.31	7002	WHITING	22.22
0621	BETTENDORF	17.39	1908	DUNKERTON	28.15	3150	IOWA FALLS	15.53	4725	NEWTON	34.44	6095	SOUTH HAMILTON	24.38	7029	WILLIAMSBURG	34.37
0657	EDDYVILLE-BLAKESBURG	8.98	1917	BOYER VALLEY	38.06	3154	IOWA VALLEY	17.31	4772	NORTH CENTRAL	42.70	6096	GRAND	17.49	7038	WILTON	19.72
0720	BONDURANT-FARRAR	22.03	1926	DURANT	10.27	3186	CONSOLIDATED	25.27	4773	NORTHEAST	35.50	6097	SOUTH PAGE	29.09	7047	WINFIELD-MT UNION	26.00
0729	BOONE	26.89	1944	EAGLE GROVE	23.65	3195	JEFFERSON-SCRANTON	30.24	4774	NORTH FAYETTE	22.68	6098	SOUTH TAMA COUNTY	14.00	7056	WINTERSET	29.49
0747	BOYDEN-HULL	11.80	1953	EARLHAM	20.21	3204	JESUP	18.29	4775	NORTHEAST HAMILTON	12.50	6099	SOUTH O'BRIEN	11.11	7083	WODEN-CRYSTAL LAKE	16.87
0819	WEST HANCOCK	10.00	1963	EAST BUCHANAN	8.82	3231	JOHNSTON	27.51	4776	NORTH MAHASKA	15.82	6100	SOUTH WINNESHIEK	40.74	7092	WOODBINE	79.17
0846	MALCOM	20.90	1965	EAST CENTRAL	33.94	3312	KEOKUK	18.76	4777	NORTH LINN	24.32	6101	SOUTHEAST POLK	35.84	7098	WOODBURY CENTRAL	43.39
0873	NORTH IOWA	23.26	1967	EAST GREENE	13.79	3330	KEOTA	23.96	4778	NORTH KOSSUTH	33.33	6102	SPENCER	36.24	7110	WOODWARD-GRANGER	11.33
0882	BURLINGTON	10.84	1968	EAST MARSHALL	18.12	3348	KINGSLEY-PIERSON	22.54	4779	NORTH POLK	19.89	6120	SPIRIT LAKE	30.45			
0916	CAL	35.14	1970	EAST UNION	19.23	3375	KNOXVILLE	21.00	4784	NORTH SCOTT	22.53	6138	SPRINGVILLE	28.57		STATE	22.53
0918	CALAMUS-WHEATLAND	23.03	1972	EASTERN ALLAMAKEE	54.29	3420	LAKE MILLS	8.87	4785	NORTH TAMA COUNTY	42.53	6165	STANTON	15.48			
0936	CAMANICHE	6.94	1975	RIVER VALLEY	31.43	3465	LAMONI	0.79	4788	NORTHWOOD-KENSETT	15.85	6175	STARMONT	28.44			
0977	CARDINAL	20.18	1989	EDGEWOOD-COLESBURG	11.39	3537	LAURENS-MARATHON	17.89	4797	NORWALK	15.55	6219	STORM LAKE	18.27			
0981	CARLISLE	28.65	2007	ELDORA-NEW PROVIDENCE	19.45	3555	LAWTON-BRONSON	23.19	4869	OELWEIN	27.42	6264	WEST CENTRAL VALLEY	41.09			
0999	CARROLL	52.25	2016	ELK HORN-KIMBALLTON	31.03	3600	LE MARS	32.62	4878	OGDEN	32.79	6273	SUMNER	24.91			
1044	CEDAR FALLS	20.54	2088	EMMETSBURG	47.50	3609	LENOX	10.08	4890	OKOBOJI	34.57	6408	TIPTON	28.57			
1053	CEDAR RAPIDS	4.99	2097	ENGLISH VALLEYS	28.09	3645	LEWIS CENTRAL	21.46	4905	OLIN CONSOLIDATED	10.34	6453	TREYNOR	32.06			
1062	CENTER POINT-URBANA	24.10	2113	ESSEX	20.00	3691	NORTH CEDAR	21.88	4978	ORIENT-MACKSBURG	1.43	6460	TRI-CENTER	2.14			
1071	CENTERVILLE	14.38	2124	ESTHERVILLE LINCOLN	25.30	3715	LINN-MAR	20.95	4995	OSAGE	35.29	6462	TRI-COUNTY	29.09			
1079	CENTRAL LEE	18.44	2151	EXIRA	15.15	3744	LISBON	11.56	5013	OSKALOOSA	29.06	6471	TRIPOLI	24.49			
1080	CENTRAL	30.26	2169	FAIRFIELD	30.23	3798	LOGAN-MAGNOLIA	27.51	5049	OTTUMWA	20.67	6509	TURKEY VALLEY	37.63			
1082	CENTRAL CLINTON	34.65	2205	FARRAGUT	19.74	3816	LONE TREE	28.68	5121	PANORAMA	41.70	6512	TWIN CEDARS	26.74			
1089	CENTRAL CITY	32.28	2295	FORREST CITY	15.63	3841	LOUISA-MUSCATINE	23.10	5139	PATON-CHURDAN	34.15	6516	TWIN RIVERS	27.40			
1093	CENTRAL DECATUR	3.60	2313	FORT DODGE	17.21	3906	LYNNVILLE-SULLY	21.97	5160	PCM	5.88	6534	UNDERWOOD	16.23			
1095	CENTRAL LYON	16.76	2322	FORT MADISON	18.01	3942	MADRID	21.55	5163	PEKIN	20.83	6536	UNION	14.57			
1107	CHARITON	16.22	2369	FREMONT-MILLS	13.38	3978	MALVERN	17.34	5166	PELLA	54.23	6579	URBANDALE	46.85			
1116	CHARLES CITY	20.42	2376	GALVA-HOLSTEIN	35.54	4014	MANNING	30.25	5184	PERRY	12.98	6591	VALLEY	34.76			
1134	CHARTER OAK-UIE	20.39	2403	GARNER-HAYFIELD	16.86	4023	WEBSTER	18.01	5250	PLEASANT VALLEY	10.81	6592	VAN BUREN	28.57			

NOTE: Data excludes 4,650 (approx. 5%) jointly enrolled secondary students with missing district number or State ID. SOURCE: Project Easier and CC MIS.

RACIAL/ETHNIC MINORITY BACKGROUND



student, as with prior years, is female, 18 years old, and white. Compared with the overall student body, jointly enrolled students are proportionally more white and male. In fiscal year 2011, approximately 50.9 percent of joint enrollees were female compared with 55.9 percent of the overall student body (Figure 5-6). The phenomenon of proportionally greater male enrollment is driven by contracted course enrollment which was 51.4 percent male in fiscal year 2011. In terms of gender, contracted course enrollment more closely mirrors high school enrollment than community college enrollment. In contrast, PSEO and tuition enrollment were 63.2 percent and 61.4 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 fiscal year 2011, approximately 10 percent of joint enrollees were reported as having a minority racial/ethnic background. Tuition course enrollment had the largest proportion of minority students (12.3 percent), followed by contracted course (10.0 percent) and PSEO (4.2 percent). Hispanics were

the largest minority group with 43.1 percent of minority joint enrollment followed by black and asian students with 20.4 percent and 18.4 percent respectively (Figure 5-7). In contrast, 13.7 percent of the overall community college student body was reported to have a minority racial/ethnic background, 44.5 percent of which were black and 28.8 percent of which were Hispanic.

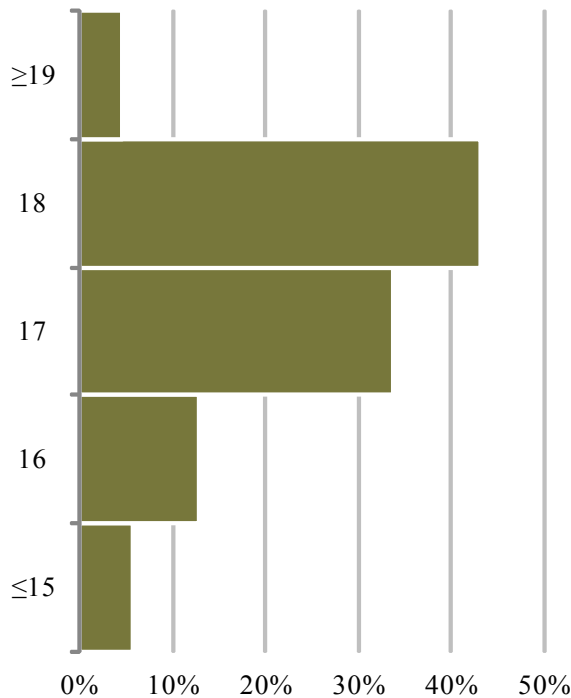
As expected, jointly enrolled students were younger than the overall community college student body, but few were younger than age 17 (18.5 percent). More than 76.8 percent of jointly enrolled students were age 17 or 18 (Figure 5-8).

Jointly enrolled students were also almost exclusively residents of Iowa (Table 5-15). In fiscal year 2008, 99.5 percent of jointly enrolled students were from Iowa (179 out-of-state students were jointly enrolled).

Grade Level of Jointly Enrolled Students

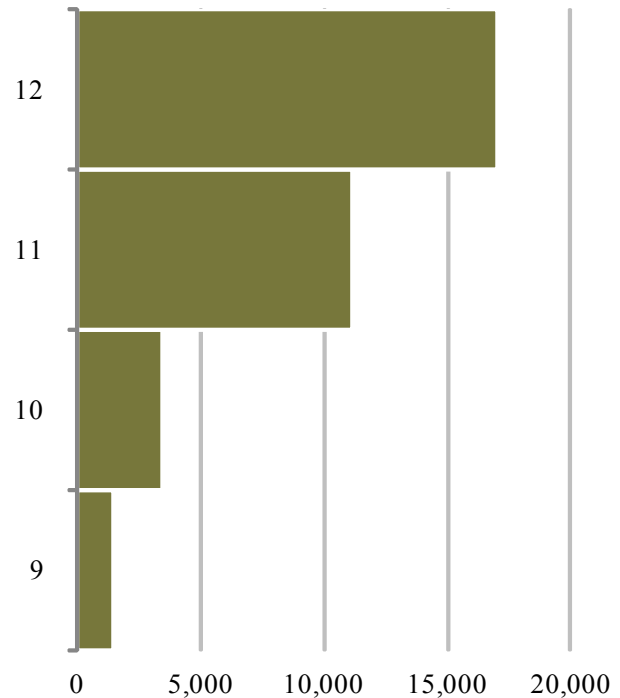
Jointly enrolled students tend to be high school upperclass students and, in particular, seniors. More than 85 percent of jointly enrolled students were in their last two years of high school. Seniors accounted for 51 percent of jointly enrolled students while more than a third were juniors. Data on student grade level is derived through a match between the state's K-12 data repository and the Community College MIS.

Figure 5-8: Jointly Enrolled Credit Student Age: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Figure 5-8: Jointly Enrolled Credit Student Grade Level: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, see Table 5-18.

Table 5-1: Credit Joint Enrollment: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	2,277	2,409	2,869	2,478	2,418	1.2%
North Iowa Area	1,059	1,262	1,363	1,423	1,372	5.3%
Iowa Lakes	970	1,582	1,427	1,453	1,341	6.7%
Northwest	671	608	489	894	811	3.9%
Iowa Central	2,928	3,026	2,921	2,781	2,340	-4.4%
Iowa Valley	1,035	1,033	1,124	1,147	1,025	-0.2%
Hawkeye	1,436	1,598	1,782	1,884	1,804	4.7%
Eastern Iowa	2,372	2,081	2,507	4,362	3,559	8.5%
Kirkwood	2,275	2,527	3,412	3,970	3,809	10.9%
Des Moines Area	8,646	9,249	9,376	11,074	12,856	8.3%
Western Iowa Tech	2,350	1,882	1,808	1,941	2,344	-0.1%
Iowa Western	1,925	1,733	1,805	1,756	1,897	-0.3%
Southwestern	528	632	646	682	686	5.4%
Indian Hills	884	1,061	1,130	1,467	1,606	12.7%
Southeastern	743	767	878	971	1,024	6.6%
Total	30,099	31,450	33,537	38,283	38,892	5.3%

NOTE: Each bar "I" denotes 200 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-2: Credit Hours Taken by Jointly Enrolled Students: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	15,906	18,414	31,954	19,842	18,510	3.1%
North Iowa Area	7,984	9,194	10,674	10,514	11,035	6.7%
Iowa Lakes	8,687	12,970	11,638	12,026	11,727	6.2%
Northwest	5,498	5,141	4,795	6,549	6,078	2.0%
Iowa Central	24,078	26,291	24,796	23,822	20,037	-3.6%
Iowa Valley	8,164	7,854	8,661	9,171	8,492	0.8%
Hawkeye	8,168	9,958	10,808	10,957	10,313	4.8%
Eastern Iowa	18,230	11,757	14,894	39,473	22,546	4.3%
Kirkwood	15,660	14,276	17,906	23,395	21,895	6.9%
Des Moines Area	63,349	73,072	75,914	93,914	109,307	11.5%
Western Iowa Tech	16,240	12,766	11,546	12,865	15,937	-0.4%
Iowa Western	18,330	15,647	17,645	17,468	19,095	0.8%
Southwestern	4,788	5,244	5,404	5,283	5,834	4.0%
Indian Hills	5,568	7,727	8,445	12,080	12,383	17.3%
Southeastern	4,337	4,843	5,551	7,005	6,889	9.7%
Total	224,985	235,152	260,629	304,362	300,077	5.9%

NOTE: Each bar "I" denotes 1,500 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-3: Average Credit Hours Per Jointly Enrolled Student: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	6.3	7.6	11.1	8.0	7.7	4.0%
North Iowa Area	7.5	7.3	7.8	7.4	8.0	1.4%
Iowa Lakes	9.0	8.2	8.2	8.3	8.7	-0.5%
Northwest	7.6	8.5	9.8	7.3	7.5	-0.3%
Iowa Central	7.3	8.7	8.5	8.6	8.6	3.2%
Iowa Valley	7.4	7.6	7.7	8.0	8.3	2.3%
Hawkeye	5.2	6.2	6.1	5.8	5.7	1.9%
Eastern Iowa	6.9	5.6	5.9	9.0	6.3	-1.6%
Kirkwood	6.3	5.6	5.2	5.9	5.7	-1.8%
Des Moines Area	6.9	7.9	8.1	8.5	8.5	4.2%
Western Iowa Tech	6.9	6.8	6.4	6.6	6.8	-0.3%
Iowa Western	9.1	9.0	9.8	9.9	10.1	2.0%
Southwestern	7.4	8.3	8.4	7.7	8.5	2.8%
Indian Hills	5.8	7.3	7.5	8.2	7.7	5.9%
Southeastern	5.8	6.3	6.3	7.2	6.7	3.0%
Total	7.0	7.5	7.5	7.5	7.7	2.0%

NOTE: Each bar "I" denotes 0.5 credit hours.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Enrollment and Credit Hours: 2007-2011

College	2007		2008		2009		2010		2011	
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours
Northeast Iowa	37.5%	17.3%	35.3%	18.9%	40.7%	14.8%	35.5%	16.8%	32.3%	16.4%
North Iowa Area	23.8%	12.1%	26.7%	13.5%	27.5%	10.1%	29.8%	13.1%	27.5%	14.1%
Iowa Lakes	21.2%	12.1%	35.9%	18.7%	33.0%	12.3%	34.5%	14.3%	28.0%	13.7%
Northwest	36.1%	19.3%	28.7%	17.3%	23.2%	16.2%	38.8%	18.6%	32.0%	17.0%
Iowa Central	44.1%	22.2%	38.2%	22.4%	35.8%	18.9%	36.3%	17.6%	25.5%	13.8%
Iowa Valley	27.4%	13.1%	26.0%	12.7%	26.9%	9.4%	28.2%	12.4%	23.5%	11.4%
Hawkeye	18.7%	6.4%	19.1%	7.9%	20.5%	4.9%	22.0%	7.7%	18.4%	7.1%
Eastern Iowa	23.9%	12.2%	18.5%	7.9%	21.6%	2.9%	35.7%	21.6%	24.7%	11.7%
Kirkwood	11.5%	4.5%	11.8%	4.2%	15.1%	3.9%	16.7%	5.9%	14.5%	5.4%
Des Moines Area	32.7%	18.4%	31.3%	19.7%	30.3%	14.0%	33.1%	19.6%	33.7%	21.9%
Western Iowa Tech	30.7%	16.0%	24.9%	12.8%	23.7%	14.8%	23.7%	11.6%	26.6%	12.7%
Iowa Western	29.2%	16.0%	25.3%	13.7%	24.7%	12.3%	23.1%	12.5%	21.0%	12.4%
Southwestern	34.6%	14.8%	31.7%	16.3%	31.7%	14.7%	37.4%	14.4%	29.4%	14.9%
Indian Hills	14.9%	5.2%	16.2%	7.0%	16.1%	4.0%	19.3%	8.9%	19.8%	8.9%
Southeastern	16.2%	5.9%	16.9%	6.5%	18.3%	7.2%	22.0%	8.1%	20.5%	8.5%
Total	25.6%	12.3%	24.5%	12.6%	25.1%	9.8%	27.9%	13.6%	25.1%	13.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-5: Joint Enrollment by Offering Arrangement: 2008

College	PSEO		Contracted		Tuition		Total Joint Enrollment		Unduplicated Joint Enrollment
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	413	2,471	2,126	14,585	151	1,358	2,690	18,414	2,409
North Iowa Area	160	1,043	964	6,787	138	1,364	1,262	9,194	1,262
Iowa Lakes	630	3,653	1,140	8,649	127	668	1,897	12,970	1,582
Northwest	96	475	530	4,459	40	207	666	5,141	608
Iowa Central	755	3,483	2,648	22,808	0	0	3,403	26,291	3,026
Iowa Valley	293	1,482	860	6,373	0	0	1,153	7,854	1,033
Hawkeye	318	2,032	1,366	7,132	149	794	1,833	9,958	1,598
Eastern Iowa	497	2,424	1,567	7,392	286	1,942	2,350	11,757	2,081
Kirkwood	733	3,508	1,834	9,647	246	1,122	2,813	14,276	2,527
Des Moines Area	559	2,632	8,646	66,094	691	4,346	9,896	73,072	9,249
Western Iowa Tech	155	1,046	1,727	11,720	0	0	1,882	12,766	1,882
Iowa Western	184	1,053	1,629	14,493	24	101	1,837	15,647	1,733
Southwestern	334	1,766	398	3,396	20	82	752	5,244	632
Indian Hills	250	1,211	761	5,718	158	799	1,169	7,727	1,061
Southeastern	162	659	655	3,893	58	291	875	4,843	767
Total	5,539	28,937	26,851	193,144	2,088	13,072	34,478	235,152	31,450

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-6: Joint Enrollment by Offering Arrangement: 2009

College	PSEO		Contracted		Tuition		Total Joint Enrollment		Unduplicated Joint Enrollment
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	423	2,077	2,097	15,529	649	14,349	3,169	31,954	2,869
North Iowa Area	247	2,015	1,058	7,988	109	671	1,414	10,674	1,363
Iowa Lakes	472	2,664	1,042	7,615	261	1,359	1,775	11,638	1,427
Northwest	86	376	464	4,235	31	184	581	4,795	489
Iowa Central	762	3,478	2,541	21,318	0	0	3,303	24,796	2,921
Iowa Valley	299	1,637	946	7,024	0	0	1,245	8,661	1,124
Hawkeye	357	2,107	1,550	8,045	136	656	2,043	10,808	1,782
Eastern Iowa	514	2,746	1,996	10,031	365	2,117	2,875	14,894	2,507
Kirkwood	776	3,716	2,710	13,287	189	904	3,675	17,906	3,412
Des Moines Area	697	3,667	8,738	68,949	577	3,298	10,012	75,914	9,376
Western Iowa Tech	188	11,546	1,620	10,463	0	0	1,808	11,546	1,808
Iowa Western	167	1,014	1,718	16,550	20	82	1,905	17,645	1,805
Southwestern	403	2,248	363	3,065	22	91	788	5,404	646
Indian Hills	244	1,339	887	6,650	79	457	1,210	8,445	1,130
Southeastern	236	1,201	704	3,838	84	512	1,024	5,551	878
Total	5,871	41,829	28,434	204,584	2,437	24,679	36,827	260,629	33,537

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-7: Joint Enrollment by Offering Arrangement: 2010

College	PSEO		Contracted		Tuition		Total Joint Enrollment		Unduplicated Joint Enrollment
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	
Northeast Iowa	407	2,300	2,255	16,873	87	670	2,749	19,842	2,478
North Iowa Area	262	1,527	1,088	7,702	198	1,285	1,548	10,514	1,423
Iowa Lakes	341	1,862	1,211	9,562	97	602	1,649	12,026	1,453
Northwest	157	804	727	5,398	80	347	964	6,549	894
Iowa Central	716	3,476	2,424	20,346	0	0	3,140	23,822	2,781
Iowa Valley	318	1,769	938	7,402	0	0	1,256	9,171	1,147
Hawkeye	279	1,572	1,678	8,770	125	615	2,082	10,957	1,884
Eastern Iowa	584	2,864	2,775	15,758	1,446	20,852	4,805	39,473	4,362
Kirkwood	716	3,647	3,224	17,116	356	2,632	4,296	23,395	3,970
Des Moines Area	698	3,779	10,129	83,416	925	6,719	11,752	93,914	11,074
Western Iowa Tech	253	1,524	1,688	11,341	0	0	1,941	12,865	1,941
Iowa Western	166	1,038	1,679	16,315	29	115	1,874	17,468	1,756
Southwestern	342	1,786	462	3,405	22	92	826	5,283	682
Indian Hills	154	813	1,333	10,885	70	382	1,557	12,080	1,467
Southeastern	261	1,533	769	4,677	123	792	1,153	7,005	971
Total	5,654	30,293	32,380	238,965	3,558	35,101	41,592	304,362	38,283

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-8: Joint Enrollment by Offering Arrangement: 2011

College	PSEO		Contracted		Tuition		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

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-9: Joint Enrollment and Credit Hours by Offering Arrangement as a Percentage of Total Joint Enrollment: 2011

College	Percentage of Total Joint Enrollment			Percentage of Total Joint Enrollment Credit Hours		
	PSEO	Contracted	Tuition	PSEO	Contracted	Tuition
Northeast Iowa	11.9%	84.3%	3.8%	8.1%	86.8%	5.1%
North Iowa Area	15.8%	70.1%	14.0%	13.6%	73.2%	13.2%
Iowa Lakes	25.7%	70.8%	3.5%	21.6%	75.3%	3.1%
Northwest	14.6%	79.3%	6.1%	9.7%	87.0%	3.3%
Iowa Central	4.0%	96.0%	0.0%	2.4%	97.6%	0.0%
Iowa Valley	12.6%	87.4%	0.0%	9.5%	90.5%	0.0%
Hawkeye	13.9%	64.9%	21.2%	16.4%	66.5%	17.1%
Eastern Iowa	16.6%	73.2%	10.2%	14.8%	74.1%	11.1%
Kirkwood	16.5%	82.8%	0.7%	16.2%	82.7%	1.1%
Des Moines Area	5.5%	89.2%	5.3%	3.8%	91.2%	5.1%
Western Iowa Tech	12.3%	87.7%	0.0%	11.4%	88.6%	0.0%
Iowa Western	7.1%	91.7%	1.2%	4.3%	94.9%	0.7%
Southwestern	23.9%	73.9%	2.1%	16.9%	82.0%	1.1%
Indian Hills	9.0%	87.2%	3.8%	5.9%	91.3%	2.8%
Southeastern	0.0%	87.3%	12.7%	0.0%	86.7%	13.3%
Total	10.7%	83.8%	5.5%	8.1%	87.0%	4.8%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-10: Credit Joint Enrollment by Gender by Offering Arrangement: 2011

College	PSEO		Contracted				Tuition					
	Male	Female	Male	Female	Male	Female	Male	Female				
Northeast Iowa	107	34.2%	206	65.8%	1,046	47.3%	1,166	52.7%	37	37.4%	62	62.6%
North Iowa Area	83	35.2%	153	64.8%	525	50.2%	520	49.8%	63	30.1%	146	69.9%
Iowa Lakes	146	36.4%	255	63.6%	514	46.6%	590	53.4%	17	30.9%	38	69.1%
Northwest	49	37.4%	82	62.6%	361	50.7%	351	49.3%	8	14.5%	47	85.5%
Iowa Central	39	41.1%	56	58.9%	1,310	57.1%	984	42.9%	0	0.0%	0	0.0%
Iowa Valley	61	43.0%	81	57.0%	417	42.6%	563	57.4%	0	0.0%	0	0.0%
Hawkeye	116	38.9%	182	61.1%	637	45.9%	750	54.1%	258	57.0%	195	43.0%
Eastern Iowa	255	37.6%	423	62.4%	1,637	54.6%	1,359	45.4%	145	34.7%	273	65.3%
Kirkwood	249	37.2%	420	62.8%	2,034	60.7%	1,316	39.3%	12	42.9%	16	57.1%
Des Moines Area	264	36.0%	469	64.0%	6,204	51.8%	5,782	48.2%	262	36.5%	455	63.5%
Western Iowa Tech	101	34.8%	189	65.2%	1,007	48.9%	1,052	51.1%	0	0.0%	0	0.0%
Iowa Western	51	35.9%	91	64.1%	815	44.3%	1,024	55.7%	7	28.0%	18	72.0%
Southwestern	75	41.7%	105	58.3%	268	48.2%	288	51.8%	5	31.3%	11	68.8%
Indian Hills	31	27.9%	80	72.1%	674	49.9%	676	50.1%	16	25.8%	46	74.2%
Southeastern	0		0		441	46.1%	516	53.9%	49	35.3%	90	64.7%
Total	1,627	36.8%	2,792	63.2%	17,890	51.4%	16,937	48.6%	879	38.6%	1,397	61.4%

NOTE: In fiscal year 2011, there were 164 students with unknown gender (not included in this table).

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-11: Credit Joint Enrollment by Gender: 2007-2011

College	2007*		2008**		2009***		2010****		2011*****	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast Iowa	1,103 47.6%	1,214 52.4%	1,123 46.6%	1,286 53.4%	1,444 45.6%	1,725 54.4%	1,162 46.9%	1,316 53.1%	1,190 45.4%	1,434 54.6%
North Iowa Area	455 43.2%	599 56.8%	545 43.2%	717 56.8%	689 48.7%	725 51.3%	647 45.5%	776 54.5%	671 45.0%	819 55.0%
Iowa Lakes	736 49.1%	763 50.9%	719 46.1%	842 53.9%	706 40.5%	1,039 59.5%	612 43.1%	808 56.9%	677 43.4%	883 56.6%
Northwest	327 45.6%	390 54.4%	278 45.8%	329 54.2%	286 49.2%	295 50.8%	407 45.5%	487 54.5%	418 46.5%	480 53.5%
Iowa Central	948 55.5%	760 44.5%	1,547 51.1%	1,479 48.9%	1,623 49.2%	1,679 50.8%	1,469 52.8%	1,312 47.2%	1,349 56.5%	1,040 43.5%
Iowa Valley	458 43.0%	606 57.0%	422 41.2%	602 58.8%	488 39.2%	757 60.8%	480 41.8%	667 58.2%	478 42.6%	644 57.4%
Hawkeye	617 42.9%	821 57.1%	697 43.6%	901 56.4%	924 45.2%	1,118 54.8%	915 48.6%	969 51.4%	1,011 47.3%	1,127 52.7%
Eastern Iowa	443 52.9%	394 47.1%	986 47.4%	1,095 52.6%	1,376 47.9%	1,499 52.1%	2,194 50.3%	2,168 49.7%	2,037 49.8%	2,055 50.2%
Kirkwood	971 52.0%	897 48.0%	1,209 47.8%	1,318 52.2%	1,926 52.6%	1,739 47.4%	2,145 54.7%	1,774 45.3%	2,295 56.7%	1,752 43.3%
Des Moines Area	2,222 49.3%	2,284 50.7%	4,509 48.8%	4,740 51.2%	4,756 47.5%	5,256 52.5%	5,431 49.0%	5,643 51.0%	6,730 50.1%	6,706 49.9%
Western Iowa Tech	1,673 53.2%	1,473 46.8%	1,062 56.4%	820 43.6%	1,030 58.8%	722 41.2%	953 52.3%	870 47.7%	1,108 47.2%	1,241 52.8%
Iowa Western	888 47.5%	983 52.5%	830 47.9%	903 52.1%	859 45.1%	1,046 54.9%	796 45.3%	960 54.7%	873 43.5%	1,133 56.5%
Southwestern	258 48.1%	278 51.9%	288 45.6%	344 54.4%	321 40.7%	467 59.3%	293 43.0%	389 57.0%	348 46.3%	404 53.7%
Indian Hills	213 32.4%	444 67.6%	356 34.1%	687 65.9%	440 37.6%	730 62.4%	641 49.3%	658 50.7%	721 47.3%	802 52.7%
Southeastern	145 45.3%	175 54.7%	319 41.7%	446 58.3%	403 39.4%	620 60.6%	414 42.6%	557 57.4%	490 44.7%	606 55.3%
Total	11,457 48.7%	12,081 51.3%	14,890 47.4%	16,509 52.6%	17,271 47.1%	19,417 52.9%	18,559 49.0%	19,354 51.0%	20,396 49.1%	21,126 50.9%

*In fiscal year 2007, there were 84 students with unknown gender (not included in this table).

**In fiscal year 2008, there were 51 students with unknown gender (not included in this table).

***In fiscal year 2009, there were 32 students with unknown gender (not included in this table).

****In fiscal year 2010, there were 370 students with unknown gender (not included in this table).

*****In fiscal year 2011, there were 164 students with unknown gender (not included in this table).

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-12: Credit Joint Enrollment by Racial/Ethnic Background: 2007

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	3	13	5	18	2,179	99	2,317
North Iowa Area	2	10	2	26	976	39	1,055
Iowa Lakes	2	11	1	11	1,440	34	1,499
Northwest	0	1	1	11	667	38	718
Iowa Central	5	49	39	151	1,205	259	1,708
Iowa Valley	9	13	9	38	943	52	1,064
Hawkeye	8	25	73	29	1,287	16	1,438
Eastern Iowa	7	9	9	74	682	56	837
Kirkwood	6	21	20	24	1,600	256	1,927
Des Moines Area	16	144	158	139	3,202	847	4,506
Western Iowa Tech	14	61	36	191	2,112	732	3,146
Iowa Western	4	17	6	23	1,576	245	1,871
Southwestern	0	0	0	0	536	0	536
Indian Hills	3	0	0	7	639	31	680
Southeastern	0	15	4	5	279	17	320
Total	79	389	363	747	19,323	2,721	23,622
% of Total	0.3%	1.6%	1.5%	3.2%	81.8%	11.5%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-13: Credit Joint Enrollment by Racial/Ethnic Background: 2008

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	1	11	6	18	2,312	61	2,409
North Iowa Area	3	17	11	24	1,194	13	1,262
Iowa Lakes	1	11	2	14	1,526	28	1,582
Northwest	2	1	0	12	574	19	608
Iowa Central	3	81	33	247	2,492	170	3,026
Iowa Valley	13	11	9	68	877	55	1,033
Hawkeye	7	31	77	16	1,461	6	1,598
Eastern Iowa	19	25	47	115	1,684	191	2,081
Kirkwood	6	23	24	31	1,910	533	2,527
Des Moines Area	31	315	300	303	7,591	709	9,249
Western Iowa Tech	7	11	8	85	721	1,050	1,882
Iowa Western	4	14	6	23	1,402	284	1,733
Southwestern	2	8	2	17	603	0	632
Indian Hills	24	10	5	12	913	97	1,061
Southeastern	5	17	10	17	669	49	767
Total	128	586	540	1,002	25,929	3,265	31,450
% of Total	0.4%	1.9%	1.7%	3.2%	82.4%	10.4%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-14: Credit Joint Enrollment by Racial/Ethnic Background: 2009

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	6	21	22	17	2,982	121	3,169
North Iowa Area	0	17	5	26	1,350	16	1,414
Iowa Lakes	4	12	3	27	1,691	38	1,775
Northwest	0	0	0	5	563	13	581
Iowa Central	3	42	31	201	2,905	121	3,303
Iowa Valley	9	15	14	102	963	142	1,245
Hawkeye	2	16	76	28	1,915	6	2,043
Eastern Iowa	20	41	55	193	2,315	251	2,875
Kirkwood	17	59	58	67	3,049	425	3,675
Des Moines Area	68	382	361	335	8,251	615	10,012
Western Iowa Tech	4	14	13	117	591	1,069	1,808
Iowa Western	4	11	8	20	1,584	278	1,905
Southwestern	4	9	0	13	757	5	788
Indian Hills	37	8	8	20	993	144	1,210
Southeastern	6	21	25	23	872	77	1,024
Total	184	668	679	1,194	30,781	3,321	36,827
% of Total	0.5%	1.8%	1.8%	3.2%	83.6%	9.0%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-15: Credit Joint Enrollment by Racial/Ethnic Background: 2010

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or More	Unknown	Total
Northeast Iowa	4	5	22	26	2,288	11	122	2,478
North Iowa Area	0	20	7	35	1,351	7	3	1,423
Iowa Lakes	5	11	3	28	1,364	2	40	1,453
Northwest	2	4	0	15	848	3	22	894
Iowa Central	8	51	22	187	2,387	31	95	2,781
Iowa Valley	8	9	7	81	699	5	338	1,147
Hawkeye	2	16	73	21	1,770	1	1	1,884
Eastern Iowa	21	52	127	269	3,564	41	288	4,362
Kirkwood	12	60	84	70	2,859	0	885	3,970
Des Moines Area	47	369	420	577	9,152	252	257	11,074
Western Iowa Tech	16	31	23	120	1,414	4	333	1,941
Iowa Western	8	8	4	25	1,468	3	240	1,756
Southwestern	3	7	0	10	645	1	16	682
Indian Hills	16	16	3	26	1,169	0	237	1,467
Southeastern	7	18	17	24	618	0	287	971
Total	159	677	812	1,514	31,596	361	3,164	38,283
% of Total	0.4%	1.8%	2.1%	4.0%	82.5%	0.9%	8.3%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-16: Credit Joint Enrollment by Racial/Ethnic Background: 2011

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	Two or More	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%	4.2%	78.0%	1.4%	12.2%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-17: Credit Joint Enrollment by College by Residency Status: 2011

College	Iowa	Out-of-State	Inter-national	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

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 5-18: Credit Joint Enrollment by Grade Level: 2011

College	9	10	11	12	Total
Northeast Iowa	58	145	763	1,167	2,133
North Iowa Area	12	51	426	758	1,247
Iowa Lakes	49	142	429	559	1,179
Northwest	27	50	219	416	712
Iowa Central	43	83	549	903	1,578
Iowa Valley	5	31	336	576	948
Hawkeye	89	172	610	786	1,657
Eastern Iowa	190	326	958	1,693	3,167
Kirkwood	364	505	897	1,491	3,257
Des Moines Area	443	1,577	3,916	5,175	11,111
Western Iowa Tech	130	229	588	1,094	2,041
Iowa Western	8	52	613	1,060	1,733
Southwestern	2	3	55	129	189
Indian Hills	51	87	494	789	1,421
Southeastern	18	48	268	465	799
Total	1,489	3,501	11,121	17,061	33,172

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

6

CREDIT STUDENT AWARDS

Fiscal year credit awards track students who received any type of a community college award during fiscal year 2011. Award counts include the same student each time the student receives an award during this period of time. In 2011, the number of awards increased, but the composition of community college awardees remained relatively the same.

In 2010, the number of awards increased by 10.9 percent, compared to 2009. In 2011 the number of awards increased again by 12.7 percent to a record high 17,924. On average, the number of awards in Iowa community colleges has increased four percent since tracking began in fiscal year 2000. Overall, the number of awards has been steady since 2006, while fluctuating between 2000 and 2005 (Figure 6-1).

There are a variety of credit student awards granted by Iowa community colleges. Awards offered include Associate of Arts (AA), Associate of Science (AS), Associate of General Studies (AGS), Associate of Applied Arts (AAA), Associate in Applied Science (AAS), diplomas, and certificates. AA comprised 5,251 (29.3 percent) of the total credit student awards granted during fiscal year 2011. AAS awards accounted for another 5,084 (28.4 percent) of awards issued. The share of AS awards increased from 7.6 percent in 2010 to 7.9

CREDIT AWARDS

LARGEST AWARD TYPE:

ASSOCIATE OF ARTS (AA)

167 more awards than Associates of Applied Science

NUMBER OF AWARDS:

17,924

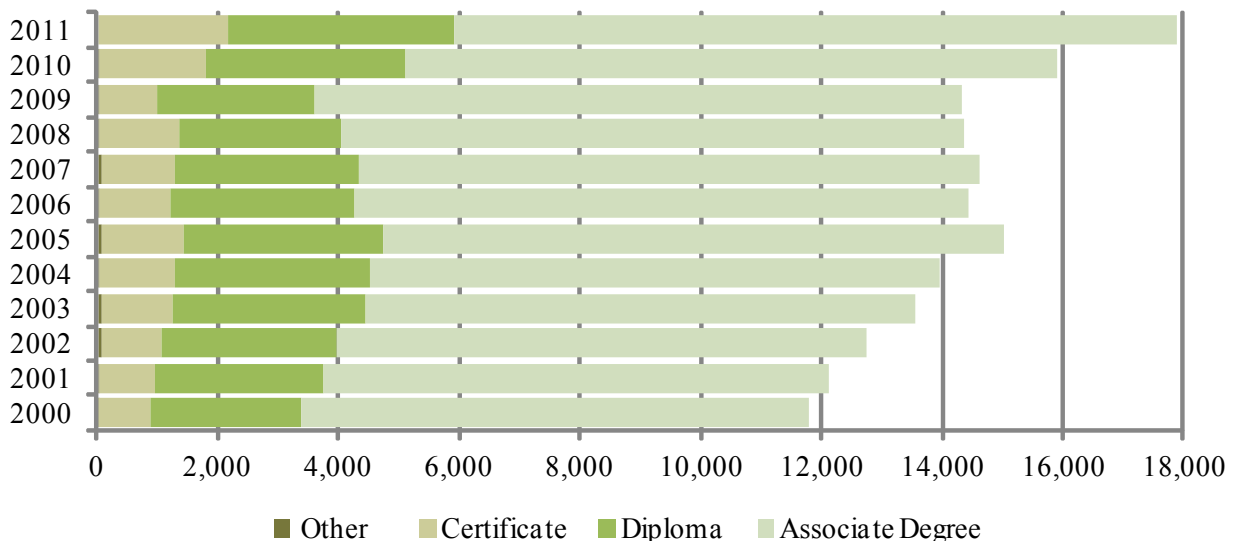
INCREASED SINCE LAST YEAR:

↑ 13%

percent in 2011. The share of certificates increased from 11 to 12.2 percent, to a record high 2,180 between the same years; the same is true for diplomas: 13.1 percent increase to a record high of 3,752.

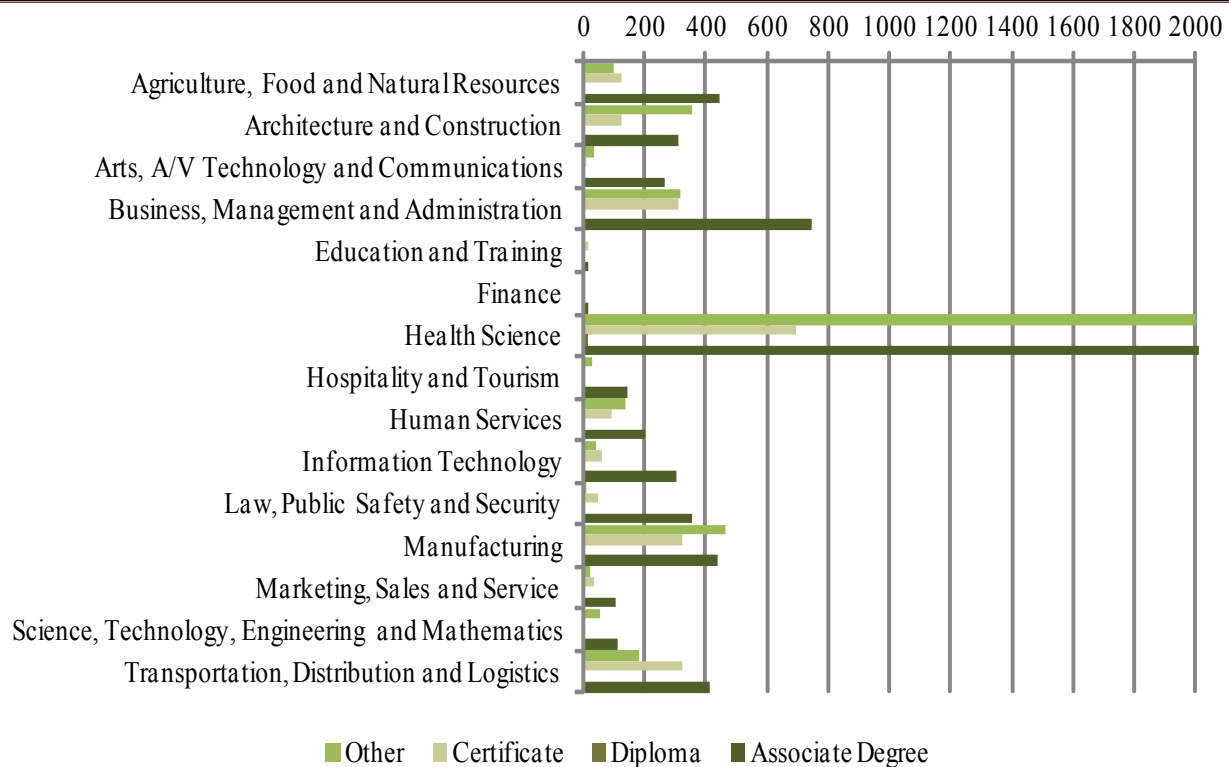
Credit student awards by program majors have remained fairly consistent over the past five years. All areas reflect some fluctuations between fiscal year 2006 and fiscal year 2011. In career and technical education (CTE) programs, the largest number of awards was granted in the health science, followed by business, manufacturing, architecture and construction, transportation, distribution and logistics, and agriculture, food, and natural resources programs. Steadily over the last 12 years, the prevailing number of degrees (close

Figure 6-1: Awards by Type: 2000-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-1.

Figure 6-2: Fiscal Year Student Award by Program Major: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-15.

to 50 percent) were Associate’s degrees, followed by diplomas and certificates (Figure 6-2).

Although the national data does not classify program areas in the same educational clusters, recent data is analogous to Iowa community colleges. Like Iowa, most awards were granted in general studies intended to prepare for a four-year degree, followed by health/clinical sciences, and business (Provasnik and Planty, 2008).

Awardees Demographics

The typical community college awardee is a white female with an AA or AAS in health science degree. While in general, the same distribution is true for credit student enrollment, the awards tend to be distributed heavier towards women. While 56 percent of all enrollees in Iowa community colleges in 2011 were women, 58 percent of all awardees in 2011 were women (Figure 6-3). Nationally, women also earn more awards than men (National Center for Educational Statistics, 2010): 62 percent of Associate Degree awards were given to women in the U.S.

The similar trend is present for the racial distribution: while whites comprise close to 82 percent of Iowa community college enrollees in 2011, they comprise 90 percent of all community college awardees in 2011.

The distribution of awards among racial minorities

does not mirror enrollment, either. Blacks are still the largest group of enrollees among the racial and ethnic minorities (44.6 percent) in 2011, but comprise the second largest group of awardees (36 percent), while the students of Hispanic origin comprise 38.6 percent of all

Figure 6-3: Awards by Gender: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-3.

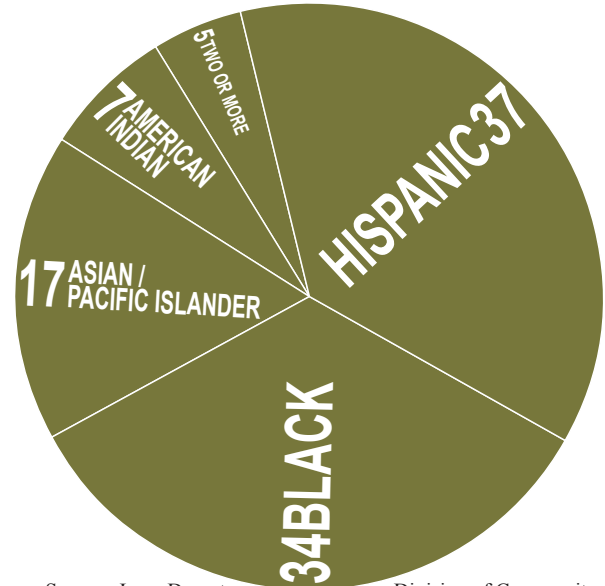
awardees among racial and ethnic minorities, with only 28.9 percent of all minority enrollees in 2011 (Figure 6-4).

Similar to all awardees, the overwhelming majority of awards received by racial minorities falls into two-year degrees (62.9 percent in 2011), followed by diplomas (22.4 percent in 2011) and certificates (14.6 percent in 2011). Similar to the entire community college population, the number of awards among racial and ethnic minorities kept growing, with some fluctuations, from 2000 to 2011 (Figure 6-6).

In 2011, over 40 percent of all CTE awards were in health science. The gender distribution, however, is even higher—62 percent of all CTE awards received by women were in health science. Women also lead in business, arts and communications, while men receive more awards in transportation, manufacturing, and construction and agriculture (Figure 6-5).

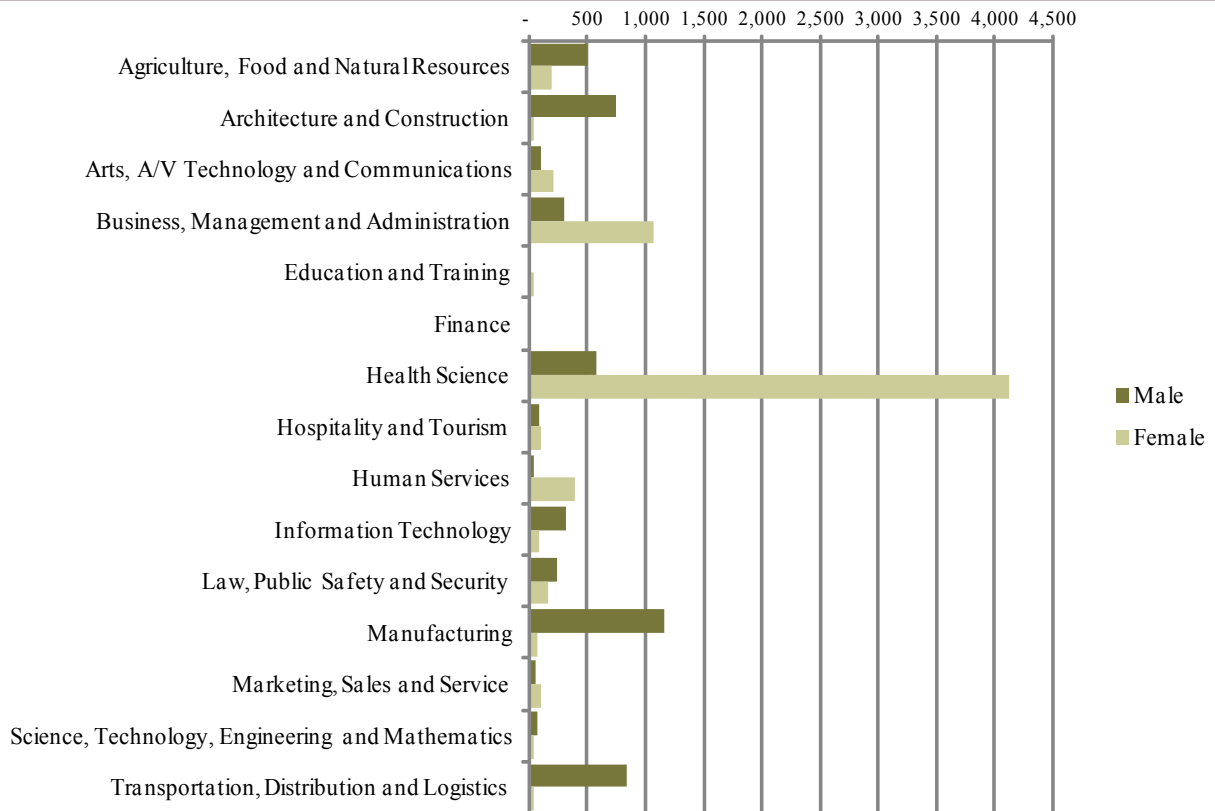
The majority of CTE awards for racial and ethnic minorities were among health science students, followed by awards in business. The distribution of awards was similar to all awardees; for example, 40.6 percent of all CTE awards fell into health science for minorities (Figure 6-7).

Figure 6-4: Awards by Racial and Ethnic Minorities: 2011



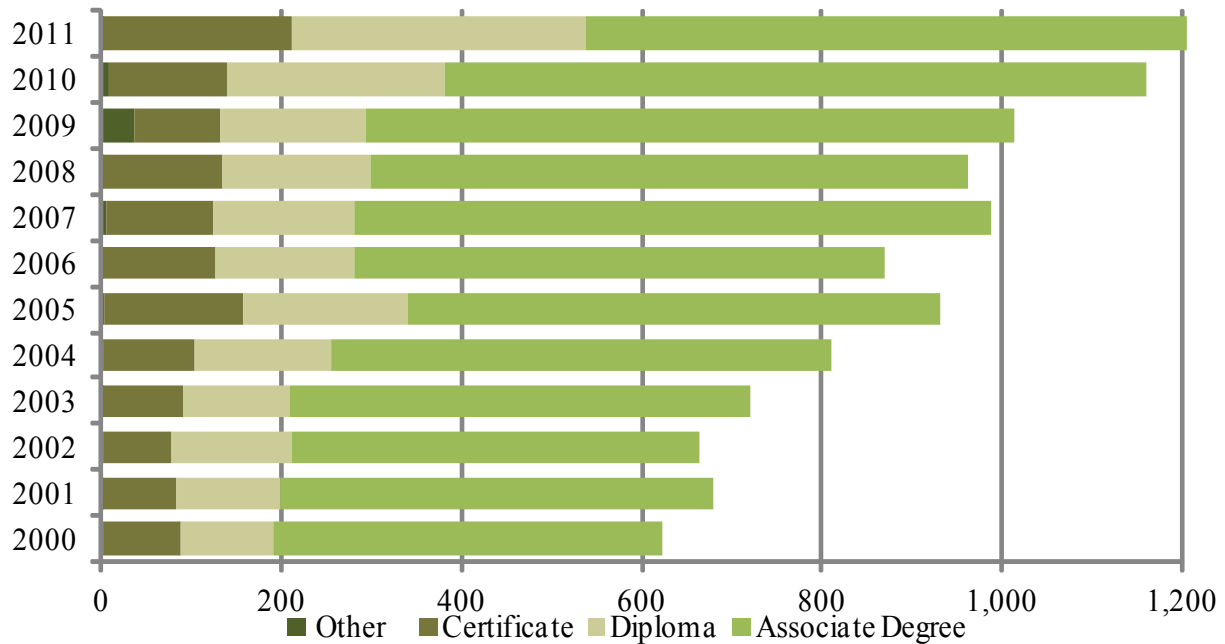
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-42.

Figure 6-5: Award by Gender by Career Cluster: 2011



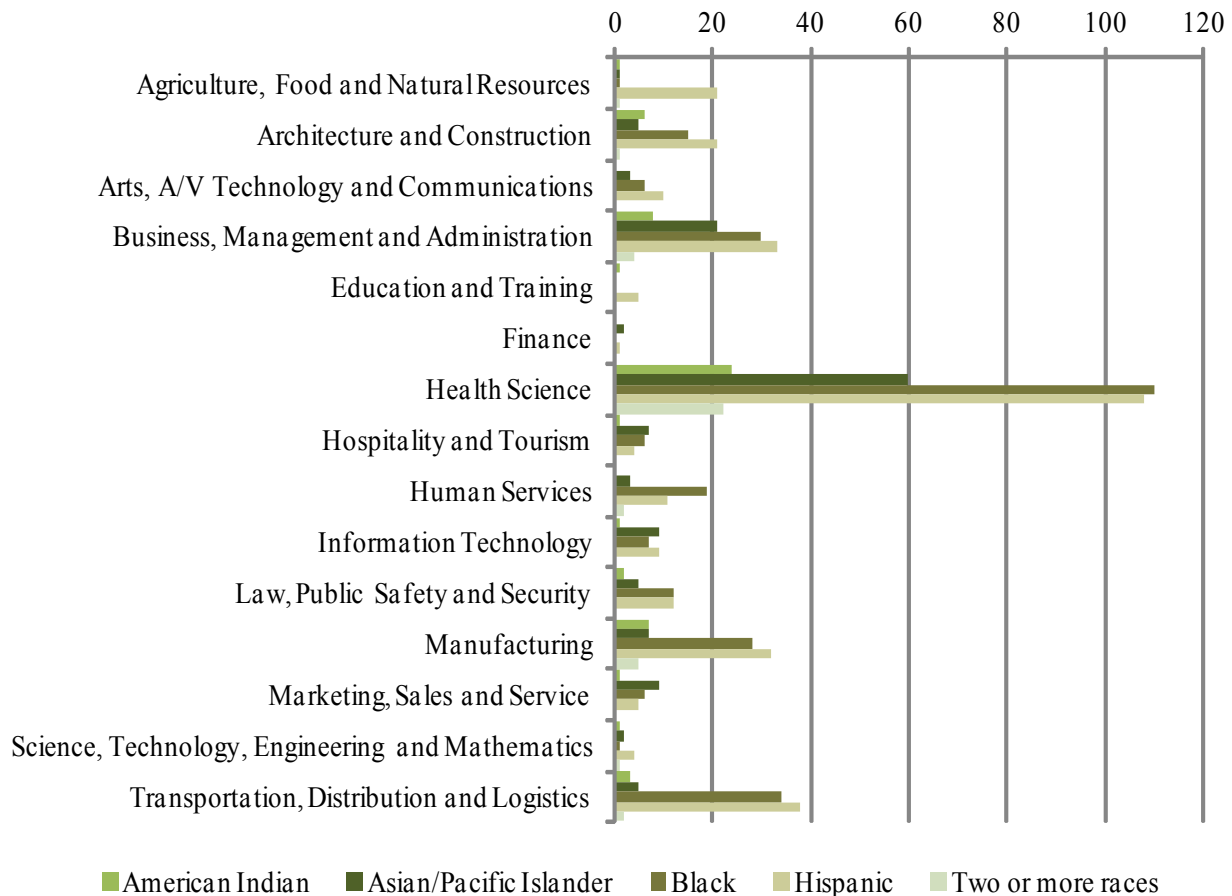
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-3.

Figure 6-6: Credit Student Awards within Racial/Ethnic Minority Group: 2000-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-4.

Figure 6-7: Credit Student Awards by Program Major by Racial/Ethnic Group: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 6-37.

Table 6-1: Awards by Type: 2007–2011

Award Type	2007	2008	2009	2010	2011
AA	4,683	4,551	4,817	4,919	5,251
AS	1,053	1,112	1,165	1,205	1,410
AGS	72	78	88	110	163
AAA	52	57	66	69	65
AAS	4,398	4,527	4,587	4,482	5,084
Diploma	3,055	2,689	2,595	3,317	3,752
Certificate	1,221	1,330	978	1,753	2,180
Other	82	40	40	43	19
Total	14,616	14,384	14,336	15,898	17,924

Note: Each "I" denotes 500 students. Students may have received more than one award type. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-2: Awards by Career Cluster: 2007–2011

Cluster	2007	2008	2009	2010	2011
Agriculture, Food and Natural Resources	511	496	555	554	681
Architecture and Construction	601	693	603	640	792
Arts, A/V Technology and Communications	243	238	247	287	315
Business, Management and Administration	1,102	1,129	1,114	1,212	1,375
Education and Training	34	55	48	25	40
Finance	12	9	13	10	15
Government and Public Administration	35	38	40	0	0
Health Science	4,401	4,149	3,858	4,563	4,696
Hospitality and Tourism	140	147	153	163	171
Human Services	219	221	170	343	434
Information Technology	381	335	360	329	405
Law, Public Safety and Security	354	377	345	355	406
Manufacturing	566	655	690	933	1,223
Marketing, Sales and Service	211	232	155	212	158
Science, Technology, Engineering and Mathematics	92	64	92	98	107
Transportation, Distribution and Logistics	634	649	568	603	877
College Transfer (Parallel)	5,100	4,913	5,350	5,584	6,366
Total	14,636	14,400	14,361	15,911	18,061

Note: Each “|” denotes 500 students. Students may have received award in multiple clusters. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-3: Awards by Career Cluster and Gender : 2007–2011

Cluster	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Agriculture, Food and Natural Resources	349	146	384	102	434	117	415	136	495	186
Architecture and Construction	560	37	625	58	563	34	605	28	752	40
Arts, A/V Technology and Communications	77	165	94	142	93	152	121	165	108	207
Business, Management and Administration	191	903	248	871	246	860	317	889	307	1,068
Education and Training	7	26	5	49	10	35	7	18	7	33
Finance	7	5	2	7	3	10	4	6	6	9
Government and Public Administration	6	29	3	35	2	38	0	0	0	0
Health Science	370	3,991	350	3,722	321	3,518	381	4,097	574	4,122
Hospitality and Tourism	62	77	62	81	66	87	73	88	78	93
Human Services	5	214	8	182	2	164	32	309	36	398
Information Technology	275	99	252	82	294	65	265	63	316	89
Law, Public Safety and Security	193	158	205	168	212	130	198	153	240	166
Manufacturing	530	33	613	31	637	42	885	44	1,158	65
Marketing, Sales and Service	101	105	89	141	59	96	97	115	61	97
Science, Technology, Engineering and Mathematics	60	31	41	18	45	21	73	20	67	40
Transportation, Distribution and Logistics	606	21	611	32	539	16	554	31	838	39
College Transfer (Parallel)	2,041	2,992	1,967	2,886	2,203	3,061	2,332	3,174	2,553	3,813
Total	5,440	9,032	5,559	8,607	5,729	8,446	6,359	9,336	7,596	10,465

Note: Each "|" denotes 300 students. Does not include student with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2007 = 144 (1%); fiscal year 2008 = 190 (1.3%); fiscal year 2009 = 161 (1.1%); fiscal year 2010 = 216(1.4%); fiscal year 2011 = 31 (0.2%); Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-4: Award Types by Race: 2007–2011

Award Type	2007		2008		2009		2010		2011	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
AA	4,055	367	3,973	321	4,102	371	3,815	391	4,226	440
AS	923	75	984	82	965	96	945	105	1,118	152
AGS	58	12	66	9	69	4	87	7	132	16
AAA	48	2	53	3	62	4	66	1	62	4
AAS	3,910	251	4,077	249	4,040	243	3,605	275	4,274	299
Diploma	2,779	158	2,417	164	2,319	163	2,630	241	3,003	325
Certificate	1,022	117	1,084	134	797	94	1,049	131	1,215	211
Other	71	7	39	1	35	3	33	8	17	1
Total	12,866	989	12,693	963	12,389	978	12,230	1,159	14,047	1,557
% of Total	88.0%	6.8%	88.2%	6.7%	86.4%	6.8%	91.3%	8.7%	90.0%	10.0%

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2007 = 610 (4.2%); fiscal year 2008 = 728 (5.1%); fiscal year 2009 = 679 (4.7%); fiscal year 2010 = 1,333 (9.3%); fiscal year 2011 = 1,799 (10.6%). Students may have received more than one award. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-5: Awards by Career Cluster and Race: 2007–2011

Cluster	2007		2008		2009		2010		2011	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
Agriculture, Food and Natural Resources	460	14	464	8	497	5	508	12	473	25
Architecture and Construction	518	36	607	43	528	36	509	40	534	48
Arts, A/V Technology and Communications	210	17	217	13	221	13	245	13	255	19
Business, Management and Administration	960	100	974	113	935	92	916	127	864	96
Education and Training	19	10	37	13	41	3	14	7	26	6
Finance	10	1	8	0	10	0	5	1	10	3
Government and Public Administration	25	9	28	7	32	4	0	0	0	0
Health Science	3,985	242	3,724	237	3,450	220	3,731	275	3,806	324
Hospitality and Tourism	121	11	133	7	117	19	129	13	119	18
Human Services	193	13	180	5	146	8	276	28	310	35
Information Technology	339	22	299	29	308	21	265	28	316	26
Law, Public Safety and Security	308	22	333	24	299	28	278	27	308	31
Manufacturing	512	31	563	43	615	42	746	82	779	79
Marketing, Sales and Service	187	8	205	13	120	13	177	9	109	21
Science, Technology, Engineering and Mathematics	49	21	34	15	63	3	58	18	74	9
Transportation, Distribution and Logistics	557	37	576	39	475	55	473	49	605	82
College Transfer (Parallel)	4,413	395	4,284	353	4,532	416	4,370	674	4,855	674
Total	12,866	989	12,666	962	12,389	978	12,700	1,403	13,443	1,315
Percent of Total	92.9%	7.1%	92.9%	7.1%	92.7%	7.3%	89.0%	11.1%	90.2%	9.8%

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2007 = 610 (4.2%); fiscal year 2008 = 728 (5.1%); fiscal year 2009 = 969 (6.7%); fiscal year 2010 = 1,376 (8.6%); fiscal year 2011 = 1,284 (8.7%). Students may have received more than one award. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-6: Awards by Career Cluster and College: 2007

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	52	9	56	0	6	13	77	28	167	47	12	21	3	6	14	511
Architecture and Construction	52	12	29	72	46	31	39	29	91	73	51	23	27	18	8	601
Arts, A/V Technology and Communications	0	0	23	0	8	6	50	15	52	47	11	20	2	0	9	243
Business, Management and Administration	92	73	33	29	34	21	46	183	131	214	101	15	27	43	60	1,102
Education and Training	0	1	0	0	0	0	0	2	4	11	3	13	0	0	0	34
Finance	0	0	0	0	0	0	0	0	10	0	2	0	0	0	0	12
Government and Public Administration	3	0	0	0	0	0	0	0	12	20	0	0	0	0	0	35
Health Science	347	317	193	108	195	127	578	334	539	454	344	217	102	361	185	4,401
Hospitality and Tourism	0	1	10	0	0	0	0	11	52	44	14	0	0	8	0	140
Human Services	13	2	23	0	6	4	20	21	25	24	22	14	0	36	9	219
Information Technology	17	23	5	14	15	5	24	35	85	47	20	9	9	65	8	381
Law, Public Safety and Security	0	32	23	0	13	8	29	0	100	74	41	0	0	13	21	354
Manufacturing	28	7	11	17	65	8	76	16	48	74	46	12	0	122	36	566
Marketing, Sales and Service	27	0	8	0	0	4	7	0	38	95	13	19	0	0	0	211
Science, Technology, Engineering and Mathematics	0	0	1	0	6	0	3	41	5	0	2	23	0	11	0	92
Transportation, Distribution and Logistics	26	13	53	28	21	0	54	122	45	80	65	32	39	47	9	634
College Parallel	189	346	175	28	339	270	338	680	863	706	145	334	98	355	234	5,100
Total	846	836	643	296	754	497	1,341	1,517	2,267	2,010	878	766	307	1,085	593	14,636

NOTE: Students may have received awards in more than one cluster.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-7: Awards by Career Cluster and College: 2008

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	52	21	43	0	3	20	82	21	134	67	6	21	6	8	12	496
Architecture and Construction	61	14	46	78	33	21	34	38	56	99	114	28	39	18	14	693
Arts, A/V Technology and Communications	0	2	16	0	7	3	53	13	51	48	11	18	4	0	12	238
Business, Management and Administration	83	64	40	25	43	25	31	143	121	262	108	25	29	71	59	1,129
Education and Training	0	3	0	0	0	0	0	2	5	28	2	15	0	0	0	55
Finance	0	0	0	0	0	0	0	0	8	0	1	0	0	0	0	9
Government and Public Administration	1	0	0	0	0	0	0	0	17	20	0	0	0	0	0	38
Health Science	328	382	198	82	221	124	575	185	317	456	337	235	112	402	195	4,149
Hospitality and Tourism	0	4	10	0	0	0	0	9	40	57	0	13	0	14	0	147
Human Services	8	28	17	0	18	5	12	28	20	22	23	12	0	22	6	221
Information Technology	22	18	6	7	6	5	22	32	55	34	8	13	27	73	7	335
Law, Public Safety and Security	0	31	14	0	22	8	36	0	100	76	47	0	0	19	24	377
Manufacturing	24	14	8	35	70	15	80	32	52	91	49	19	0	122	44	655
Marketing, Sales and Service	18	2	5	2	0	6	15	0	40	113	14	17	0	0	0	232
Science, Technology, Engineering and Mathematics	0	3	2	0	6	0	6	23	3	0	7	6	0	8	0	64
Transportation, Distribution and Logistics	17	12	55	42	29	0	51	108	20	91	53	49	35	64	23	649
Total	782	898	640	297	793	466	1,356	1,183	1,878	2,202	911	814	338	1,183	659	14,400

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 charts.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-8: Awards by Career Cluster and College: 2009

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	18	41	12	20	120	24	142	86	2	9	4	5	16	554	
Architecture and Construction	47	29	60	102	34	28	30	14	56	75	46	20	27	24	11	603
Arts, A/V Technology and Communications	7	6	14	10	2	62	17	45	49	4	4	19	4	8	247	
Business, Management and Administration	102	65	32	18	59	24	56	182	88	258	57	30	29	45	68	1,113
Education and Training	4	4	9	15	4	13	45	10	3	10	3	13	4	45	45	
Finance	4	4	10	2	34	40	40	2	34	40	3	13	4	13	13	40
Government and Public Administration	296	397	161	78	229	124	236	220	401	440	270	256	129	388	230	3,855
Health Science	1	9	1	5	54	59	14	10	153	153	153	153	153	153	153	153
Hospitality and Tourism	15	4	12	10	5	24	15	16	19	13	17	16	4	170	170	170
Human Services	22	13	5	3	26	7	45	35	54	55	12	7	14	50	12	360
Information Technology	39	14	34	10	29	51	88	52	345	345	345	345	345	345	345	345
Law, Public Safety and Security	17	15	17	42	74	13	81	31	58	92	44	12	152	39	687	687
Manufacturing	11	4	4	15	21	73	7	20	155	155	155	155	155	155	155	155
Marketing, Sales and Service	162	319	146	19	361	240	350	515	1,146	786	141	385	102	435	243	5,350
Science, Technology, Engineering and Mathematics	4	3	4	2	9	7	16	36	90	90	90	90	90	90	90	90
Transportation, Distribution and Logistics	15	13	42	23	32	85	72	29	76	40	45	24	35	25	556	556
College Transfer (Parallel)	753	931	560	285	886	473	1,135	1,148	2,180	2,205	711	883	333	1,178	675	14,336
Total																

Note: Students may have received awards in more than one cluster. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-9: Awards by Career Cluster and College: 2010

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	13	58	9	22	100	26	138	91	2	17	5	4	9	554	
Architecture and Construction	59	25	34	114	11	23	28	76	88	81	31	27	12	8	640	
Arts, A/V Technology and Communications	5	6	14	4	21	2	66	8	47	77	15	13	3	6	287	
Business, Management and Administration	103	85	21	29	71	18	49	202	172	238	65	24	26	60	49	1,212
Education and Training	2					4	1	15	1	2						25
Finance						7				3						10
Government and Public Administration																0
Health Science	301	414	227	84	357	117	245	200	523	523	302	271	120	636	243	4,563
Hospitality and Tourism	4	4	9	9	9	6	48	62	16	9	163					
Human Services	31	4	20	33	9	17	23	24	126	14	18	17	7	343		
Information Technology	4	16	13	3	9	3	34	24	90	55	13	10	9	38	8	329
Law, Public Safety and Security	1	28	16	43	2	33	29	107	48	24	24	355				
Manufacturing	21	55	22	30	78	30	116	99	146	43	15	149	64	933		
Marketing, Sales and Service	21	5	7	1	23	29	111	7	8	212						
Science, Technology, Engineering and Mathematics	5	7	15	2	32	9	15	8	5	98						
Transportation, Distribution and Logistics	26	8	41	27	35	77	46	36	64	41	33	21	114	34	603	
College Transfer (Parallel)	206	341	165	33	375	293	391	522	972	970	126	384	98	381	327	5,584
Total	838	1,011	654	324	1,066	520	1,181	1,215	2,266	2,673	776	850	309	1,449	779	15,911

Note: Students may have received awards in more than one cluster. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-10: 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	548
Architecture and Construction	57	19	52	92	26	16	27	29	91	81	67	29	25	24	7	642
Arts, A/V Technology and Communications	8	7	11	9	13	3	61	14	38	71	21	25	4	10	10	295
Business, Management and Administration	85	57	49	34	56	32	30	113	146	213	60	15	32	51	50	1,023
Education and Training	5	5	1	1	1	1	1	1	1	12	9	9				36
Finance		4							7		4					15
Government and Public Administration																0
Health Science	295	387	140	87	227	140	269	209	547	510	348	288	119	581	227	4,374
Hospitality and Tourism		1	13		14			4	60	46		7		7		152
Human Services	24	1	24		38	6	24	21	7	155	27	16		23	8	374
Information Technology	23	15	9	6	16	11	36	24	79	58	15	8	11	45	10	366
Law, Public Safety and Security	14	20	20		33	7	51		35	99	57			19	29	364
Manufacturing	26	39	17	38	92	41	161	39	62	129	46	12	7	147	56	912
Marketing, Sales and Service	20	4	5				18		29	51	8	6				141
Science, Technology, Engineering and Mathematics		9	5		13		2	3	1		36	7		10	1	87
Transportation, Distribution and Logistics	19	20	66	34	47		84	109	29	77	35	42	25	93	30	710
College Transfer (Parallel)	178	287	190	38	328	282	394	482	1,479	1,061	119	378	102	439	278	6,035
Total	796	893	657	339	920	564	1,262	1,064	2,756	2,616	853	860	338	1,441	715	16,074

Note: Students may have received awards in more than one cluster. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-11: Awards by Career Cluster and Award Type: 2007

Career Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-Completed	Total
Agriculture, Food and Natural Resources	2	28	0	0	358	50	66	0	7	511
Architecture and Construction	0	2	0	0	251	308	37	0	3	601
Arts, A/V Technology and Communications	10	31	0	52	137	11	2	0	0	243
Business, Management and Administration	11	285	1	0	373	244	174	14	0	1,102
Education and Training	2	4	0	0	14	0	11	2	1	34
Finance	0	0	0	0	4	0	0	8	0	12
Government and Public Administration	10	18	0	0	0	0	2	5	0	35
Health Science	3	17	0	0	1,835	1,889	637	20	0	4,401
Hospitality and Tourism	0	0	0	0	118	7	14	0	1	140
Human Services	21	38	0	0	76	71	8	5	0	219
Information Technology	0	31	0	0	252	45	53	0	0	381
Law, Public Safety and Security	80	109	0	0	108	4	32	21	0	354
Manufacturing	0	1	0	0	312	196	56	0	1	566
Marketing, Sales and Service	1	11	0	0	135	27	28	7	2	211
Science, Technology, Engineering and Mathematics	0	11	0	0	63	1	17	0	0	92
Transportation, Distribution and Logistics	0	5	0	0	358	194	75	0	2	634
College Transfer (Parallel)	4,543	462	71	0	4	8	9	0	3	5,100
Total	4,683	1,053	72	52	4,398	3,055	1,221	82	20	14,636

NOTE: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Each “|” denotes five percent of total.
 SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-12: Awards by Career Cluster and Award Type: 2008

Career Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-Completed	Total
Agriculture, Food and Natural Resources	0	26	0	0	376	28	61	0	5	496
Architecture and Construction	0	6	0	0	310	287	90	0	0	693
Arts, A/V Technology and Communications	8	27	0	57	139	4	2	0	1	238
Business, Management and Administration	8	302	0	0	375	227	217	0	0	1,129
Education and Training	2	11	0	0	16	3	22	0	1	55
Finance	0	7	0	0	2	0	0	0	0	9
Government and Public Administration	14	22	0	0	0	0	2	0	0	38
Health Science	1	26	0	0	1,813	1,632	636	40	1	4,149
Hospitality and Tourism	0	1	0	0	135	5	6	0	0	147
Human Services	30	51	0	0	60	53	25	0	2	221
Information Technology	0	27	0	0	256	29	22	0	1	335
Law, Public Safety and Security	94	136	0	0	123	5	19	0	0	377
Manufacturing	0	2	0	0	346	225	80	0	2	655
Marketing, Sales and Service	0	27	0	0	122	30	52	0	1	232
Science, Technology, Engineering and Mathematics	0	7	0	0	54	1	2	0	0	64
Transportation, Distribution and Logistics	0	6	0	0	399	153	91	0	0	649
College Transfer (Parallel)	4,393	428	78	0	1	7	4	0	2	4,913
Total	4,550	1,112	78	57	4,527	2,689	1,331	40	16	14,400

NOTE: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Each “|” denotes five percent of total. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-13: Awards by Career Cluster and Award Type: 2009

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-com-	
									pleters	Total
Agriculture, Food and Natural Resources	0	20	0	0	413	34	87	0	1	555
Architecture and Construction	2	9	0	0	300	265	27	0	0	603
Arts, A/V Technology and Communications	0	24	0	66	147	9	1	0	0	247
Business, Management and Administration	2	319	0	0	386	228	178	0	1	1,114
Education and Training	0	11	0	0	22	2	10	0	1	46
Finance	0	6	0	0	7	0	0	0	0	13
Government and Public Administration	0	35	0	0	0	0	5	0	0	40
Health Science	5	13	0	0	1,860	1595	347	35	3	3,858
Hospitality and Tourism	0	0	0	0	134	15	4	0	0	153
Human Services	0	53	0	0	77	26	14	0	0	170
Information Technology	2	21	0	0	264	43	30	0	0	360
Law, Public Safety and Security	32	152	0	0	122	8	31	0	0	345
Manufacturing	0	1	0	0	357	242	87	0	3	690
Marketing, Sales and Service	0	16	0	0	90	14	35	0	0	155
Science, Technology, Engineering and Mathematics	0	6	0	0	77	0	7	0	2	92
Transportation, Distribution and Logistics	0	4	0	0	331	106	115	0	12	568
College Transfer (Parallel)	4,774	475	88	0	0	8	0	5	0	5,350
Total	4,817	1,165	88	66	4,587	2,595	978	40	23	14,359

Note: Each "1" denotes 100 students. College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-14: Awards by Career Cluster and Award Type: 2010

Cluster	Award Type										Non-completers		Total
	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	completers				
Agriculture, Food and Natural Resources	1	28	0	0	355	69	100	0	1	554			
Architecture and Construction	0	1	0	0	270	305	60	0	4	640			
Arts, AV Technology and Communications	0	21	0	69	157	29	9	0	2	287			
Business, Management and Administration	4	285	0	0	393	286	244	0	0	1,212			
Education and Training	0	8	0	0	6	1	10	0	0	25			
Finance	0	4	0	0	6	0	0	0	0	10			
Government and Public Administration	0	0	0	0	0	0	0	0	0	0			
Health Science	4	13	0	0	1,866	1,959	692	29	0	4,563			
Hospitality and Tourism	0	1	0	0	137	12	10	0	3	163			
Human Services	0	96	0	0	91	99	56	0	1	343			
Information Technology	0	35	0	0	209	33	52	0	0	329			
Law, Public Safety and Security	36	153	0	0	124	12	30	0	0	355			
Manufacturing	0	0	0	0	376	322	235	0	0	933			
Marketing, Sales and Service	0	13	0	0	117	29	53	0	0	212			
Science, Technology, Engineering and Mathematics	0	4	0	0	83	3	8	0	0	98			
Transportation, Distribution and Logistics	0	2	0	0	291	151	157	0	2	603			
College Transfer (Parallel)	4,874	541	110	0	1	7	37	14	0	5,584			
Total	4,919	1,205	110	69	4,482	3,317	1,753	43	13	15,911			

Note: Each "1" denotes 100 students College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-15: 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: Each "I" denotes 100 students College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-16: Awards in Agriculture, Food, and Natural Resources by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	45	6	42	10	50	5	48	12	56	5
North Iowa Area	9	0	20	1	18	0	12	1	18	6
Iowa Lakes	48	7	41	2	37	4	53	5	50	6
Northwest	0	0	0	0	0	0	0	0	1	0
Iowa Central	5	1	2	1	11	1	9	0	15	2
Iowa Valley	7	6	14	6	16	4	15	7	16	10
Hawkeye	59	17	60	22	84	36	65	33	74	31
Eastern Iowa	20	7	17	3	21	3	22	4	10	6
Kirkwood	98	66	98	32	107	32	84	53	104	42
Des Moines Area	31	16	55	12	63	23	81	10	31	22
Western Iowa Tech	3	8	2	4	0	2	2	0	1	0
Iowa Western	12	2	14	2	9	0	13	4	18	0
Southwestern	3	0	3	3	2	2	1	4	11	2
Indian Hills	4	2	7	1	5	0	2	2	2	0
Southeastern	5	8	9	3	11	5	8	1	6	3
Total by Gender	349	146	384	102	434	117	415	136	413	135
Total	495	486	551	551	548	548	548	548	548	548

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-17: Awards Architecture and Construction by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	51	1	59	1	46	1	57	1	51	6
North Iowa Area	11	1	14	0	29	0	23	1	16	3
Iowa Lakes	28	1	46	0	56	3	33	1	50	2
Northwest	71	1	76	2	102	0	111	3	90	2
Iowa Central	44	2	28	4	29	3	10	1	25	1
Iowa Valley	28	3	18	3	27	1	22	1	15	1
Hawkeye	36	3	29	3	27	3	26	1	26	1
Eastern Iowa	29	0	30	8	14	0	22	1	28	1
Kirkwood	86	4	47	7	43	12	67	6	89	2
Des Moines Area	63	10	89	10	71	4	82	6	73	8
Western Iowa Tech	44	7	105	6	44	2	78	2	65	2
Iowa Western	20	0	21	6	18	2	30	1	29	0
Southwestern	26	1	36	3	26	1	25	2	23	2
Indian Hills	17	1	16	2	20	2	11	1	22	2
Southeastern	6	2	11	3	11	0	8	0	6	1
Total by Gender	560	37	625	58	563	34	605	28	608	34
Total	597	597	683	597	633	642				

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-18: Awards in Arts, A/V Technology, and Communications by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	1	6	0	5	3	5
North Iowa Area	0	0	0	2	3	3	1	5	1	6
Iowa Lakes	8	15	8	8	5	9	8	6	2	9
Northwest	0	0	0	0	0	0	0	4	1	8
Iowa Central	5	3	5	2	5	5	16	5	8	5
Iowa Valley	4	2	1	2	2	0	2	0	0	3
Hawkeye	10	39	14	38	14	48	14	51	12	49
Eastern Iowa	2	13	3	10	3	14	3	5	3	11
Kirkwood	12	40	14	37	20	24	16	31	10	28
Des Moines Area	23	24	26	22	23	26	45	32	32	39
Western Iowa Tech	2	9	8	3	1	2	7	8	8	13
Iowa Western	10	10	9	8	13	6	7	6	14	11
Southwestern	1	1	3	1	1	3	1	2	3	1
Indian Hills	0	0	0	0	0	0	0	0	8	2
Southeastern	0	9	3	9	2	6	1	5	105	5
Total by Gender	77	165	94	142	93	152	121	165	210	195
Total	242	236	245	286	405					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-19: Awards in Business Management and Administration by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	12	79	18	62	17	84	17	86	19	66
North Iowa Area	18	53	19	43	17	47	18	67	11	46
Iowa Lakes	8	25	8	32	8	24	3	18	13	36
Northwest	3	26	4	21	2	16	8	21	8	26
Iowa Central	8	26	7	36	19	38	28	41	18	38
Iowa Valley	0	21	1	24	1	23	3	15	4	28
Hawkeye	4	42	2	29	3	53	2	47	0	30
Eastern Iowa	10	171	33	110	20	162	68	132	22	91
Kirkwood	30	99	27	93	29	58	65	106	35	111
Des Moines Area	55	159	68	194	81	177	67	171	68	145
Western Iowa Tech	28	72	37	68	23	33	17	47	18	42
Iowa Western	2	13	3	22	6	24	3	21	4	11
Southwestern	6	21	8	21	7	22	2	24	9	23
Indian Hills	2	41	5	66	1	44	9	51	2	49
Southeastern	5	55	8	50	12	55	7	42	10	40
Total by Gender	191	903	248	871	246	860	317	889	241	782
Total	1094	1119	1106	1106	1206	1023				

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-20: Awards in Education and Training by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	1	0	0	3	2	2	1	1	0	5
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	2	1	1	0	9	0	4	0	1
Kirkwood	0	4	0	5	0	0	0	1	0	0
Des Moines Area	5	6	4	24	7	8	6	9	6	6
Western Iowa Tech	0	3	0	2	0	4	0	1	0	9
Iowa Western	1	11	0	14	1	12	0	2	1	8
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	7	26	5	49	10	35	7	18	7	29
Total	33	54	54	45	25	36				

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-21: Awards in Finance by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	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	2	2
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	6	4	1	7	3	7	3	4	4	3
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	1	1	1	0	0	3	1	2	0	4
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	7	5	2	7	3	10	4	6	6	9
Total	12	9	13	10	10	15				

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-22: Awards in Government and Public Administration: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	1	2	0	1	0	4	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	2	10	2	15	0	2	0	0	0	0
Des Moines Area	3	17	1	19	2	32	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	6	29	3	35	2	38	0	0	0	0
Total	35	38	38	40	0	0	0	0	0	0

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-23: Awards in Health Science by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	26	321	28	300	19	277	22	278	23	272
North Iowa Area	33	267	49	295	42	345	50	364	42	345
Iowa Lakes	21	172	19	179	18	142	27	198	19	121
Northwest	8	100	6	76	10	68	7	77	8	79
Iowa Central	12	183	15	204	19	208	19	338	19	208
Iowa Valley	8	119	6	118	6	118	11	106	10	130
Hawkeye	38	518	32	511	13	223	22	223	20	249
Eastern Iowa	30	304	13	172	20	200	12	188	15	194
Kirkwood	46	493	24	292	38	363	39	483	63	484
Des Moines Area	38	416	43	413	39	401	45	478	40	470
Western Iowa Tech	25	318	23	313	17	253	23	277	30	318
Iowa Western	21	196	23	210	27	227	26	245	24	264
Southwestern	11	91	12	99	9	120	10	110	15	104
Indian Hills	32	329	37	365	28	360	51	506	48	502
Southeastern	21	164	20	175	16	213	17	225	20	207
Total by Gender	370	3991	350	3722	321	3518	381	4096	396	3947
Total	4361	4072	3839	4477	4343					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-24: Awards in Hospitality and Tourism by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	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	1	1	3	0	1	2	2	0	1
Iowa Lakes	4	6	5	5	4	5	2	7	5	8
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	1	2	7	8	6
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	3	8	1	5	0	5	2	4	0	4
Kirkwood	24	28	17	22	29	25	22	24	29	31
Des Moines Area	22	22	28	29	24	35	30	32	21	25
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	8	5	7	6	5	9	6	10	3	4
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	1	7	3	11	4	6	7	2	3	4
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	62	77	62	81	66	87	73	88	69	83
Total	139		143		153		161		152	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-25: Awards in Human Services by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	13	0	8	0	15	2	28	4	20
North Iowa Area	0	2	0	0	0	4	0	4	1	0
Iowa Lakes	0	23	0	17	0	12	0	20	0	24
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	6	3	15	0	10	1	31	2	36
Iowa Valley	0	4	0	5	0	5	0	9	0	6
Hawkeye	1	19	0	12	0	22	0	17	0	24
Eastern Iowa	0	21	3	25	0	14	0	23	0	21
Kirkwood	1	24	0	20	1	15	2	22	0	7
Des Moines Area	1	23	0	22	1	18	23	103	24	131
Western Iowa Tech	0	22	0	23	0	12	0	14	0	27
Iowa Western	0	14	0	10	0	17	1	17	0	16
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	1	35	0	21	0	16	0	17	1	22
Southeastern	1	8	2	4	0	4	3	4	1	7
Total by Gender	5	214	8	182	2	164	32	309	33	341
Total	219	190	166	341	374					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-26: Awards in Information Technology by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	18	6	12	5	12	10	15	7	19	4
North Iowa Area	18	7	13	9	16	2	12	1	13	2
Iowa Lakes	4	1	5	0	4	2	4	1	6	3
Northwest	15	7	8	4	5	2	2	1	5	1
Iowa Central	5	4	9	6	5	1	21	5	12	4
Iowa Valley	4	1	4	1	3	2	5	2	10	1
Hawkeye	18	3	15	8	17	5	40	5	29	7
Eastern Iowa	27	10	26	7	30	2	28	7	16	8
Kirkwood	83	19	74	11	45	10	48	6	60	19
Des Moines Area	38	13	35	12	29	5	44	11	47	11
Western Iowa Tech	15	2	10	10	8	0	10	2	9	6
Iowa Western	8	2	5	4	7	5	5	2	8	0
Southwestern	9	3	3	6	17	10	11	3	8	3
Indian Hills	25	10	49	15	50	23	39	11	34	11
Southeastern	5	3	7	1	4	3	10	1	10	0
Total by Gender	292	91	275	99	252	82	294	65	286	80
Total	383		374		334		359		366	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-27: Awards in Law, Public Safety, and Security by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	1	0	0	0
North Iowa Area	19	12	13	17	25	14	12	15	10	4
Iowa Lakes	13	10	8	6	7	7	10	6	11	9
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	11	2	12	9	19	15	19	24	20	13
Iowa Valley	6	2	3	5	5	5	2	0	5	2
Hawkeye	21	7	31	5	27	2	28	5	47	4
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	55	44	51	47	39	10	23	5	25	10
Des Moines Area	35	39	42	34	48	40	48	59	42	57
Western Iowa Tech	18	23	21	26	28	23	30	17	29	28
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	9	4	17	2	6	3	18	5	13	16
Southeastern	6	15	7	17	8	11	7	17	7	17
Total by Gender	193	158	205	168	212	130	198	153	209	160
Total	351	351	373	373	342	342	351	351	369	369

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-28: Awards in Manufacturing by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	21	6	22	1	17	0	20	1	26	0
North Iowa Area	7	0	13	0	15	0	55	0	39	0
Iowa Lakes	11	0	7	1	16	1	21	1	17	0
Northwest	15	2	34	1	41	1	30	0	36	2
Iowa Central	64	1	67	3	68	3	70	6	88	4
Iowa Valley	7	1	15	0	13	0	30	0	39	2
Hawkeye	69	6	79	1	76	4	108	8	152	9
Eastern Iowa	16	0	28	2	25	6	93	5	39	0
Kirkwood	47	1	52	0	55	3	62	3	60	2
Des Moines Area	73	1	83	8	80	12	142	3	113	16
Western Iowa Tech	44	2	48	1	41	3	39	3	43	3
Iowa Western	11	0	16	1	9	1	15	0	12	0
Southwestern	0	0	0	0	0	0	0	0	7	0
Indian Hills	111	11	106	11	143	7	140	9	140	7
Southeastern	34	2	43	1	38	1	59	5	53	3
Total by Gender	530	33	613	31	637	42	884	44	864	48
Total	563	644	679	928	912					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-29: Awards in Marketing by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	10	17	3	15	8	3	7	14	8	12
North Iowa Area	0	0	0	2	2	2	4	1	1	3
Iowa Lakes	7	1	3	2	2	2	3	4	2	3
Northwest	0	0	0	2	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	1	3	2	4	0	0	0	1	0	0
Hawkeye	4	3	5	10	10	5	5	18	8	10
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	11	25	16	23	5	16	19	10	15	14
Des Moines Area	59	36	50	63	22	51	55	56	20	31
Western Iowa Tech	4	9	6	8	3	4	3	4	1	7
Iowa Western	5	11	4	12	7	13	1	7	0	6
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	101	105	89	141	59	96	97	115	55	86
Total	206	230	155	212	141	141	212	141	141	141

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-30: Awards in Science, Technology, Engineering, and Mathematics (STEM) by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	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	3	0	4	0	5	0	9	0
Iowa Lakes	0	1	2	0	3	0	7	0	5	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	5	1	5	1	4	0	14	1	10	3
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	1	1	5	0	1	1	2	0	2	0
Eastern Iowa	29	12	12	10	9	0	23	9	3	0
Kirkwood	5	0	1	0	1	4	3	3	0	1
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	1	1	4	2	10	6	11	2	17	19
Iowa Western	10	13	2	4	5	10	4	4	2	5
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	9	2	7	1	8	0	4	1	5	5
Southeastern	0	0	0	0	0	0	0	0	1	0
Total by Gender	60	31	41	18	45	21	73	20	54	33
Total	91	59	66	93	87					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-31: Awards in Transportation, Distribution, and Logistics by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	26	0	17	0	14	0	24	2	16	3
North Iowa Area	12	1	12	0	13	0	8	0	19	1
Iowa Lakes	52	1	53	2	40	2	38	3	64	2
Northwest	26	1	41	1	22	1	27	0	32	2
Iowa Central	20	1	26	1	31	1	34	0	46	1
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	53	0	49	2	84	1	70	7	77	7
Eastern Iowa	114	8	97	10	69	3	45	1	101	8
Kirkwood	44	1	20	0	28	1	36	0	27	2
Des Moines Area	78	2	88	3	76	0	59	4	76	1
Western Iowa Tech	62	2	47	5	36	4	37	2	34	1
Iowa Western	27	1	43	5	44	1	33	0	42	0
Southwestern	36	3	34	1	24	0	21	0	24	1
Indian Hills	47	0	63	0	33	2	91	7	92	1
Southeastern	9	0	21	2	25	0	29	5	28	2
Total by Gender	606	21	611	32	539	16	552	31	678	32
Total	627	643	555	583	710					

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-32: Awards in College Transfer (Parallel) by Gender: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	61	126	49	116	50	111	76	126	59	119
North Iowa Area	145	194	136	158	158	156	157	179	110	177
Iowa Lakes	59	115	67	112	60	86	61	103	68	122
Northwest	12	15	3	23	8	11	13	19	14	24
Iowa Central	153	184	149	181	171	186	167	198	144	184
Iowa Valley	121	149	107	127	107	133	136	157	124	158
Hawkeye	145	186	140	217	163	178	159	225	173	221
Eastern Iowa	251	425	207	332	191	322	205	314	169	313
Kirkwood	383	468	392	429	493	627	420	540	625	854
Des Moines Area	301	405	302	436	325	461	409	550	423	638
Western Iowa Tech	40	98	34	95	34	100	33	85	42	77
Iowa Western	121	201	135	205	147	222	200	177	163	215
Southwestern	40	56	31	54	36	65	26	71	35	67
Indian Hills	137	211	128	230	173	251	148	224	146	293
Southeastern	72	159	87	171	87	152	121	206	104	174
Total by Gender	2041	2992	1967	2886	2203	3061	2331	3174	2399	3636
Total	5,033	4,853	4,853	5,264	5,264	5,505	5,505	6,035	6,035	6,035

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-33: Awards by Career Cluster and Ethnicity/Race: 2007

Cluster	American					Not Reported	Total
	Indian	Asian	Black	Hispanic	White		
Agriculture, Food and Natural Resources	4	0	5	5	460	30	504
Architecture and Construction	5	6	6	19	518	44	598
Arts, A/V Technology and Communications	2	5	2	8	210	16	243
Business, Management and Administration	4	21	50	25	960	42	1,102
Education and Training	0	0	1	9	19	4	33
Finance	0	1	0	0	10	1	12
Government and Public Administration	0	2	4	3	25	1	35
Health Science	22	49	107	64	3,985	174	4,401
Hospitality and Tourism	0	2	4	5	121	7	139
Human Services	1	1	8	3	193	13	219
Information Technology	1	8	8	5	339	20	381
Law, Public Safety and Security	5	1	8	8	308	24	354
Manufacturing	8	11	7	5	512	22	565
Marketing, Sales and Service	0	1	5	2	187	14	209
Science, Technology, Engineering and Mathematics	2	0	1	18	49	22	92
Transportation, Distribution and Logistics	3	3	11	20	557	38	632
College Transfer (parallel)	23	81	156	135	4,413	289	5,097
Total	80	192	383	334	12,866	761	14,616

NOTE: "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-34: Awards by Career Cluster and Ethnicity/Race: 2008

Cluster	American					Not		
	Indian	Asian	Black	Hispanic	White	Reported	Reported	Total
Agriculture, Food and Natural Resources	3	1	2	2	464	19	491	
Architecture and Construction	3	3	17	20	607	43	693	
Arts, AV Technology and Communications	2	5	3	3	217	7	237	
Business, Management and Administration	7	39	33	34	974	42	1,129	
Education and Training	0	1	0	12	37	4	54	
Finance	0	0	0	0	8	1	9	
Government and Public Administration	0	0	6	1	28	3	38	
Health Science	16	40	103	78	3,724	187	4,148	
Hospitality and Tourism	0	2	2	3	133	7	147	
Human Services	0	0	5	0	180	6	191	
Information Technology	0	8	2	19	299	6	334	
Law, Public Safety and Security	2	4	6	12	333	20	377	
Manufacturing	8	6	14	15	563	47	653	
Marketing, Sales and Service	0	4	7	2	205	13	231	
Science, Technology, Engineering and Mathematics	2	0	2	11	34	15	64	
Transportation, Distribution and Logistics	3	1	12	23	576	34	649	
College Transfer (parallel)	24	71	145	113	4,284	274	4,911	
Total	70	185	359	348	12,666	728	14,356	

NOTE: "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-35: Awards by Career Cluster and Ethnicity/Race: 2009

Cluster	American					Not		Total
	Indian	Asian	Black	Hispanic	White	Reported	Reported	
Agriculture, Food and Natural Resources	2	0	2	1	497	52	554	
Architecture and Construction	4	2	8	22	528	39	603	
Arts, A/V Technology and Communications	1	1	4	7	221	13	247	
Business, Management and Administration	6	24	34	28	935	86	1,113	
Education and Training	0	0	0	3	41	1	45	
Finance	0	0	0	0	10	3	13	
Government and Public Administration	0	0	2	2	32	4	40	
Health Science	20	45	69	86	3,450	185	3,855	
Hospitality and Tourism	0	8	8	3	117	17	153	
Human Services	1	1	6	0	146	16	170	
Information Technology	2	3	8	8	308	31	360	
Law, Public Safety and Security	2	5	10	11	299	18	345	
Manufacturing	5	8	13	16	615	30	687	
Marketing, Sales and Service	0	4	8	1	120	22	155	
Science, Technology, Engineering and Mathematics	0	0	2	1	63	24	90	
Transportation, Distribution and Logistics	8	8	24	15	475	26	556	
College Transfer (Parallel)	25	71	170	150	4,532	402	5,350	
Total	76	180	368	354	12,389	969	14,336	

Note: "Not Reported" includes students with no responses and students reported with unknown race/ethnicity.. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-36: Awards by Career Cluster and Ethnicity/Race: 2010

Cluster	American Indian	Asian/Pacific Islander	Black	Hispanic	Two or more races	White	Not Reported	Total
Agriculture, Food and Natural Resources	2	1	4	2	3	508	19	539
Architecture and Construction	7	5	10	18	0	509	43	592
Arts, A/V Technology and Communications	3	4	2	4	0	245	15	273
Business, Management and Administration	17	31	52	26	1	916	127	1,170
Education and Training	0	1	0	6	0	14	1	22
Finance	0	1	0	0	0	5	2	8
Government and Public Administration	0	0	0	0	0	0	0	0
Health Science	22	48	116	72	17	3,731	434	4,440
Hospitality and Tourism	0	4	6	3	0	129	11	153
Human Services	2	3	18	5	0	276	23	327
Information Technology	4	11	4	9	0	265	29	322
Law, Public Safety and Security	1	4	10	12	0	278	22	327
Manufacturing	7	15	30	30	0	746	68	896
Marketing, Sales and Service	2	2	5	0	0	177	21	207
Science, Technology, Engineering and Mathematics	0	0	2	16	0	58	11	87
Transportation, Distribution and Logistics	4	6	21	16	2	473	45	567
College Transfer (Parallel)	28	76	183	377	10	4,370	498	5,542
Total	99	212	463	596	33	12,700	1,369	15,472

Note: "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-37: Awards by Career Cluster and Ethnicity/Race: 2011

Cluster	American Indian	Asian/Pacific Islander	Black	Hispanic	Two or more races	White	Not Reported	Total
Agriculture, Food and Natural Resources	1	1	1	21	1	473	50	548
Architecture and Construction	6	5	15	21	1	534	59	641
Arts, AV Technology and Communications	0	3	6	10	0	255	21	295
Business, Management and Administration	8	21	30	33	4	864	63	1,023
Education and Training	1	0	0	5	0	26	4	36
Finance	0	0	0	0	0	0	0	0
Government and Public Administration	0	2	0	1	0	10	2	15
Health Science	24	60	110	108	22	3,806	240	4,370
Hospitality and Tourism	1	7	6	4	0	119	15	152
Human Services	0	3	19	11	2	310	29	374
Information Technology	1	9	7	9	0	316	24	366
Law, Public Safety and Security	2	5	12	12	0	308	25	364
Manufacturing	7	7	28	32	5	779	53	911
Marketing, Sales and Service	1	9	6	5	0	109	11	141
Science, Technology, Engineering and Mathematics	1	2	1	4	1	74	4	87
Transportation, Distribution and Logistics	3	5	34	38	2	605	23	710
College Transfer (Parallel)	40	85	199	174	20	4,855	661	6,034
Total	96	224	474	488	58	13,443	1,284	16,067

Note: "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-38: Awards by Ethnicity/Race and Award Type: 2007

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total							
American Indian	21	0%	7	1%	0	0%	24	1%	23	1%	5	0%	0	0%	80	1%
Asian	73	2%	19	2%	1	1%	52	1%	30	1%	14	1%	1	1%	192	1%
Black	140	3%	34	3%	9	13%	79	2%	61	2%	58	5%	2	2%	383	3%
Hispanic	133	3%	15	1%	2	3%	96	2%	44	1%	40	3%	4	5%	334	2%
White	4,055	87%	923	88%	58	81%	3,910	89%	2,779	0%	1,022	84%	71	87%	12,866	88%
Not Reported	261	6%	55	5%	2	3%	237	5%	118	4%	82	7%	4	5%	761	5%
Total	4,683		1,053		72		4,398		3,055		1,221		82		14,616	

NOTE: Percentages are the proportion of awards for each column. "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-39: Awards by Ethnicity/Race and Award Type: 2008

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total							
American Indian	24	0%	5	0%	0	0%	22	0%	14	0%	4	0%	0	0%	70	0%
Asian	62	1%	26	1%	0	0%	46	1%	27	1%	23	1%	1	1%	185	1%
Black	128	1%	28	1%	6	4%	76	1%	67	1%	54	2%	0	0%	360	3%
Hispanic	107	1%	23	1%	2	1%	105	1%	56	1%	53	2%	0	0%	348	2%
White	3,973	45%	984	45%	66	43%	4,077	46%	2,417	46%	1,084	43%	39	49%	12,693	88%
Not Reported	257	3%	46	2%	3	2%	201	2%	108	2%	112	4%	0	0%	728	5%
Total	8,845		2,178		153		8,853		5,270		2,548		80		14,384	

NOTE: Percentages are the proportion of awards for each column. "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-40: Awards by Ethnicity/Race and Award Type: 2009

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total							
American Indian	24	0%	5	0%	0	0%	20	0%	24	1%	3	0%	0	0%	76	1%
Asian	55	1%	27	2%	0	0%	51	1%	30	1%	16	2%	1	3%	180	1%
Black	153	3%	37	3%	3	3%	84	2%	49	2%	37	4%	2	5%	368	3%
Hispanic	139	3%	27	2%	1	1%	88	2%	60	2%	38	4%	0	0%	354	2%
White	4,102	85%	965	83%	69	78%	4,040	88%	2,319	89%	797	81%	35	88%	12,389	86%
Not Reported	344	7%	104	9%	15	17%	304	7%	113	4%	87	9%	3	8%	978	7%
Total	4,817		1,165		88		4,587		2,595		978		41		14,345	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-41: Awards by Ethnicity/Race and Award Type: 2010

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total									
American Indian	25	0.54%	5	0.44%	1	1.01%	1	1.49%	27	0.64%	26	0.82%	11	0.83%	0	0.00%	96	0.65%
Asian/Pacific Islander	62	1.3%	26	2.3%	1	1.0%	0	0.0%	52	1.2%	40	1.3%	19	1.4%	0	0.0%	200	1.4%
Black	146	3.1%	48	4.2%	5	5.1%	0	0.0%	87	2.1%	92	2.9%	51	3.9%	7	16.7%	436	3.0%
Hispanic	149	3.2%	24	2.1%	0	0.0%	0	0.0%	102	2.4%	74	2.3%	44	3.3%	1	2.4%	394	2.7%
Two or more races	9	0.2%	2	0.2%	0	0.0%	0	0.0%	7	0.2%	9	0.3%	6	0.5%	0	0.0%	33	0.2%
White	3,815	81.7%	945	82.5%	87	87.9%	66	98.5%	3,605	85.3%	2,630	83.4%	1,049	79.5%	33	78.6%	12,236	83.1%
Not Reported	463	9.9%	96	8.4%	5	5.1%	0	0.0%	347	8.2%	282	8.9%	139	10.5%	1	2.4%	1,334	9.1%
Total	4,669		1,146		99		67		4,227		3,153		1,319		42		14,729	

Note: Percentages are the proportion of awards for each column. "Not Reported" includes students with no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 6-42: Awards by Ethnicity/Race and Award Type: 2011

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total									
American Indian	36	0.69%	5	0.36%	1	0.62%	0	0.00%	25	0.50%	24	0.65%	14	0.87%	0	0.00%	105	0.62%
Asian/Pacific Islander	67	1.3%	35	2.5%	1	0.6%	1	1.5%	64	1.3%	64	1.2%	25	1.6%	0	0.0%	238	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%
Hispanic	159	3.1%	44	3.2%	5	3.1%	2	3.0%	94	1.9%	153	4.2%	84	5.2%	1	5.3%	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	5.3%	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 with no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

7

CREDIT PROGRAMS

Community colleges are required to obtain approval from the Iowa Department of Education (DE) for all programs that are offered by community colleges. All 15 colleges have approval to offer arts and sciences programs. These two-year Associate of Arts or Associate of Sciences degree programs prepare students to enter a four-year college or university as a junior. Some of the pre-professional program majors available at Iowa community colleges are identified in Figure 7-1. Specific information on pre-professional majors, however, is maintained by the community colleges.

Approval by the Iowa DE must be obtained for each career and technical education (CTE) program a community college offers. In Iowa, CTE programs are structured around the National Career Clusters™ Framework, which consists of the 16 Career Clusters™ listed in Figure 7-2. Career Clusters™ represent distinct groupings of occupations and industries based on the knowledge and skills they require.

The knowledge and skills represented by career clusters prepare learners for a full range of occupations/career specialties, focusing on the holistic, polished blend of

Figure 7-1: Pre-Professional Program Major Areas

Agriculture	Physical Therapy
Education	Pre-Dentistry
Nursing	Math
Architecture	Science
Engineering	Design
Pre-Pharmacy	Pre-Medicine
Business	Social Science
Pre-Law	

SOURCE: Iowa Department of Education, Division of Community Colleges.

Figure 7-2: National Career Clusters (16)



SOURCE: Iowa Department of Education, Division of Community Colleges, State's Career Cluster Initiative.

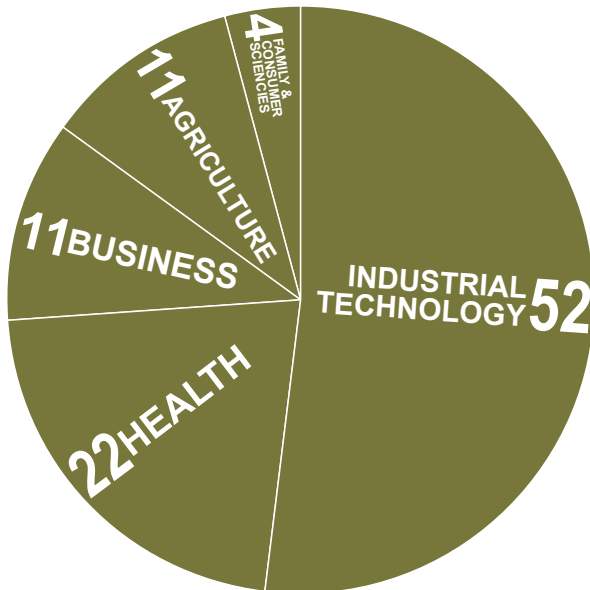
technical, academic, and employability knowledge and skills.

New Credit Programs

Table 7-1 indicates that in fiscal year 2011, the director of the Department of Education approved 27 new career and technical education programs for 14 community colleges. Six programs were developed in health science; five programs were developed in architecture and construction; three programs were developed in manufacturing; one program was developed in hospitality and tourism; one program was developed in law, public safety and security; one program was developed in science, technology, engineering and mathematics; two programs were developed in business, management and administration; two programs were developed in transportation, distribution, and logistics; three programs were developed in arts, A/V technology and communications; and three programs were developed in agriculture, food and natural resources.

Each of the 16 National Career Clusters™ are categorized into one of seven service areas that are recognized within Iowa. Figure 7-3 illustrates the new programs developed in fiscal year 2011 by these seven

Figure 7-3: New Credit Career and Technical Education Programs by Service Area: 2011

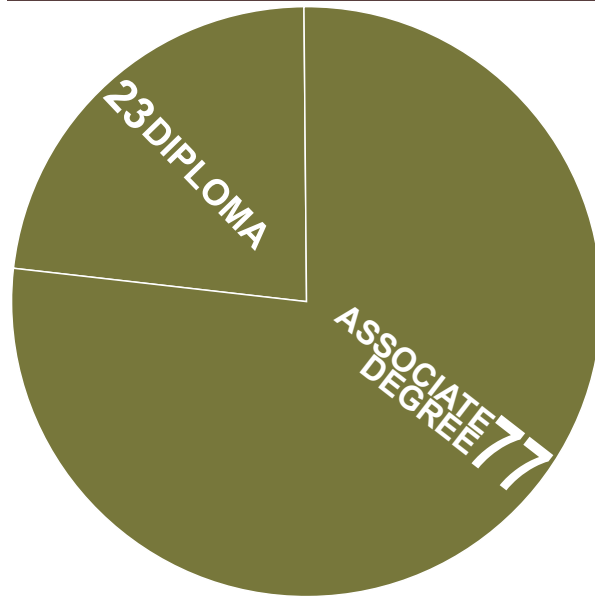


SOURCE: Iowa Department of Education, Division of Community Colleges, Table 7-1.

service areas.

Figure 7-4 indicates that 77 percent (22 total) of the new CTE programs offered an associate degree. Only 23 percent (five total) of programs offered a diploma award. While certificates were offered in a number of newly-approved programs as program options, no new

Figure 7-4: New Credit Career and Technical Education Programs by Award Type: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Table 7-1.

stand-alone certificate award programs were introduced during fiscal year 2011.

Career and Technical Education (CTE) Programs

In addition to introducing new programs, Iowa community colleges are provided three opportunities each year to submit requests for program modification. The modification requests include course changes, changes in awards offered, and requests to discontinue outdated programs. During 2011, Iowa community colleges offered 723 programs with 1,322 award options. Iowa community colleges offered 243 unique technical programs in a variety of careers. Even though some programs have been discontinued, the numbers for 2011 constitute growth compared to 2010: 3.2 percent in the number of programs and 8.3 percent in the number of award options. The number of unique CTE programs, however, declined by 10 percent (Table 7-4).

CREDIT CAREER AND TECHNICAL PROGRAMS



Table 7-1: New Career and Technical Education Programs: 2011

College	Program Title	Federal Cluster/State Cluster
Northeast Iowa	Chemical Engineering Technology/Technician	Science, Technology, Engineering, and Mathematics/Industrial Technology
Iowa Lakes	Veterinary/Animal Health Assistant Technology	Health Science/Health
	Pharmacy Technician	Health Science/Health
Northwest	Electrical and Power Transmission Technician	Architecture and Construction/Industrial Technology
Iowa Central	Vehicle Maintenance and Repair Technologies, Other	Transportation, Distribution, and Logistics/Industrial Technology
Iowa Valley	Technical Theatre/Theatre Design and Technology	Arts, A/V Technology and Communications/Industrial Technology
	Legal Assistant/Paralegal Management	Law, Public Safety and Security/Business
	Physical Therapist Assistant	Health Science/Health
Hawkeye	Occupational Therapist Technician/Assistant	Health Science/Health
	Energy Management and Systems Technology	Architecture and Construction/Industrial Technology
Eastern Iowa	Electro-Mechanical Technology/Electro-Mechanical Engineering Technology	Manufacturing/Industrial Technology
	Restaurant/Food Service Management	Hospitality and Tourism/Family and Consumer Sciences
	Agricultural & Domestic Animal Services, Other	Agriculture, Food and Natural Resources/Agriculture
	Pharmacy Technician	Health Science/Health
Kirkwood	Business Administration & Management, General	Business, Management and Administration/Business
	Energy Management and Systems Technology	Architecture and Construction/Industrial Technology
	Computer Numerically Controlled (CNC) Machinist Technology	Manufacturing/Industrial Technology
Des Moines Area	Water Quality & Wastewater Treatment Management & Recycling Technology/Technician	Agriculture, Food and Natural Resources/Agriculture
Western Iowa Tech	Commercial Photography Technician	Arts, A/V Technology and Communications/Industrial Technology
	Business, Management, Marketing, and Related Support Services, Other	Business, Management and Administration/Business
Iowa Western	CAD/CADD Drafting and/or Design Technology/Technician	Architecture and Construction /Industrial Technology
Southwestern	Electrician	Architecture and Construction /Industrial Technology
	Health Information Technology	Health Science/Health
Indian Hills	Horticultural Technology	Agriculture, Food and Natural Resources /Agriculture
	Avionics Maintenance Technology/Technician	Transportation, Distribution, and Logistics/Industrial Technology
Southeastern	Industrial Equipment Maintenance Technology	Manufacturing/Industrial Technology
	Animation, Interactive and Video Graphics Technology	Arts, A/V Technology and Communications/Industrial Technology

Note: Table represents program requests received and approved between 7/1/10 through 6/30/11.

Source: Iowa Department of Education, Division of Community Colleges, Community College Program Master.

Table 7-2: Number of Offered Career and Technical Education Programs: 2009

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		36	2	23	30	91
North Iowa Area		19	16	6	18	59
Iowa Lakes		19	22	5	25	71
Northwest		19	4	1	13	37
Iowa Central		29	6	4	16	55
Iowa Valley		19	18	5	21	63
Hawkeye	3	36		7	21	67
Eastern Iowa		49	1	51	28	129
Kirkwood		60	13	19	36	128
Des Moines Area		42	18	56	37	153
Western Iowa Tech		44	2	69	45	160
Iowa Western		33	1	7	14	55
Southwestern	1	11	4	1	9	26
Indian Hills		27		2	29	58
Southeastern		39	7	2	16	64
TOTAL	4	482	114	258	358	1216

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, Program Master 2009.

Table 7-3: Number of Offered Career and Technical Education Programs: 2010

College	AAA	AAS	ASCO	Certificate	Diploma	Total
Northeast		32		23	26	81
North Iowa Area		18	18	6	21	63
Iowa Lakes		19	23	9	25	76
Northwest		19	4		14	37
Iowa Central		30	6	5	15	56
Iowa Valley		19	14	6	20	59
Hawkeye	3	25		8	14	50
Eastern Iowa		51	1	51	28	131
Kirkwood		61	14	27	43	145
Des Moines Area		50	19	63	40	172
Western Iowa Tech		49	3	67	45	164
Iowa Western		37	1	11	15	64
Southwestern	1	12	4	1	10	28
Indian Hills		30	1	3	31	65
Southeastern		37	7	3	17	64
TOTAL	4	489	115	283	364	1255

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, Program Master 2010.

Table 7-4: 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, Program Master 2011.

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.

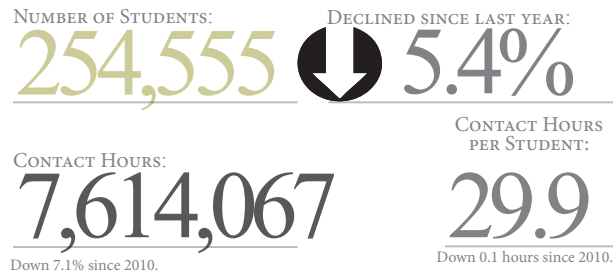
In fiscal year 2011, 254,555 individuals participated in non-credit programs and courses. Enrollment decreased an average of 2.2 percent (Figure 8-1) from 2007 to 2011. Total contact hours have declined since 2007 with an average decrease of 3.8 percent from 2007 to 2011.

Online Non-Credit Courses

After an average annual increase of 38 percent in online course enrollment from 2008 to 2010, student enrollment in online courses decreased 51.6 percent in 2011 (Table 8-16).

The use of the online delivery for non-credit coursework appears to be limited. Only 2.4 percent of non-credit

NON-CREDIT ENROLLMENT

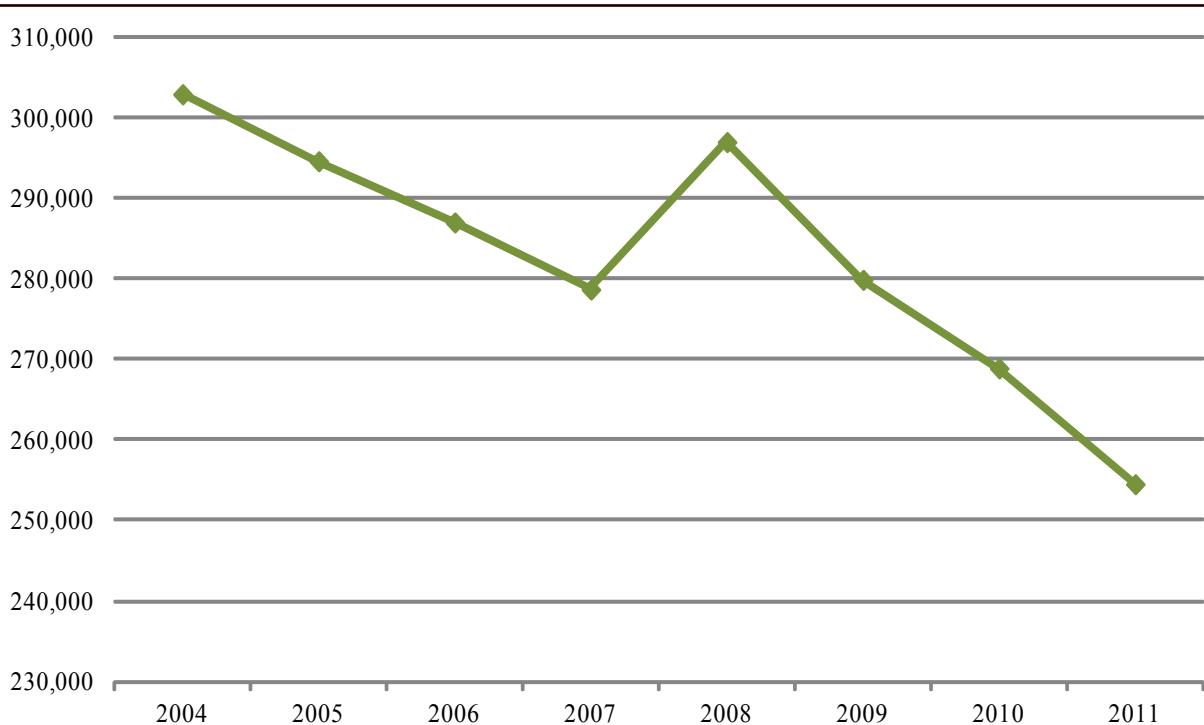


contact hours were delivered online in fiscal year 2011. Approximately 2.7 percent of individuals enrolled in non-credit coursework enrolled in some coursework delivered entirely online.

Non-Credit Students in Programs

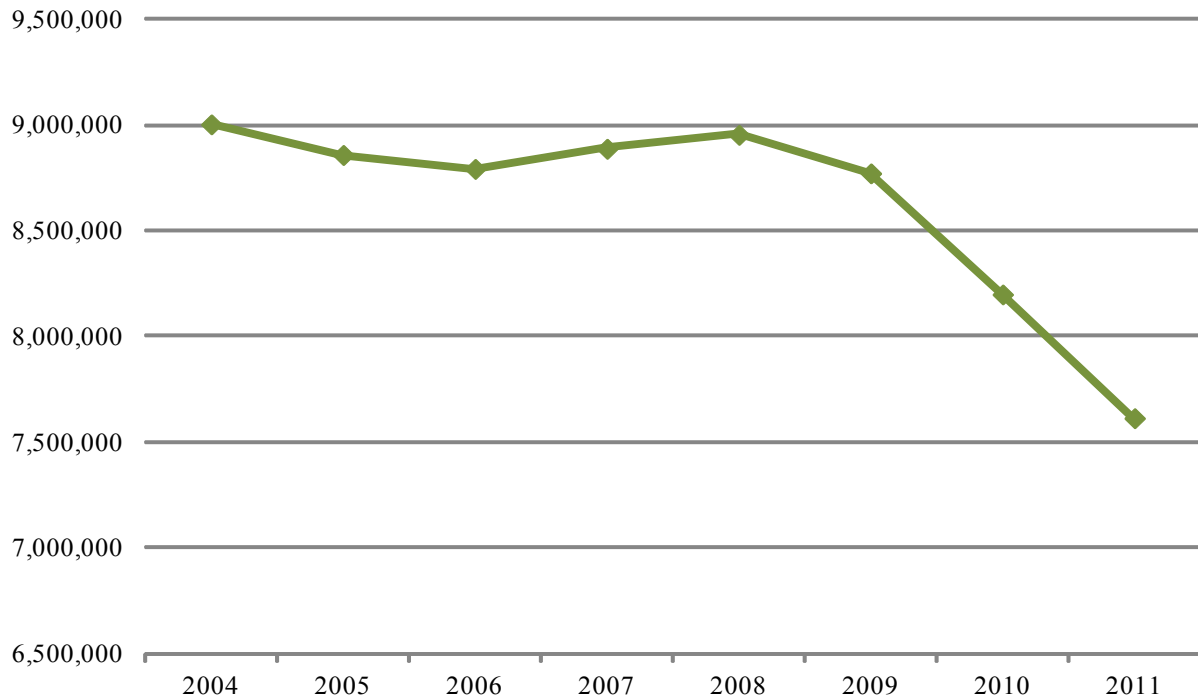
Enrollment in non-credit programs is disaggregated into several program categories (Figure 8-3). The largest of these categories consists of non-credit courses designed to enhance students' employability or academic

Figure 8-1: Fiscal Year Non-Credit Enrollment: 2004-2011



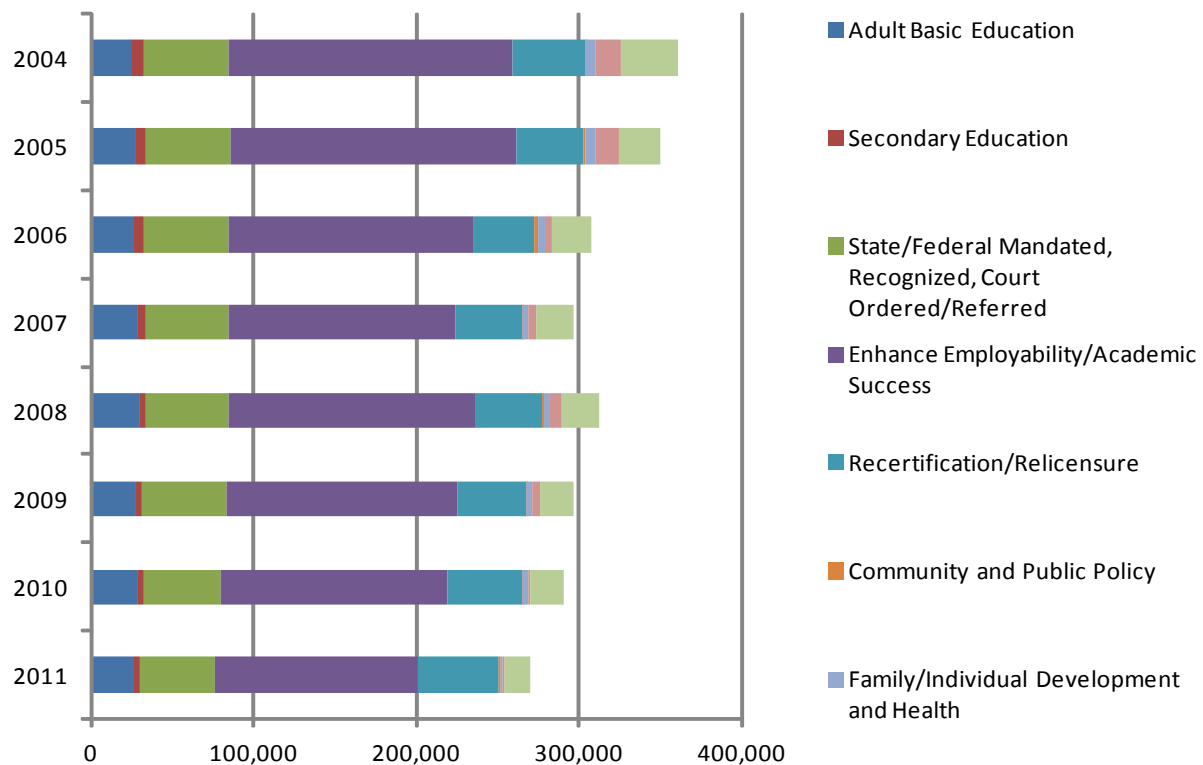
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-1.

Figure 8-2: Fiscal Year Non-Credit Contact Hours: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.
See Table 8-2.

Figure 8-3: Non-Credit Enrollment by Program Type: 2004-2011

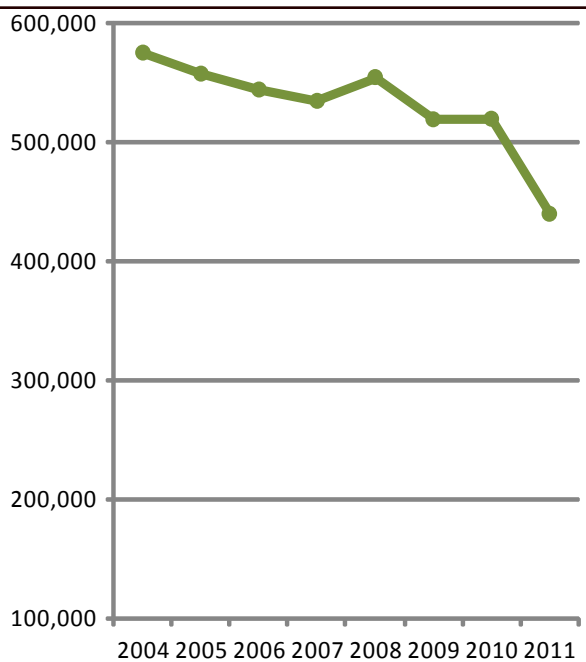


SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.
See Table 8-4.

success. Nearly 65 percent of students enrolled in non-credit coursework in this category, which includes: career/vocational training and upgrading program and re-certification/re-licensure courses. Courses under the category of “enhance employability” are designed for the specific purpose of upgrading the skills of persons presently employed and the retraining of persons for new employment. Courses under the category of “academic success” are designed for the advancement of individuals’ knowledge in traditional educational studies. Enrollment in courses within the “enhance employability and academic success” category declined slightly to 45.9 percent of all courses in 2011, while re-certification/re-licensure increased slightly to 18.6 percent in 2011. For more information, see Section 9, Adult Literacy; Section 10, Economic Development; and Section 11, Apprenticeship.

The second largest category of non-credit enrollment includes programs/courses that are state or federal mandated, state recognized, or court ordered/referred. Enrollment increased slightly from 16.4 percent in 2010 to 17.1 percent of all courses in 2011. Courses within this category include the Iowa Course for Drinking Drivers, driver improvement courses, community rehabilitation programs, used auto dealer training, mine safety and health courses, various vehicle operator training courses, and many more. Enrollment in courses within this category has been steady, between 16 percent and 17 percent of all courses annually.

Figure 8-4: Non-Credit Courses Delivered: 2004-2011



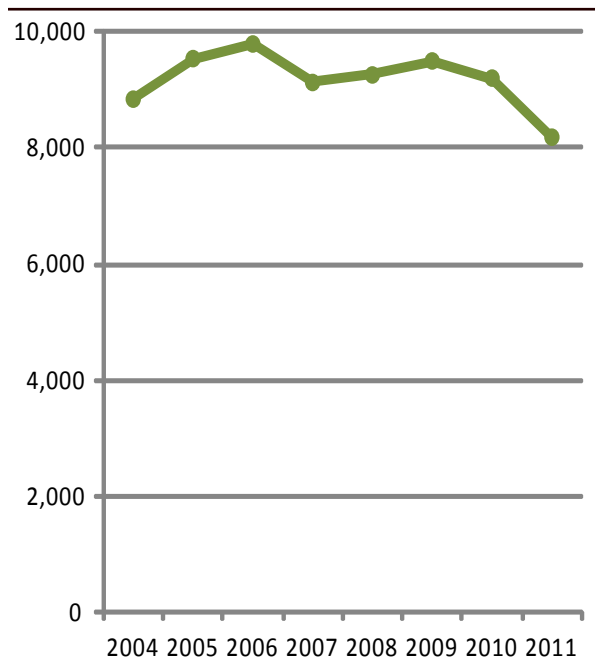
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-3.

The Iowa Course for Drinking Drivers is the state-mandated 12-hour instructional course for drinking drivers convicted of driving while under the influence of drugs and/or alcohol. Iowa 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 1.2 percent between 2007 and 2011, with a significant 11 percent decline from 2010 to 2011. (Figure 8-5).

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. Enrollment in the program decreased an average of 5.6 percent annually from fiscal year 2007 fiscal year 2011 (Figure 8-6).

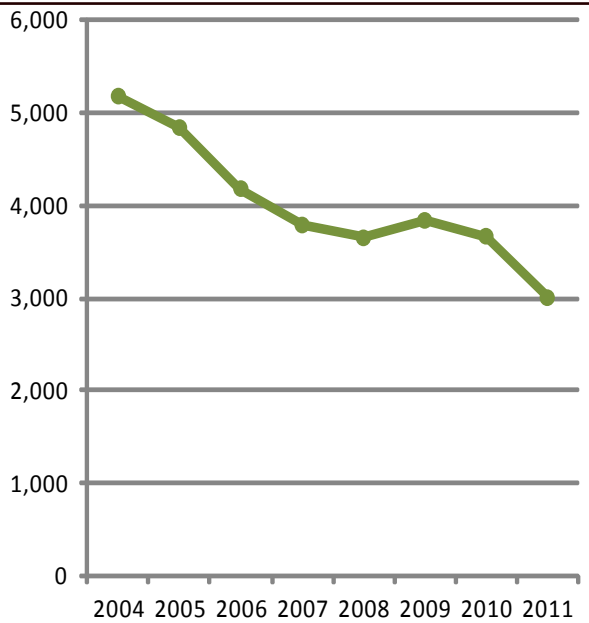
Iowa community colleges also deliver education programs for people in community rehabilitation centers (sheltered workshops). Enrollment in these programs has decreased sharply over the past five years—down an average of 17.9 percent annually between 2007 and 2011 (Figure 8-7). Eight colleges reported enrollment and contract hours in sheltered workshops in 2010 and 2011. Enrollment decreased 13.7 percent between 2010 and 2011 in seven of the eight colleges; however, residential participants at Northwest Iowa community college, coded under basic skill classifications prior to 2010 were

Figure 8-5: Iowa Drinking Driver Course Enrollment: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-10.

Figure 8-6: Iowa Driver Improvement Program Enrollment: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-11.

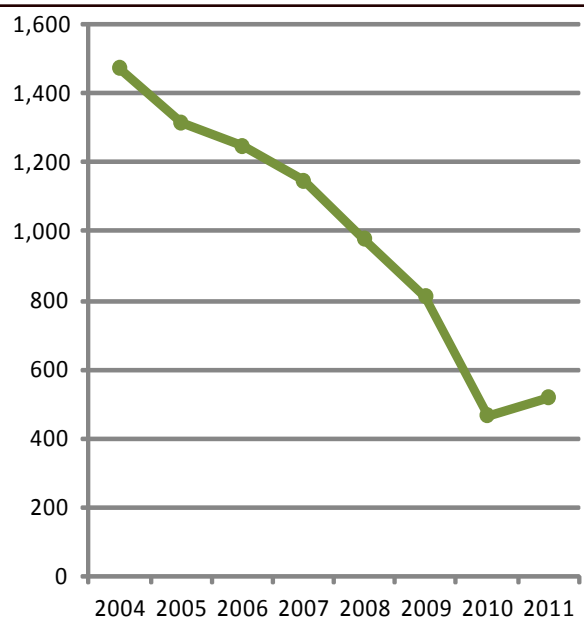
reclassified to the sheltered workshop CIP category in 2011, resulting in a statewide enrollment increase of 11.1 percent. Contact hours decreased eight percent for seven of the eight colleges reporting from 2010 to 2011; however, contact hours increased statewide with reclassification of the residential participants from Northwest Iowa community college by 25.2 percent in 2011.

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 community college-delivered mine safety programs decreased an average of 26.1 percent from fiscal year 2007 to fiscal year 2011 (Figure 8-8). Contact hours decreased by 24.2 percent from 2007 to 2011.

Non-Credit Corrections Enrollment

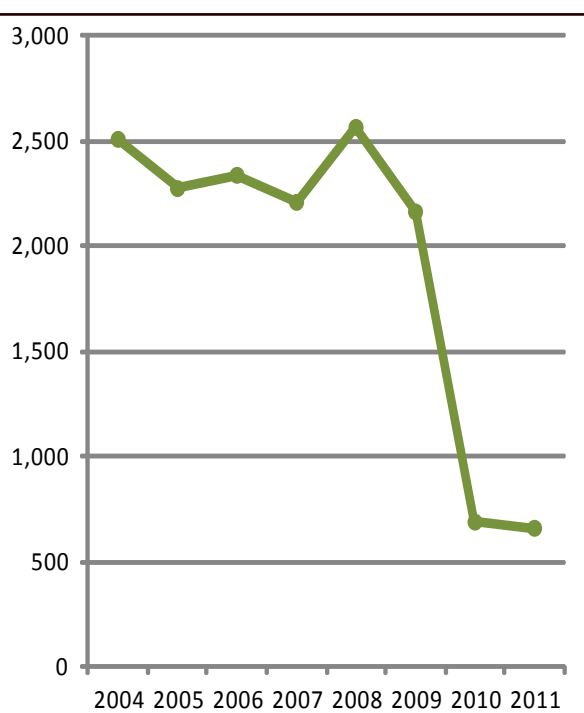
Iowa community colleges delivered credit and noncredit coursework to residents of correctional institutions to enhance the life and academic skills and/or employability success of criminal offenders. While enrollment of these individuals in credit coursework is limited, 3,086 residents of correctional institutions enrolled in non-credit coursework in fiscal year 2011. Enrollment decreased 6.4 percent from 2007 to 2011, and contact hours decreased an average of 1.6 percent from 2007 to 2011.

Figure 8-7: Community Rehabilitation Program (Sheltered Workshops) Enrollment: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-12.

Figure 8-8: Mine Safety and Health Administration (MSHA) Program Enrollment: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See Table 8-13.

Table 8-1: Non-Credit Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	22,340	21,429	22,754	21,587	21,614	-0.8%
North Iowa Area	20,047	19,941	20,004	17,605	11,670	-12.7%
Iowa Lakes	4,395	5,073	4,774	4,120	3,266	-7.2%
Northwest	12,690	14,008	13,017	12,664	11,064	-3.4%
Iowa Central	19,722	25,787	20,343	22,155	20,297	0.7%
Iowa Valley	13,002	13,057	11,983	11,732	10,411	-5.4%
Hawkeye	15,149	14,639	14,357	10,329	10,591	-8.6%
Eastern Iowa	31,320	33,889	33,673	30,609	29,922	-1.1%
Kirkwood	39,007	43,507	36,599	37,057	37,846	-0.8%
Des Moines Area	32,883	32,394	31,184	29,087	30,970	-1.5%
Western Iowa Tech	15,435	17,007	17,314	16,634	17,050	2.5%
Iowa Western	20,598	25,085	23,295	22,824	22,512	2.2%
Southwestern	8,937	9,641	8,401	10,053	7,521	-4.2%
Indian Hills	15,733	14,378	15,625	16,128	14,722	-1.6%
Southeastern	7,478	7,220	6,614	6,349	5,099	-9.1%
Total	278,736	297,055	279,937	268,933	254,555	-2.2%

NOTE: Each bar “|” denotes 2,000 contact hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-2: Non-Credit Contact Hours by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	477,063	418,613	504,099	489,068	425,111	-2.8%
North Iowa Area	501,518	479,527	460,561	342,609	191,163	-21.4%
Iowa Lakes	91,019	96,734	99,284	84,539	75,110	-4.7%
Northwest	290,962	261,161	231,612	232,261	233,903	-5.3%
Iowa Central	752,534	754,678	713,998	617,309	613,776	-5.0%
Iowa Valley	422,006	394,873	366,010	314,280	279,949	-9.8%
Hawkeye	401,816	385,815	359,783	254,657	260,855	-10.2%
Eastern Iowa	1,041,366	1,105,741	1,150,884	1,102,581	1,047,299	0.1%
Kirkwood	1,283,473	1,398,648	1,499,798	1,367,581	1,257,190	-0.5%
Des Moines Area	1,832,972	1,757,579	1,494,319	1,503,359	1,463,666	-5.5%
Western Iowa Tech	377,072	414,566	446,156	494,761	562,488	10.5%
Iowa Western	516,127	557,271	560,791	545,445	503,103	-0.6%
Southwestern	207,822	222,535	224,234	214,610	196,271	-1.4%
Indian Hills	332,662	304,986	304,962	292,450	251,113	-6.8%
Southeastern	360,142	401,641	355,793	343,929	253,070	-8.4%
Total	8,888,555	8,954,371	8,772,285	8,199,437	7,614,067	-3.8%

Note: Each bar “|” denotes 2,000 contact hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-3: Non-Credit Courses Delivered by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	34,836	32,177	34,762	32,841	35,750	0.6%
North Iowa Area	74,792	79,402	71,837	92,722	19,194	-28.8%
Iowa Lakes	6,903	7,293	6,755	5,525	4,787	-8.7%
Northwest	25,617	25,845	25,310	23,114	22,284	-3.4%
Iowa Central	33,425	42,798	37,227	34,437	32,835	-0.4%
Iowa Valley	25,255	25,216	22,820	22,440	18,531	-7.4%
Hawkeye	28,455	28,355	26,750	16,725	16,700	-12.5%
Eastern Iowa	56,355	59,419	53,977	56,378	54,680	-0.8%
Kirkwood	64,042	70,113	58,364	55,606	55,990	-3.3%
Des Moines Area	56,753	53,411	47,803	45,485	51,067	-2.6%
Western Iowa Tech	28,100	30,009	33,409	36,388	36,969	7.1%
Iowa Western	36,124	40,947	40,455	38,200	39,026	2.0%
Southwestern	22,936	21,935	20,671	20,446	17,357	-6.7%
Indian Hills	29,089	25,631	27,967	28,747	26,493	-2.3%
Southeastern	12,368	12,481	11,478	11,039	8,559	-8.8%
Total	535,050	555,032	519,585	520,093	440,222	-4.8%

Note: Each bar “|” denotes 5,000 courses. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-4: Non-Credit Enrollment by Program Type: 2007-2011

Program Type	2007	2008	2009	2010	2011	Average Change 2007-2011
Adult Basic Education*	27,871	29,212	28,014	28,770	27,140	-0.7%
Secondary Education	4,358	3,884	3,762	3,336	2,994	-9.0%
State/Federal Mandated, Recognized, Court Ordered/Referred	51,099	51,340	51,425	47,726	46,395	-2.4%
Enhance Employability/Academic Success	139,160	151,091	141,576	139,743	124,154	-2.8%
Recertification/Relicensure	40,957	41,452	42,506	46,017	50,281	5.3%
Community and Public Policy	912	1,158	755	623	690	-6.7%
Family/Individual Development and Health	3,394	3,906	3,591	3,408	1,973	-12.7%
Adult Learning	4,312	7,227	4,118	1,051	591	-39.2%
Leisure/Recreational	23,917	22,856	21,012	20,719	15,867	-9.8%
Total	295,980	312,126	296,759	291,393	270,085	-2.3%

Note: *Excludes Sheltered Workshops. Each bar “|” denotes 2,500 contact hours. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-5: Non-Credit Enrollment by Program Type by College: 2007

College	Adult Basic Education	Secondary Education	State/ Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total
Northeast Iowa	1,023	202	4,727	17,124	0	21	62	484	1,052	24,695
North Iowa Area	1,836	28	2,793	13,692	5,589	0	962	20	1,504	26,424
Iowa Lakes	322	75	1,044	1,609	1,445	0	139	62	101	4,797
Northwest	1,055	116	1,576	9,539	2,022	0	20	0	674	15,002
Iowa Central	2,128	136	2,691	12,762	0	0	45	0	2,406	20,168
Iowa Valley	1,412	177	1,894	6,536	1,822	548	537	456	1,530	14,912
Hawkeye	1,299	236	3,590	8,307	0	0	0	189	597	14,218
Eastern Iowa	2,900	492	5,332	16,017	1,492	89	414	176	3,742	30,654
Kirkwood	2,950	1,586	7,243	13,874	2,414	0	106	2,269	6,588	37,030
Des Moines Area	6,288	1,274	9,427	9,862	4,687	0	536	1	293	32,368
Western Iowa Tech	1,303	0	2,293	8,104	3,762	25	181	0	1,688	17,356
Iowa Western	1,867	0	3,502	5,398	9,297	192	221	423	1,870	22,770
Southwestern	440	0	1,476	4,424	3,236	0	16	147	619	10,358
Indian Hills	1,931	36	2,256	9,106	4,621	37	129	85	711	18,912
Southeastern	2,264	0	1,255	2,806	570	0	26	0	542	7,463
Total	29,018	4,358	51,099	139,160	40,957	912	3,394	4,312	23,917	297,127
% of Total	9.8%	1.5%	17.2%	46.8%	13.8%	0.3%	1.1%	1.5%	8.0%	100.0%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-6: Non-Credit Enrollment by Program Type by College: 2008

College	State/ Federal										Total
	Adult Basic Education	Secondary Education	Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total	
Northeast Iowa	825	191	4,890	14,562	0	57	93	1,209	874	22,701	
North Iowa Area	1,464	23	2,330	14,785	6,347	0	0	9	1,971	26,929	
Iowa Lakes	387	101	1,210	2,205	1,178	0	148	47	139	5,415	
Northwest	906	0	1,803	8,867	2,049	0	70	0	1,445	15,140	
Iowa Central	2,165	53	2,718	18,419	0	0	305	0	2,444	26,104	
Iowa Valley	1,095	79	1,889	5,664	1,780	822	1,326	488	1,249	14,392	
Hawkeye	1,099	213	3,453	5,330	0	0	0	294	627	11,016	
Eastern Iowa	2,986	299	5,427	16,482	1,447	94	670	155	3,041	30,601	
Kirkwood	3,764	1,690	6,774	22,302	2,254	0	109	4,249	6,193	47,335	
Des Moines Area	7,536	1,159	9,323	9,857	3,333	0	766	6	254	32,234	
Western Iowa Tech	1,454	0	2,581	8,878	4,313	0	188	0	1,622	19,036	
Iowa Western	1,785	0	3,508	7,656	11,163	50	19	734	1,935	26,850	
Southwestern	437	0	1,614	4,295	3,410	7	0	14	38	9,815	
Indian Hills	1,613	36	2,569	9,023	3,602	128	151	22	623	17,767	
Southeastern	2,415	0	1,251	2,766	576	0	61	0	401	7,470	
Total	29,931	3,844	51,340	151,091	41,452	1,158	3,906	7,227	22,856	312,805	
% of Total	9.6%	1.2%	16.4%	48.3%	13.3%	0.4%	1.2%	2.3%	7.3%	100.0%	

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-7: Non-Credit Enrollment by Program Type by College: 2009

College	State/Federal										
	Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification / Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure / Recreational	Total	Total
Northeast Iowa	1,267	196	4,491	15,368	0	87	69	850	963	23,291	
North Iowa Area	1,077	20	2,418	13,380	6,342	0	379	37	2,222	25,875	
Iowa Lakes	352	61	1,179	1,728	1,307	0	242	10	110	4,989	
Northwest	917	0	1,567	9,269	2,140	0	20	0	985	14,898	
Iowa Central	2,167	23	2,686	15,549	0	0	21	0	758	21,204	
Iowa Valley	1,047	59	1,892	5,408	1,928	396	559	501	1,138	12,928	
Hawkeye	1,039	198	3,444	7,772	0	0	0	306	540	13,299	
Eastern Iowa	3,297	302	5,319	16,948	1,729	61	439	290	3,314	31,699	
Kirkwood	4,291	1,669	6,901	16,049	2,366	0	0	1,795	6,438	39,509	
Des Moines Area	5,177	1,202	10,531	9,042	3,297	0	778	19	217	30,263	
Western Iowa Tech	1,505	0	2,652	8,314	4,515	76	568	0	1,730	19,360	
Iowa Western	1,748	0	3,215	6,620	11,367	0	196	253	1,638	25,037	
Southwestern	450	0	1,465	4,153	3,073	0	0	42	1	9,184	
Indian Hills	1,527	32	2,611	9,312	3,848	135	307	15	527	18,314	
Southeastern	2,153	0	1,054	2,664	594	0	13	0	431	6,909	
Total	28,014	3,762	51,425	141,576	42,506	755	3,591	4,118	21,012	296,759	
% of Total	9.44%	1.27%	17.33%	47.71%	14.32%	0.25%	1.21%	1.39%	7.08%	100.00%	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS. *Community Rehabilitation-Sheltered Workshop Removed

Table 8-8: Non-Credit Enrollment by Program Type by College: 2010

College	State/Federal										
	Adult Basic Education	Secondary Education*	Recognized, Mandated, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Leisure / Recreational	Adult Learning	Total	Total
Northeast Iowa	927	200	3,911	11,241	5,690	90	23	640	50	22,772	22,772
North Iowa Area	1,109	18	2,338	15,924	4,417	0	838	2,101	0	26,745	26,745
Iowa Lakes	308	56	1,168	1,420	1,125	0	2	123	5	4,207	4,207
Northwest	1,062	0	1,566	8,369	1,851	0	71	1,251	0	14,170	14,170
Iowa Central	1,859	27	2,488	16,162	0	0	45	3,022	0	23,603	23,603
Iowa Valley	1,118	37	1,438	4,909	2,386	374	1,111	796	285	12,454	12,454
Hawkeye	992	86	3,837	4,190	90	0	0	174	170	9,539	9,539
Eastern Iowa	3,334	236	4,902	16,582	1,617	41	286	2,698	247	29,943	29,943
Kirkwood	4,107	1,633	6,018	21,713	1,116	0	7	5,532	136	40,262	40,262
Des Moines Area	6,790	1,014	9,828	7,873	2,412	0	498	182	8	28,605	28,605
Western Iowa Tech	1,454	0	2,206	9,103	4,412	0	187	1,608	0	18,970	18,970
Iowa Western	1,742	0	3,534	5,771	11,030	88	16	1,788	144	24,113	24,113
Southwestern	491	0	1,221	3,734	4,347	0	30	7	0	9,830	9,830
Indian Hills	1,424	29	2,128	10,522	4,285	30	294	411	6	19,129	19,129
Southeastern	2,043	0	1,143	2,230	749	0	0	386	0	6,551	6,551
Total	28,760	3,336	47,726	139,743	45,527	623	3,408	20,719	1,051	290,893	290,893
% of Total	9.89%	1.15%	16.41%	48.04%	15.65%	0.21%	1.17%	7.12%	0.36%	100.00%	100.00%

Source: Iowa Department of Education, Source: Iowa Department of Education, Division of Community Colleges, Community College MIS. *Community Rehabilitation-Sheltered Workshop Removed.

Table 8-9: Non-Credit Enrollment by Program Type by College: 2011

College	Enhance											Total
	Adult Basic Education*	State/Federal Mandated, Recognized, Court Ordered/Referred	Academic Success	Recertification / Relicensure	Community Policy	Family/Individual Development and Health	Adult Learning	Leisure/Recreational	Health	Policy	Development and Health	
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	10.05%	1.11%	17.18%	45.97%	18.62%	0.26%	0.73%	0.22%	5.87%	100.00%		

Note: *Excludes Community Rehabilitation-Sheltered Workshops. Source: Iowa Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 8-10: Iowa Course for Drinking Driving Enrollment and Contact Hours (Provided by Community Colleges): 2007-2011

College	2007		2008		2009		2010		2011		Average Change 2007-2011	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	300	4,349	285	4,176	214	3,154	221	3,254	241	3,542	-5.3%	-5.0%
North Iowa Area	0	0	0	0	0	0	0	0	0	0		
Iowa Lakes	274	3,288	283	3,396	289	4,162	280	4,046	0	0		
Northwest	144	1,901	149	1,967	76	1,049	100	1,380	88	1,211	-11.6%	-10.7%
Iowa Central	335	4,838	413	5,962	386	5,558	412	5,933	333	4,824	-0.1%	-0.1%
Iowa Valley	193	2,779	209	3,024	171	2,477	155	2,232	133	1,930	-8.9%	-8.7%
Hawkeye	665	12,267	550	10,474	548	10,588	487	9,401	475	8,897	-8.1%	-7.7%
Eastern Iowa	739	9,808	743	9,860	840	11,154	787	10,441	797	10,547	1.9%	1.8%
Kirkwood	2,249	51,036	2,221	49,808	2,256	44,796	2,268	44,996	2,172	43,342	-0.9%	-4.0%
Des Moines Area	2,703	80,755	2,899	85,430	3,237	101,006	3,147	102,931	2,687	90,835	-0.1%	3.0%
Western Iowa Tech	343	4,954	415	5,990	418	6,019	260	3,744	268	3,874	-6.0%	-6.0%
Iowa Western	568	8,208	536	7,733	500	7,200	447	6,437	431	6,221	-6.7%	-6.7%
Southwestern	207	3,010	199	2,866	207	2,995	189	2,736	219	3,154	1.4%	1.2%
Indian Hills	287	3,444	271	3,456	269	3,228	371	5,230	269	3,888	-1.6%	3.1%
Southeastern	118	1,558	84	1,109	87	1,162	79	1,043	70	924	-12.2%	-12.2%
Total	9,125	192,193	9,257	195,251	9,498	204,548	9,203	203,804	8,183	183,188	-2.7%	-1.2%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-11: Iowa Course for Driver Improvement Enrollment and Contact Hours: 2007-2011

College	2007		2008		2009		2010		2011		Average Change 2007-2011	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	202	1,949	197	1,901	176	1,690	211	2,045	170	1,661	-4.2%	-3.9%
North Iowa Area	123	1,190	83	797	130	1,248	108	1,037	101	970	-4.8%	-5.0%
Iowa Lakes	43	344	63	504	42	403	53	509	39	374	-2.4%	2.1%
Northwest	93	818	75	660	88	774	84	739	69	607	-7.2%	-7.2%
Iowa Central	136	1,306	123	1,181	113	1,085	99	950	64	614	-17.2%	-17.2%
Iowa Valley	109	1,046	93	893	135	1,296	127	1,219	79	768	-7.7%	-7.4%
Hawkeye	267	2,327	244	2,075	221	1,856	235	1,974	181	1,520	-9.3%	-10.1%
Eastern Iowa	431	3,793	406	3,573	436	3,846	428	3,775	341	3,001	-5.7%	-5.7%
Kirkwood	556	4,893	486	4,277	490	4,287	494	4,298	401	3,489	-7.8%	-8.1%
Des Moines Area	1,098	11,654	1,128	12,490	1,218	13,114	1,107	12,010	1,001	10,800	-2.3%	-1.9%
Western Iowa Tech	184	1,776	205	1,968	188	1,834	210	2,016	164	1,596	-2.8%	-2.6%
Iowa Western	142	1,373	131	1,258	149	1,440	132	1,267	123	1,181	-3.5%	-3.7%
Southwestern	99	950	94	902	103	998	65	624	60	576	-11.8%	-11.8%
Indian Hills	160	1,288	169	1,368	196	1,576	175	1,654	112	1,075	-8.5%	-4.4%
Southeastern	146	1,285	154	1,355	154	1,364	140	1,232	100	880	-9.0%	-9.0%
Total	3,789	35,992	3,651	35,200	3,839	36,810	3,668	35,349	3,005	29,112	-5.6%	-5.2%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-12: Community Rehabilitation Program (Sheltered Workshop) Enrollment and Contact Hours: 2007-2011

College	2007			2008			2009			2010			2011			Average Change 2007-2011	
	Students	Contact Hours		Students	Contact Hours		Students	Contact Hours		Students	Contact Hours		Students	Contact Hours		Students	Contact Hours
Northeast Iowa	87	18,360		55	12,660		0	0		0	0		0	0			
North Iowa Area	291	72,480		261	61,380		199	51,240		19	4,200		20	4,080		-48.8%	-51.3%
Iowa Lakes	66	15,540		65	14,940		58	13,320		0	0		0	0			
Northwest	0	0		0	0		0	0		0	0		116	28,980		-	-
Iowa Central	62	15,624		61	12,600		33	8,640		31	8,352		0	0			
Iowa Valley	63	15,840		61	16,200		64	16,848		62	13,980		60	13,980		-1.2%	-3.1%
Hawkeye	153	3,430		32	1,628		33	1,566		36	1,924		38	3,931		-29.4%	3.5%
Eastern Iowa	53	5,640		94	17,400		104	22,380		113	22,260		92	20,400		14.8%	37.9%
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	159	30,624		155	29,075		142	27,540		92	16,980		73	13,980		-17.7%	-17.8%
Southwestern	59	12,240		59	12,000		66	13,980		71	13,800		97	18,780		13.2%	11.3%
Indian Hills	154	28,320		137	22,530		114	24,180		44	5,760		24	5,160		-37.2%	-34.7%
Southeastern	0	0		0	0		0	0		0	0		0	0		-	-
Total	1,147	218,098		980	200,413		813	179,694		468	87,256		520	109,291		-17.9%	-15.9%

Note: Includes ABE Sheltered Workshops. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-13: Mine Safety and Health Administration (MSHA) Enrollment and Contact Hours: 2007-2011

College	2007		2008		2009		2010		2011		Average Change 2007-2011	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	585	5,626	962	9,245	794	7,661	126	1,210	129	1,238	-31.5%	-31.5%
North Iowa Area	272	2,842	260	2,602	215	2,093	14	134	31	298	-41.9%	-43.1%
Iowa Lakes	59	472	32	256	0	0	15	144	33	470	-13.5%	-0.1%
Northwest	90	828	85	782	20	184	58	570	36	331	-20.5%	-20.5%
Iowa Central	224	2,458	224	2,393	197	2,478	19	182	75	720	-23.9%	-26.4%
Iowa Valley	247	2,260	138	1,303	74	998	41	344	6	58	-60.5%	-60.0%
Hawkeye	0	0	0	0	0	0	197	1,500	0	0	-	-
Eastern Iowa	54	651	306	4,057	132	1,593	159	1,927	201	2,182	38.9%	35.3%
Kirkwood	85	740	0	0	177	2,105	0	0	68	766	-5.4%	0.9%
Des Moines Area	404	4,152	308	3,168	356	3,528	22	230	16	154	-55.4%	-56.1%
Western Iowa Tech	54	518	44	422	59	496	0	0	3	29	-51.5%	-51.5%
Iowa Western	0	0	0	0	0	0	4	38	10	246	-	-
Southwestern	0	0	7	67	0	0	0	0	2	58	-	-
Indian Hills	89	712	132	983	116	1,110	8	173	8	154	-45.2%	-31.8%
Southeastern	44	387	66	581	22	194	24	211	40	449	-2.4%	3.8%
Total	2,207	21,645	2,564	25,859	2,162	22,440	687	6,665	658	7,152	-26.1%	-24.2%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-14: Used Motor Vehicle Dealer Education Program Enrollment and Contact Hours: 2009-2011

College	2009		2010		2011		Average Change 2009-2011	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	177	1,174	0	0	146	876	-9.2%	-13.6%
North Iowa Area	96	608	14	84	92	552	-2.1%	-4.7%
Iowa Lakes	59	337	0	0	21	126	-40.3%	-38.9%
Northwest	51	303	48	278	29	168	-24.6%	-25.4%
Iowa Central	64	402	0	0	86	516	15.9%	13.3%
Iowa Valley	84	580	4	24	71	426	-8.1%	-14.3%
Hawkeye	33	175	13	78	96	576	70.6%	81.5%
Eastern Iowa	68	407	0	0	104	572	23.7%	18.5%
Kirkwood	145	859	19	142	231	1,393	26.2%	27.3%
Des Moines Area	0	0	326	2,693	394	3,001	20.9%	11.5%
Western Iowa Tech	84	533	7	42	70	420	-8.7%	-11.2%
Iowa Western	72	547	31	186	45	270	-20.9%	-29.8%
Southwestern	55	373	0	0	53	318	-1.8%	-7.7%
Indian Hills	111	603	22	132	104	639	-3.2%	3.0%
Southeastern	86	503	38	503	27	149	-44.0%	-45.6%
Total	1,185	7,403	522	4,162	1,569	10,002	15.1%	16.2%

Note: Each bar “|” denotes 10 students. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-15: Corrections Non-Credit Enrollment, Contact Hours, and Courses Delivered by College: 2007-2011

College	*2007			*2008			*2009			*2010			*2011		
	Students	Contact Hours	Courses Delivered	Students	Contact Hours	Courses Delivered	Students	Contact Hours	Courses Delivered	Students	Contact Hours	Courses Delivered	Students	Contact Hours	Courses Delivered
Northeast Iowa	202	--	--	0	0	0	0	0	0	0	0	0	0	0	0
North Iowa Area	21	2,100	35	21	1,860	31	17	1,860	31	2,040	34	18	1,620	27	
Iowa Lakes	0	--	--	--	--	--	0	0	0	--	--	--	--	--	
Northwest	57	--	--	31	3,720	31	53	4,440	74	7,920	132	67	5,880	98	
Iowa Central	804	85,250	1,355	824	97,489	1,373	756	100,565	1,338	58,303	653	681	112,534	1,302	
Iowa Valley	125	432	6	--	--	--	0	0	0	2,640	44	70	4,740	79	
Hawkeye	125	9,391	194	124	8,316	188	111	2,495	160	1,501	151	45	1,502	65	
Eastern Iowa	424	15,240	254	104	7,080	118	116	7,980	133	77,401	129	121	9,120	152	
Kirkwood	621	59,220	987	622	60,120	1,002	606	68,340	1,139	80,700	1,345	656	68,760	1,146	
Des Moines Area	181	25,090	387	457	31,458	668	125	10,110	169	17,544	439	482	23,629	533	
Western Iowa Tech	0	--	--	--	--	--	0	0	0	--	--	--	--	--	
Iowa Western	0	44,460	741	332	43,680	728	319	44,800	841	42,360	706	349	44,580	743	
Southwestern	0	--	--	--	--	--	0	0	0	--	--	--	--	--	
Indian Hills	0	--	--	--	--	--	0	0	0	--	--	--	--	--	
Southwestern	1,203	130,320	2,172	1,215	118,921	2,306	1,009	125,700	2,095	110,940	1,849	597	81,720	1,362	
Total	3,763	371,503	6,131	3,730	372,644	6,445	3,112	366,290	5,980	401,349	5,482	3,086	354,084	5,507	

Note: *Subset of MIS total enrollment. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 8-16: Online Non-Credit Enrollment and Contact Hours by College: 2007-2011

College	2007		2008		2009		2010		2011		Average Change 2007-2011	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	613	15,190	61	4,007	86	4,424	149	8,909	416	7,364	-9.2%	-16.6%
North Iowa Area	3,486	10,945	4,227	12,824	6,459	26,891	9,627	49,577	81	2,305	-61.0%	-32.3%
Iowa Lakes	0	0	109	3,048	87	2,515	49	1,378	59	1,637	-18.5%	-18.7%
Northwest	15,359	249,701	109	3,977	49	1,426	0	0	25	2,220	-79.9%	-69.3%
Iowa Central	0	0	473	5,258	384	3,696	527	3,890	712	5,632	14.6%	2.3%
Iowa Valley	0	0	0	0	193	7,760	155	6,202	179	5,998	-3.7%	-12.1%
Hawkeye	57	2,746	54	2,916	43	1,518	49	1,779	118	2,810	20.0%	0.6%
Eastern Iowa	625	26,005	745	33,692	658	35,013	853	35,899	1,211	29,496	18.0%	3.2%
Kirkwood	448	15,298	624	16,280	987	36,349	627	37,167	893	58,808	18.8%	40.0%
Des Moines Area	6	72	0	0	0	0	588	19,530	1,553	31,234	301.1%	356.4%
Western Iowa Tech	290	1,927	254	2,369	336	1,612	320	1,515	467	1,840	12.6%	-1.2%
Iowa Western	0	0	516	16,500	716	14,324	752	17,567	761	14,432	13.8%	-4.4%
Southwestern	19	1,238	0	0	24	2,216	15	1,800	48	6,023	26.1%	48.5%
Indian Hills	0	0	0	0	139	2,256	79	2,451	58	2,826	-35.4%	11.9%
Southeastern	135	12,920	165	17,688	187	10,035	160	7,171	167	7,585	5.5%	-12.5%
Total	21,038	336,042	7,337	118,559	10,348	150,037	13,950	194,834	6,748	180,210	-24.7%	-14.4%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

9

ADULT LITERACY ENROLLMENT AND PROGRAMS

Iowa's adult literacy programs are delivered through the state's 15 community colleges. Through non-credit instruction, adult literacy programs are delivered on a continuum from English as a Second Language (ESL) to earning a high school equivalency diploma (GED). Adult learners develop competence in reading, writing, speaking, problem-solving, and computation. Skills-set instruction is contextualized within workforce competency curriculum.

Adult literacy program enrollment, reported through the Community College Management Information System (MIS), has decreased an average of 1.7 percent annually from fiscal year 2007 to 2011 (Figure 9-1). In 2011, 27,140 students were enrolled in adult literacy programs including a subset of students (11,181) that were included in the federal reporting of adult literacy students.

Total adult literacy enrollment data collected through

ADULT LITERACY ENROLLMENT

NUMBER OF STUDENTS:

27,140

DECREASE SINCE LAST YEAR:

↓ 5.6%

STUDENTS REPORTED PER NRS REQUIREMENTS:

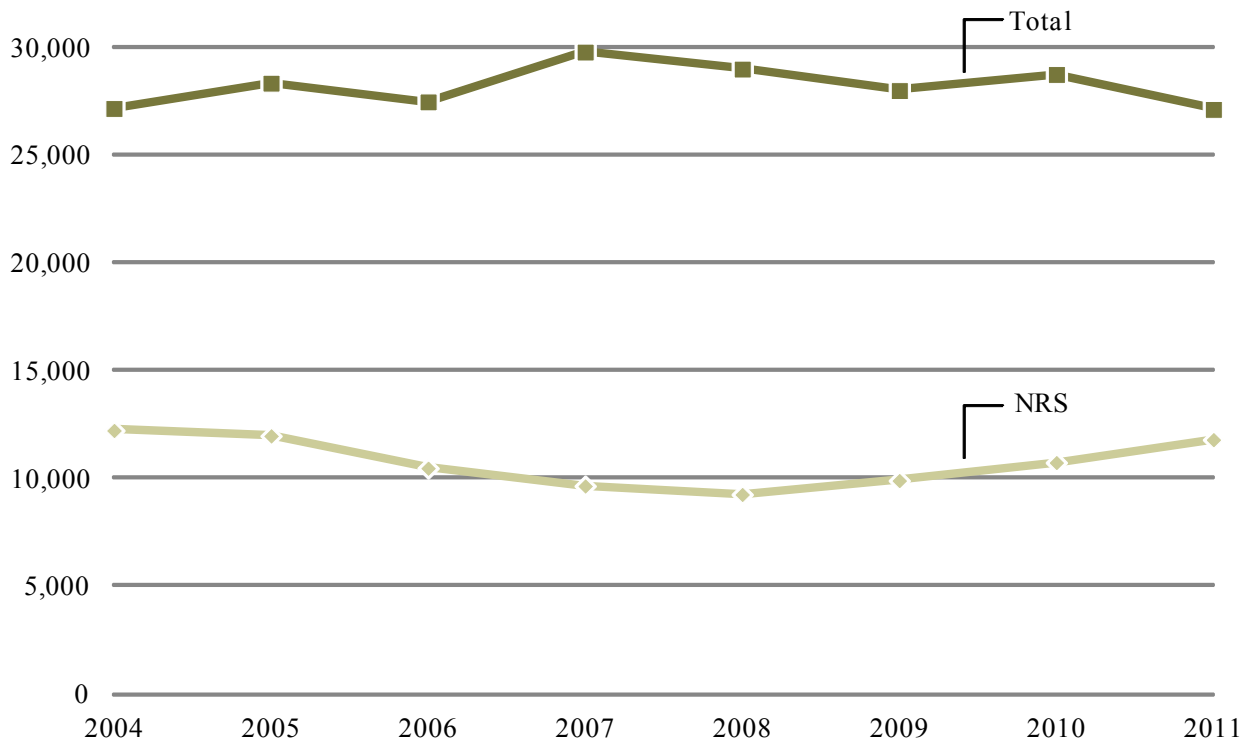
11,181

GROWTH SINCE LAST YEAR:

↑ 4.0%

the MIS includes all students who attended at least one, 50-minute class period. The subset of adult literacy students meeting National Reporting System (NRS) requirements is included in year-end federal reporting. While only a portion of the overall population served by adult literacy programs, this subset represents learners achieving outcomes fundamental to academic and vocational success. The NRS is the accountability

Figure 9-1: Adult Literacy Program Enrollment: 2004-2011

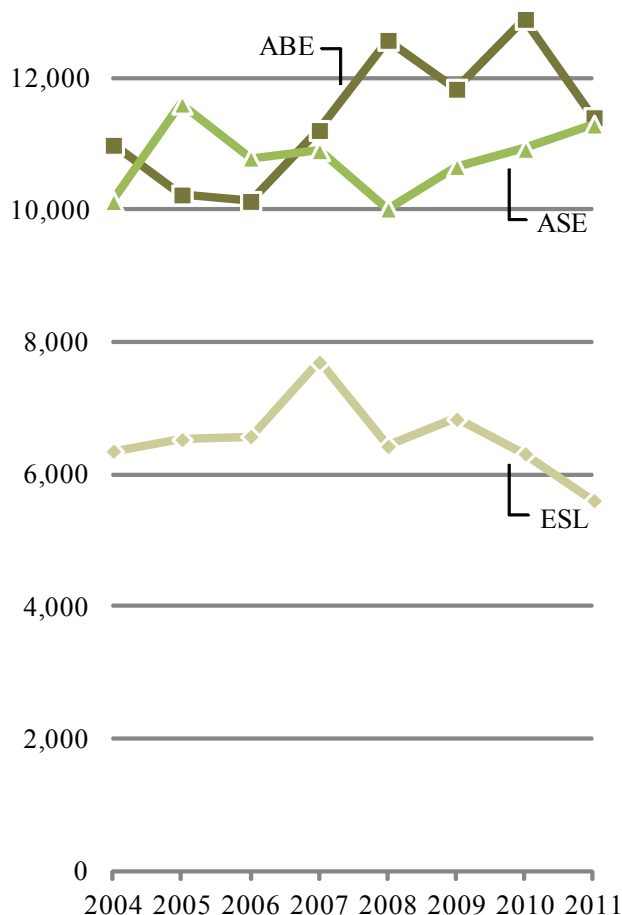


SOURCE: Iowa Department of Education, Division of Community Colleges. See Tables 9-1, 9-2.

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 reporting to the U.S. Department of Education Office of Vocational and Adult Education (OVAE). Requirements for inclusion include: learners must be 16 years old, may not be jointly enrolled in high school, and must be enrolled in an eligible program. NRS reported learners are the subset of learners demonstrating persistence, academic gain, and goal-setting and outcomes that include earning a GED, entering postsecondary education or training, and obtaining or retaining employment.

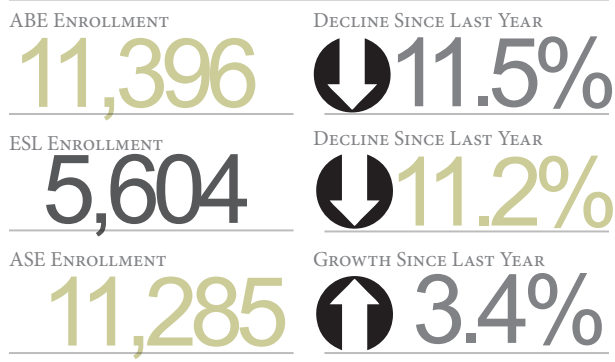
While MIS-reported enrollment has remained constant from 2007 to 2011, NRS reported enrollment has declined annually from 2001-2008, with reporting increases beginning in 2009 and continuing annually in 2010 and 2011. Based on program year 2009, OVAE and NRS changes to the data parameters, Iowa programs are required to report all students served with AEFLA funding into the NRS reported data base. Over time, the

Figure 9-2: Adult Literacy Enrollment by Program: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges. See Tables 9-3, 9-5, 9-7.

ADULT LITERACY PROGRAM ENROLLMENT

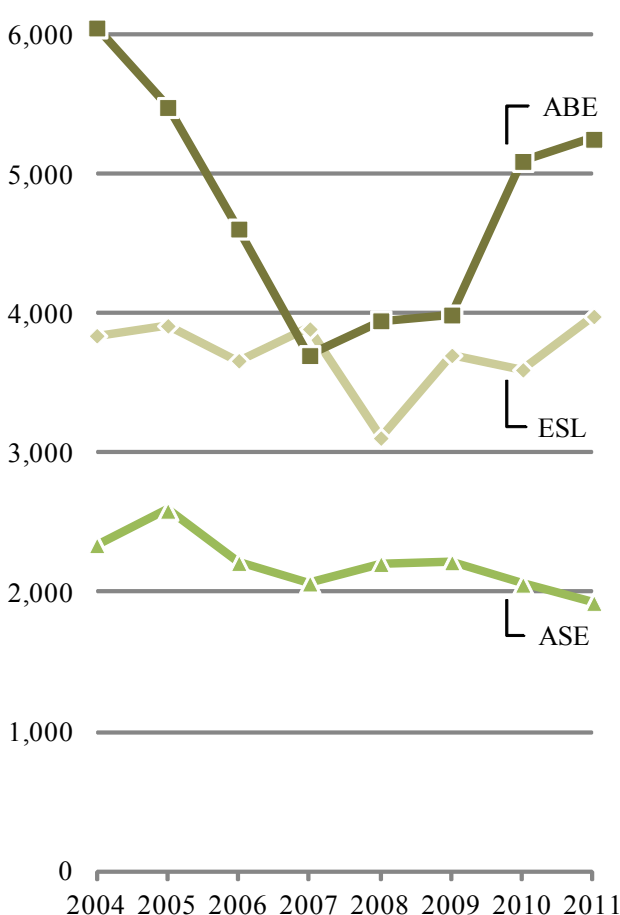


expectation is that federally-reported data will increase to levels congruent with MIS-reported state general aid reimbursable enrollment.

Enrollment in Instructional Programs

Adult literacy instructional programs represent a progression of basic skill attainment. Instructional

Figure 9-3: NRS-Reported Adult Literacy Enrollment by Program: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges. See Table 9-4, 9-6, 9-8.

programs include ESL, Adult Basic Education (ABE) skill attainment, and Adult Secondary Education (ASE). At the ASE level, individuals may obtain a General Education Development (GED) diploma or an adult high school diploma issued by the community college.

ESL instructional programs are designed for individuals with limited English proficiency (speaking, reading, writing, or comprehension) to increase competence in English. Enrollment in ESL instructional programs declined an average of 7.6 percent annually between 2007 and 2011 (Figure 9-2). NRS reported ESL enrollment increased .6 percent (Figure 9-3).

ABE instructional programs are designed for adults lacking competence in reading, writing, speaking, problem-solving, or computation at a level to function in society, employment, or in a family. Enrollment in ABE programs has increased an average of .4 percent annually since 2007. NRS reported enrollment in ABE programs rose 9.1 percent from 2007 to 2011, in part because of local program compliance coding according to NRS educational functioning level guidelines.

Through ASE instructional programs, students acquire the skills to earn an Iowa High School Equivalency Diploma by passing the (GED) test battery or earn an adult high school diploma issued upon successful completion of courses delivered by community colleges. Enrollment in ASE (GED and adult high school diploma) programs has increased an average of 1.2 percent annually from 2007 to 2011, due in part, to a change in the way colleges enroll students in courses titled “GED”

NRS-REPORTED ADULT LITERACY PROGRAM ENROLLMENT

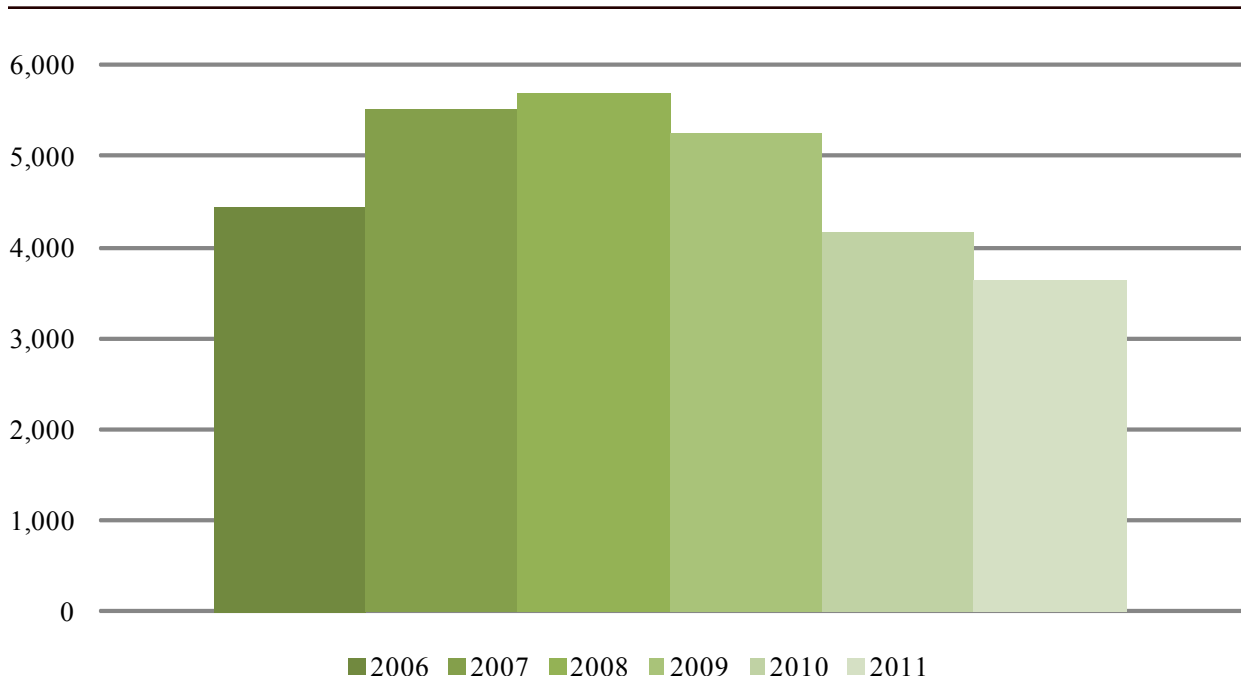


instead of “ABE”. GED MIS Enrollment (excluding adult high school diploma enrollees) has decreased an average of 1.8 percent since 2007. NRS reported GED program enrollment decreased 1.7 percent from 2007 to 2011.

Adult Literacy Grade Level Completions

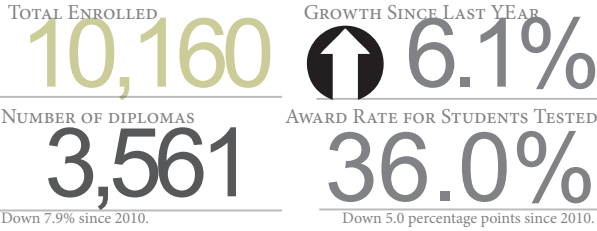
Iowa’s adult literacy program uses the federally approved Comprehensive Adult Student Assessment System (CASAS) to assess all incoming students for grade level placement. The CASAS test inventory aligns placement with participants’ goals of learning English as a second language, acquiring basic skills, or earning a GED or diploma. By 2014, the CASAS assessment inventory will be aligned with the Common Core (www.corestandards.org).

Figure 9-4: Grade Level Completions: 2006-2011



SOURCE: Iowa Department of Education, Division of Community Colleges. See Table 9-10.

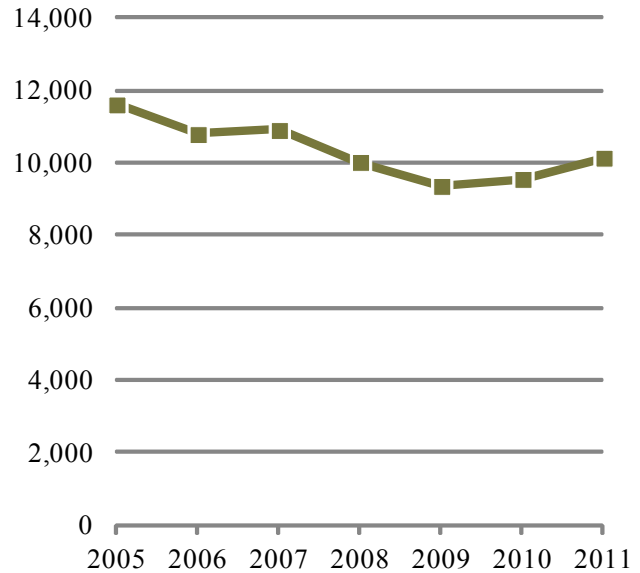
GED PROGRAM



Upon entry and assessment, students are placed into grade levels equivalent to grades one through 12 in up to four subject areas -- reading, math, writing, and listening. After 70-100 hours of instructional intervention (a minimum of 40 hours), students are assessed for grade level completions.

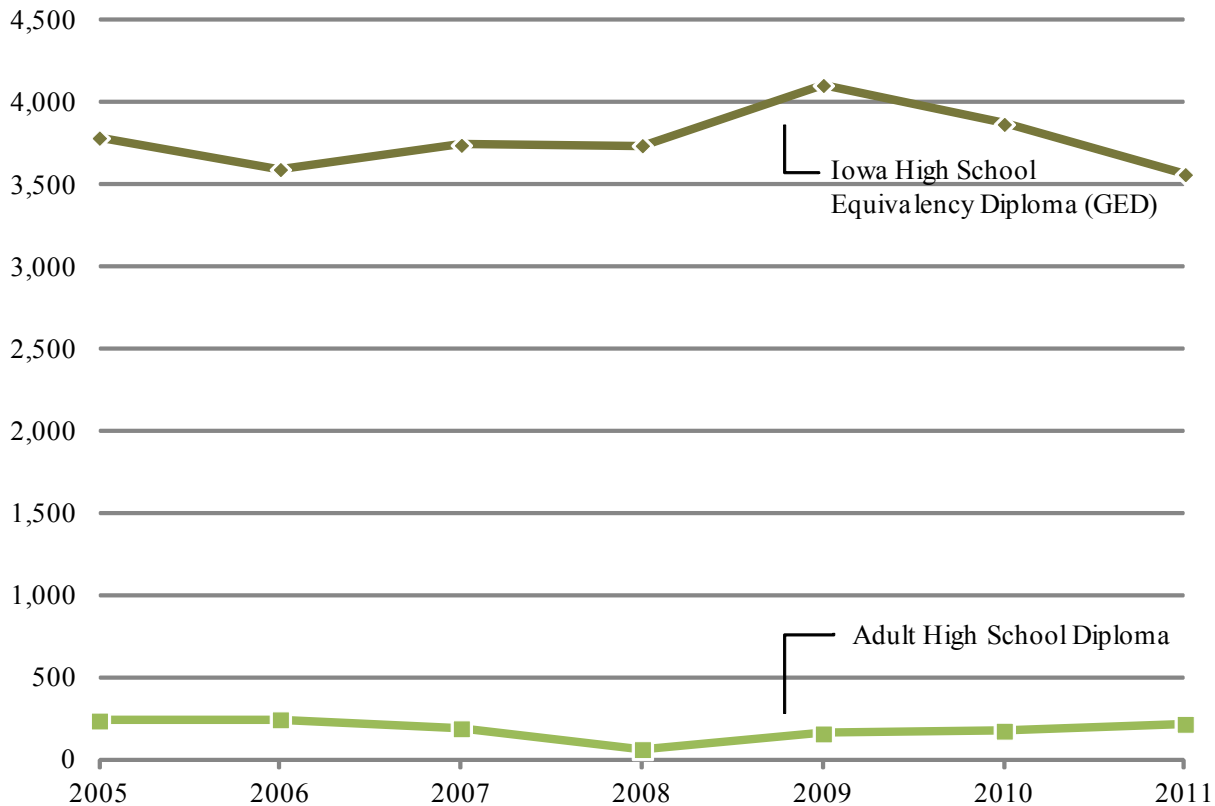
In 2011, 3,638 participants persisting beyond 40 hours of instruction, took a post-assessment, and completed or advanced at least one grade level in the fiscal year. Between 2006 and 2011, 28,709 participants, out of 61,069, or 47 percent of all participants persisting beyond 40 hours of instruction and receiving a post-assessment completed or advanced at least one grade level within the fiscal year of participation.

Figure 9-5: GED Program Enrollment (MIS): 2005-2011



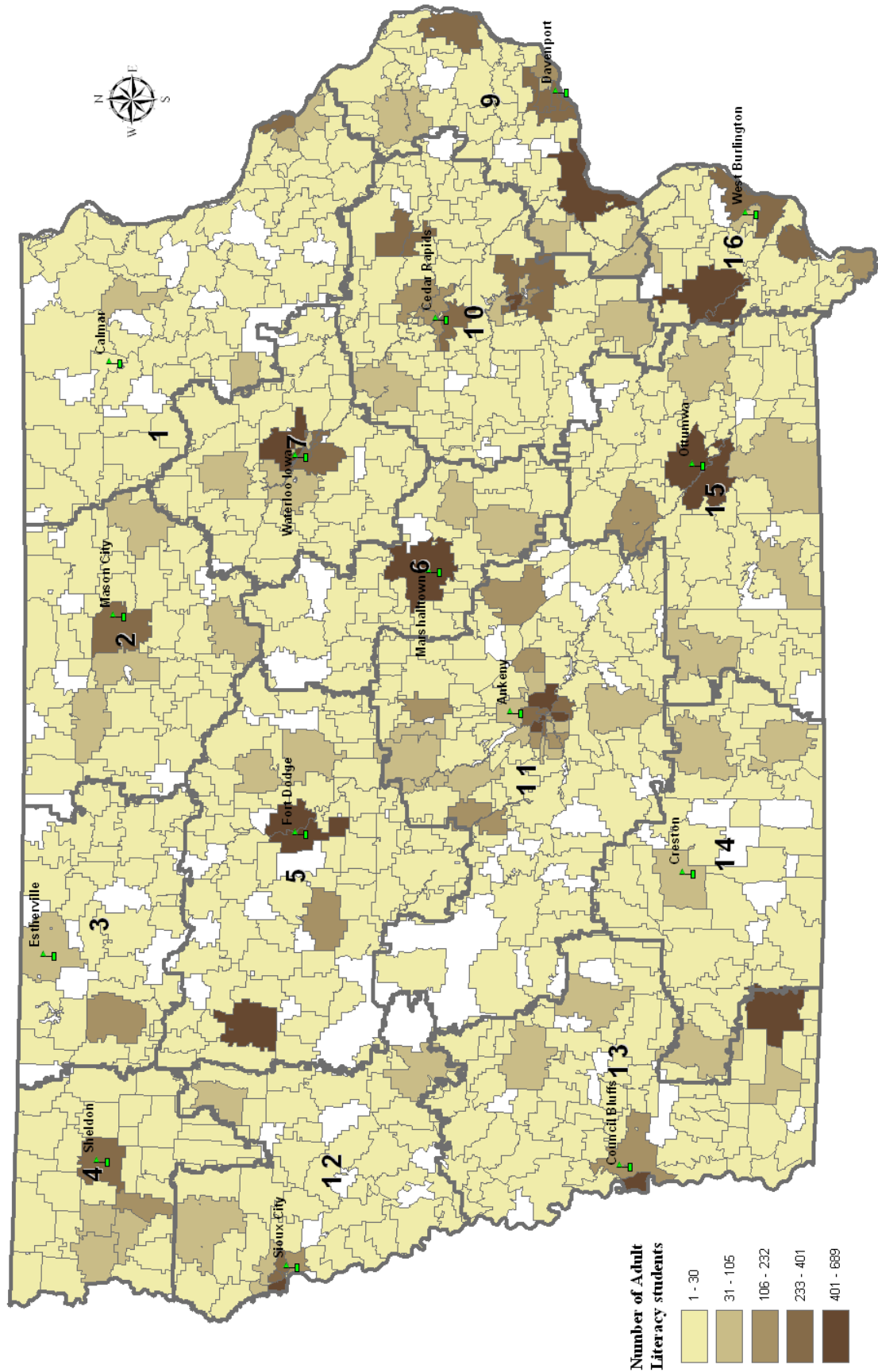
SOURCE: Iowa Department of Education, Division of Community Colleges. See Table 9-11.

Figure 9-6: Adult Literacy Diplomas Awarded: 2005-2011



SOURCE: Iowa Department of Education, Division of Community Colleges. See Table 9-9.

Figure 9-7: MIS-Reported Adult Literacy Program Enrollment by Zip Code Area: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges.

Table 9-1: Adult Literacy Program Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	936	770	1,267	927	859	-2.1%
North Iowa Area	1,319	1,050	1,077	1,109	840	-10.7%
Iowa Lakes	256	322	352	308	329	6.5%
Northwest	1,055	906	917	1,062	924	-3.3%
Iowa Central	2,066	2,104	2,167	1,859	1,689	-4.9%
Iowa Valley	1,349	1,034	1,047	1,118	1,055	-6.0%
Hawkeye	2,077	1,067	1,039	992	1,607	-6.2%
Eastern Iowa	2,847	2,892	3,297	3,334	2,946	0.9%
Kirkwood	2,950	3,760	4,291	4,107	4,009	8.0%
Des Moines Area	7,284	7,536	5,177	6,790	6,270	-3.7%
Western Iowa Tech	1,303	1,454	1,505	1,454	1,909	10.0%
Iowa Western	2,035	1,962	1,748	1,742	1,571	-6.3%
Southwestern	381	378	450	491	488	6.4%
Indian Hills	1,777	1,476	1,527	1,424	1,103	-11.2%
Southeastern	2,162	2,296	2,153	2,043	1,541	-8.1%
Total	29,797	29,007	28,014	28,760	27,140	-2.3%

NOTE: Each bar “|” denotes 250 enrollees. Includes CIPs 32010100, 32010900, 32010910, 32010500, 53020100. Numbers do not include Community Rehabilitation Sheltered Work-shops.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 9-2: NRS-Reported Adult Literacy Program Enrollment by College: 2007-2011

College	2007	2008	2009	2010*	2011	Average Change 2007-2011
Northeast Iowa	367	310	430	341	374	0.5%
North Iowa Area	296	264	291	298	164	-13.7%
Iowa Lakes	103	107	86	117	10	-44.2%
Northwest	183	163	158	182	213	3.9%
Iowa Central	502	486	558	600	697	8.6%
Iowa Valley	702	514	636	664	651	-1.9%
Hawkeye	768	672	671	647	767	0.0%
Eastern Iowa	1,060	1,207	947	1,172	1,291	5.1%
Kirkwood	930	821	962	935	764	-4.8%
Des Moines Area	2,169	2,267	2,625	2,768	3,250	10.6%
Western Iowa Tech	708	628	858	867	1,015	9.4%
Iowa Western	529	362	322	520	478	-2.5%
Southwestern	196	184	192	177	224	3.4%
Indian Hills	816	869	812	720	671	-4.8%
Southeastern	335	417	370	744	612	16.3%
Total	9,664	9,271	9,918	10,752	11,181	3.7%

NOTE: Each bar “|” denotes 100 enrollees. * Includes all Enrollees with 12 hours of instruction and a pre test.

SOURCE: Iowa Department of Education, Division of Community Colleges, TopsPro.

Table 9-3: ABE Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	507	490	847	556	529	1.1%
North Iowa Area	809	660	631	714	479	-12.3%
Iowa Lakes	25	43	14	0	0	-100.0%
Northwest	779	720	672	735	649	-4.5%
Iowa Central	502	477	503	326	222	-18.5%
Iowa Valley	84	74	41	40	38	-18.0%
Hawkeye	811	168	167	161	697	-3.7%
Eastern Iowa	1,871	1,837	2,260	2,410	2,210	4.3%
Kirkwood	671	1,808	2,045	1,989	2,055	32.3%
Des Moines Area	2,614	3,865	2,156	3,440	3,178	5.0%
Western Iowa Tech	22	28	20	0	0	-100.0%
Iowa Western	467	477	720	716	445	-1.2%
Southwestern	260	296	275	380	93	-22.7%
Indian Hills	877	746	699	657	546	-11.2%
Southeastern	904	879	777	760	255	-27.1%
Total	11,203	12,568	11,827	12,884	11,396	0.4%

NOTE: Each bar "1" denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 9-4: NRS-Reported ABE Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	190	174	252	193	226	4.4%
North Iowa Area	175	154	173	206	111	-10.8%
Iowa Lakes	35	52	30	63	5	-38.5%
Northwest	56	61	36	54	31	-13.7%
Iowa Central	126	121	175	237	284	22.5%
Iowa Valley	251	215	221	252	222	-3.0%
Hawkeye	340	309	346	345	475	8.7%
Eastern Iowa	562	668	519	683	919	13.1%
Kirkwood	359	309	308	358	343	-1.1%
Des Moines Area	446	825	824	1,021	1,195	27.9%
Western Iowa Tech	168	136	205	245	263	11.9%
Iowa Western	279	165	179	341	283	0.4%
Southwestern	101	95	78	84	66	-10.1%
Indian Hills	416	428	423	422	350	-4.2%
Southeastern	198	239	224	591	481	24.8%
Total	3,702	3,951	3,993	5,095	5,254	9.1%

NOTE: Each bar "I" denotes 50 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, TopsPro.

Table 9-5: ESL Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	249	117	190	170	146	-12.5%
North Iowa Area	170	67	111	62	62	-22.3%
Iowa Lakes	65	71	78	49	16	-29.6%
Northwest	188	111	118	106	138	-7.4%
Iowa Central	580	617	592	597	498	-3.7%
Iowa Valley	706	434	513	489	478	-9.3%
Hawkeye	273	248	223	214	147	-14.3%
Eastern Iowa	534	520	559	486	409	-6.4%
Kirkwood	758	664	794	590	480	-10.8%
Des Moines Area	2,721	2,159	2,303	2,327	2,049	-6.8%
Western Iowa Tech	642	666	619	631	723	3.0%
Iowa Western	265	268	195	163	131	-16.1%
Southwestern	77	71	102	103	68	-3.1%
Indian Hills	402	338	330	266	215	-14.5%
Southeastern	67	73	109	58	44	-10.0%
Total	7,697	6,424	6,836	6,311	5,604	-7.6%

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 9-6: NRS-Reported ESL Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	83	47	88	101	93	2.9%
North Iowa Area	51	43	53	30	20	-20.9%
Iowa Lakes	29	27	28	23	0	-100.0%
Northwest	110	70	99	112	141	6.4%
Iowa Central	290	274	285	263	308	1.5%
Iowa Valley	402	245	357	336	370	-2.1%
Hawkeye	234	201	189	182	129	-13.8%
Eastern Iowa	214	202	155	244	205	-1.1%
Kirkwood	289	233	338	238	183	-10.8%
Des Moines Area	1,461	1,030	1,292	1,300	1,576	1.9%
Western Iowa Tech	389	355	505	494	673	14.7%
Iowa Western	93	84	72	88	86	-1.9%
Southwestern	30	32	39	38	34	3.2%
Indian Hills	200	238	176	128	142	-8.2%
Southeastern	17	29	27	22	22	6.7%
Total	3,892	3,110	3,703	3,599	3,982	0.6%

NOTE: Each bar “|” denotes 50 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, TopsPro.

Table 9-7: ASE Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	180	163	230	201	184	0.6%
North Iowa Area	368	346	355	351	296	-5.3%
Iowa Lakes	166	208	260	259	313	17.2%
Northwest	89	75	127	191	137	11.4%
Iowa Central	1,046	1,063	1,095	963	969	-1.9%
Iowa Valley	617	560	493	589	539	-3.3%
Hawkeye	703	653	649	617	763	2.1%
Eastern Iowa	442	535	478	448	327	-7.3%
Kirkwood	1,852	1,580	1,812	1,903	1,832	-0.3%
Des Moines Area	1,947	2,395	1,622	1,976	1,043	-14.4%
Western Iowa Tech	639	760	866	823	1,976	32.6%
Iowa Western	976	1,217	833	863	995	0.5%
Southwestern	44	11	73	8	327	65.1%
Indian Hills	499	392	498	501	342	-9.0%
Southeastern	1,191	1,344	1,267	1,226	1,242	1.1%
Total	10,759	11,302	10,658	10,919	11,285	1.2%

NOTE: Each bar “|” denotes 100 enrollees. Includes GED and Adult High School Diploma Enrollees at the ASE Level.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 9-8: NRS-Reported ASE Enrollment by College: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	94	89	90	47	55	-12.5%
North Iowa Area	70	67	65	62	33	-17.1%
Iowa Lakes	39	28	28	31	5	-40.2%
Northwest	17	32	23	16	41	24.6%
Iowa Central	86	91	98	100	105	5.1%
Iowa Valley	49	54	58	76	59	4.8%
Hawkeye	194	162	136	120	163	-4.3%
Eastern Iowa	284	337	273	245	167	-12.4%
Kirkwood	282	279	316	339	224	-5.6%
Des Moines Area	262	412	509	447	479	16.3%
Western Iowa Tech	151	137	148	128	79	-15.0%
Iowa Western	157	113	71	91	109	-8.7%
Southwestern	65	57	75	55	124	17.5%
Indian Hills	200	203	213	173	179	-2.7%
Southeastern	120	149	119	131	109	-2.4%
Total	2,070	2,210	2,222	2,061	1,931	-1.7%

NOTE: Each bar "|" denotes 50 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, TopsPro.

Table 9-9: Adult Literacy Credentials Awarded, By College: 2009-2011

College	*Basic Literacy Skill Certificates				**High School Equivalency Diplomas (GED)				***Community College Adult High School Diplomas				Total			
	2009	2010	2011	Percent Change	2009	2010	2011	Percent Change	2009	2010	2011	Percent Change	2009	2010	2011	Percent Change
	Northeast Iowa	252	103	69	-47.7%	193	165	139	-15.1%	0	0	0	-	445	268	234
North Iowa Area	201	59	28	-62.7%	97	79	78	-10.3%	0	0	0	-	298	138	107	-40.1%
Iowa Lakes	58	56	4	-73.7%	70	73	44	-20.7%	1	0	NR	-	129	129	77	-22.7%
Northwest	85	56	29	-41.6%	42	48	33	-11.4%	0	0	0	-	127	104	77	-22.1%
Iowa Central	429	330	320	-13.6%	301	319	286	-2.5%	2	0	0	200.0%	732	649	639	-6.6%
Iowa Valley	249	181	180	-15.0%	138	153	113	-9.5%	2	2	NR	0.0%	389	336	333	-7.5%
Hawkeye	342	245	237	-16.8%	148	150	159	3.6%	3	1	1	200.0%	493	396	388	-11.3%
Eastern Iowa	469	253	231	-29.8%	626	585	533	-7.7%	0	0	0	-	1,095	838	816	-13.7%
Kirkwood	534	425	227	-34.8%	476	459	440	-3.9%	82	53	72	-54.7%	1,092	937	758	-16.7%
Des Moines Area	1,329	1,329	1,187	-5.5%	930	956	894	-2.0%	66	117	129	33.1%	2,325	2,402	2,272	-1.1%
Western Iowa Tech	385	293	426	5.2%	273	240	196	-15.3%	0	0	NR	-	658	533	666	0.6%
Iowa Western	194	154	130	-18.1%	216	241	215	-0.2%	0	0	13	-	410	395	384	-3.2%
Southwestern	124	75	103	-8.9%	59	52	41	-16.6%	0	0	0	-	183	127	155	-8.0%
Indian Hills	485	362	321	-18.6%	196	162	139	-15.8%	0	0	0	-	681	524	483	-15.8%
Southeastern	203	247	146	-15.2%	260	212	256	-0.8%	0	0	0	-	463	459	358	-12.1%
Total	5,339	4,168	3,638	-17.5%	4,025	3,894	3,566	-5.9%	156	173	215	17.4%	9,520	8,235	7,747	-9.8%

Note: Each bar "|" denotes 50 enrollees.

*Includes Non Program Enrollees including corrections literacy programs. Federal Table 4b Column D.Counts include leveling certificate only. Additional modalities not included.

**Excludes GEDs issued through the Iowa Department of Education.

***Community college-based adult high school diploma programs.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 9-10: Grade Level Completions: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	223	229	252	103	69	-25.4%
North Iowa Area	211	189	201	59	28	-39.6%
Iowa Lakes	74	80	57	56	4	-51.8%
Northwest	104	82	85	56	29	-27.3%
Iowa Central	344	317	429	330	320	-1.8%
Iowa Valley	353	208	251	181	180	-15.5%
Hawkeye	313	341	342	245	237	-6.7%
Eastern Iowa	843	871	467	253	231	-27.6%
Kirkwood	517	531	524	425	227	-18.6%
Des Moines Area	975	1,366	1,275	1,329	1,187	5.0%
Western Iowa Tech	316	349	374	293	426	7.8%
Iowa Western	355	245	194	154	130	-22.2%
Southwestern	127	126	123	75	103	-5.1%
Indian Hills	506	490	485	362	321	-10.8%
Southeastern	236	278	203	247	146	-11.3%
Total	5,497	5,702	5,262	4,168	3,638	-9.8%

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Tracking of Students and Programs 2007-2011

Table 9-11: GED Program Enrollment: 2007-2011

College	2007	2008	2009	2010	2011	Average Change 2007-2011
Northeast Iowa	180	163	230	201	184	0.6%
North Iowa Area	340	323	335	333	289	-4.0%
Iowa Lakes	166	208	260	259	313	17.2%
Northwest	88	75	127	191	137	11.7%
Iowa Central	984	1,010	1,072	936	969	-0.4%
Iowa Valley	559	526	493	589	539	-0.9%
Hawkeye	993	651	649	617	763	-6.4%
Eastern Iowa	442	535	478	448	327	-7.3%
Kirkwood	1,521	1,288	1,452	1,528	1,474	-0.8%
Des Moines Area	1,949	1,512	718	1,023	1,043	-14.5%
Western Iowa Tech	639	760	866	823	1,186	16.7%
Iowa Western	1,303	1,217	833	863	995	-6.5%
Southwestern	44	11	73	8	327	65.1%
Indian Hills	498	392	498	501	342	-9.0%
Southeastern	1,191	1,344	1,267	1,226	1,242	1.1%
Total	10,897	10,015	9,351	9,546	10,130	-1.8%

NOTE: Each bar “|” denotes 100 enrollees.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

10

ECONOMIC DEVELOPMENT

The Iowa Department of Education began reports enrollment in Iowa Industrial New Jobs Training Programs (260E), Iowa Jobs Training Programs (260F), and Accelerated Career Education (ACE 260G) programs based on data provided by the Iowa Department of Economic Development (IDED).



The State of Iowa has established a series of programs, usually referred to by their chapter number in the Code of Iowa, targeted toward workforce development. The Iowa Industrial New Jobs Training Programs (260E), Iowa Jobs Training Programs (260F), and Accelerated Career Education (ACE 260G) are delivered through community colleges, but funding is provided through the Iowa Department of Economic Development.

The Iowa Industrial New Jobs Training Programs assist businesses that are creating new jobs within the state. Iowa Jobs Training Programs are designed to build workforce skills and expertise. Finally, the Accelerated Career Education program helps community colleges expand programs that are critically needed in the

workforce. Unlike 260E and 260F programs, ACE is primarily delivered through credit programs.

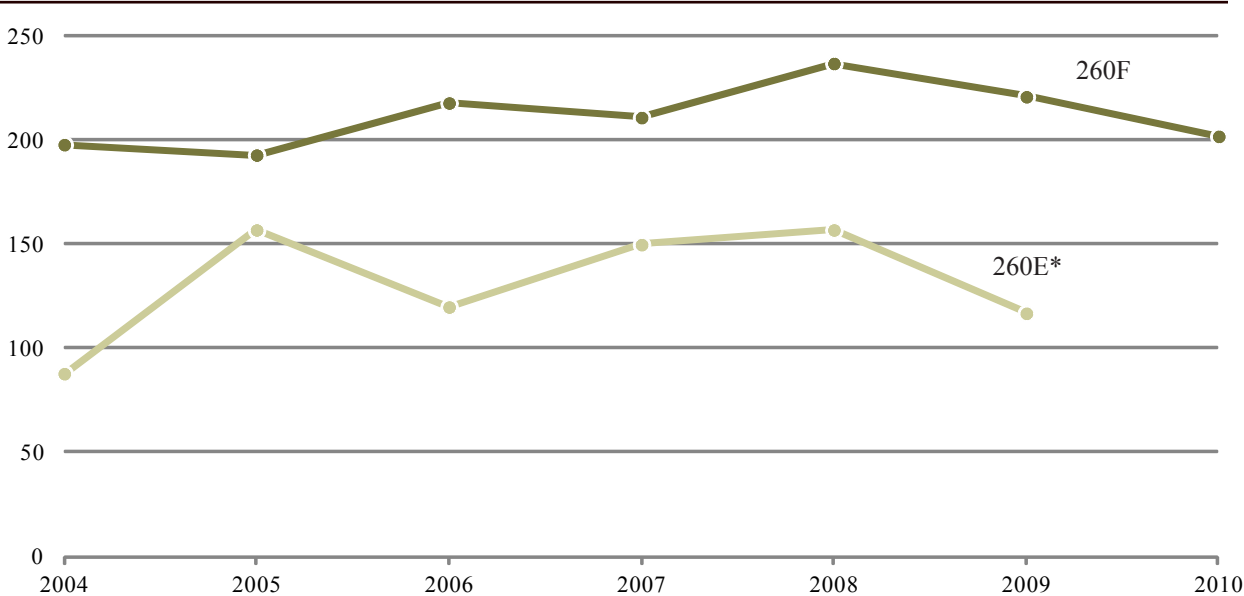
Iowa Industrial New Jobs Training Programs (260E)

Iowa Industrial New Jobs Training Programs (260E) assist businesses that are creating new positions or new jobs in Iowa. The community college district in which the new or expanding business is located issues training certificates (bonds) to pay for the training costs. Flexible funding may be utilized to meet a variety of training and employee development needs.

The training dollars awarded for this program continue to fluctuate from year to year. The training dollars awarded have increased 3 percent since fiscal year 2006, or an average of 0.7 percent per year. The fiscal year 2010 amount decreased by 30 percent from the fiscal year 2009 amount.

The number of new businesses assisted by this program decreased to 19 in 2010, down three from the previous year. A total of 89 business expansions were funded in

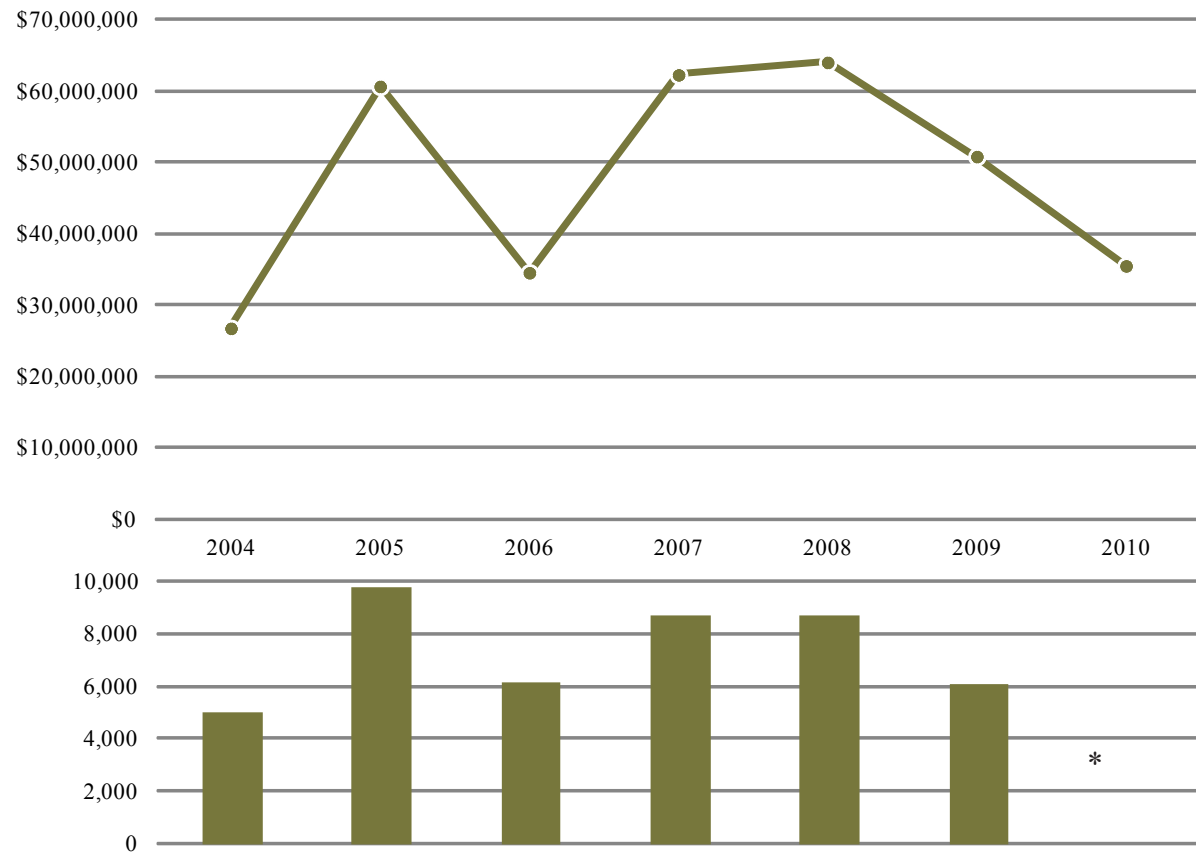
Figure 10-1: Projects Awarded for 260E and 260F Programs: 2004-2010



*NOTE: The number of 260E projects awarded is not available for fiscal year 2010.

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2010, see Table 10-1, 10-2.

Figure 10-2: Training Dollars (top) and Trained (bottom) for 260E Programs: 2004-2010



*NOTE: Number trained is not available for fiscal year 2010.

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2010, see Table 10-1.

2010, which is slightly less than the 94 reported for the previous year.

Iowa Jobs Training Programs (260F)

Iowa Jobs Training Programs (260F) foster growth and competitiveness of Iowa’s business and industry by building workforce skills and expertise. This program provides job training services to current employees of eligible businesses which are located in Iowa. This program is administered by the Iowa Department of Economic Development and services are provided by Iowa’s 15 community colleges. Each community college works with eligible businesses to assess training needs, determine funds availability and provide training.

The number of projects awarded continues to fluctuate. From fiscal year 2006, a total of 1,089 projects have been awarded, with 19 less projects awarded in fiscal year 2010 compared to the previous year. Compared to fiscal year 2006, fiscal year 2010 had 16 fewer projects awarded for a total of 202 for the year.

The number of individuals to be trained and the number who completed this program continue to fluctuate from

260F PROGRAMS

NUMBER OF STUDENTS COMPLETED:

1,712

5,389 students to be trained.

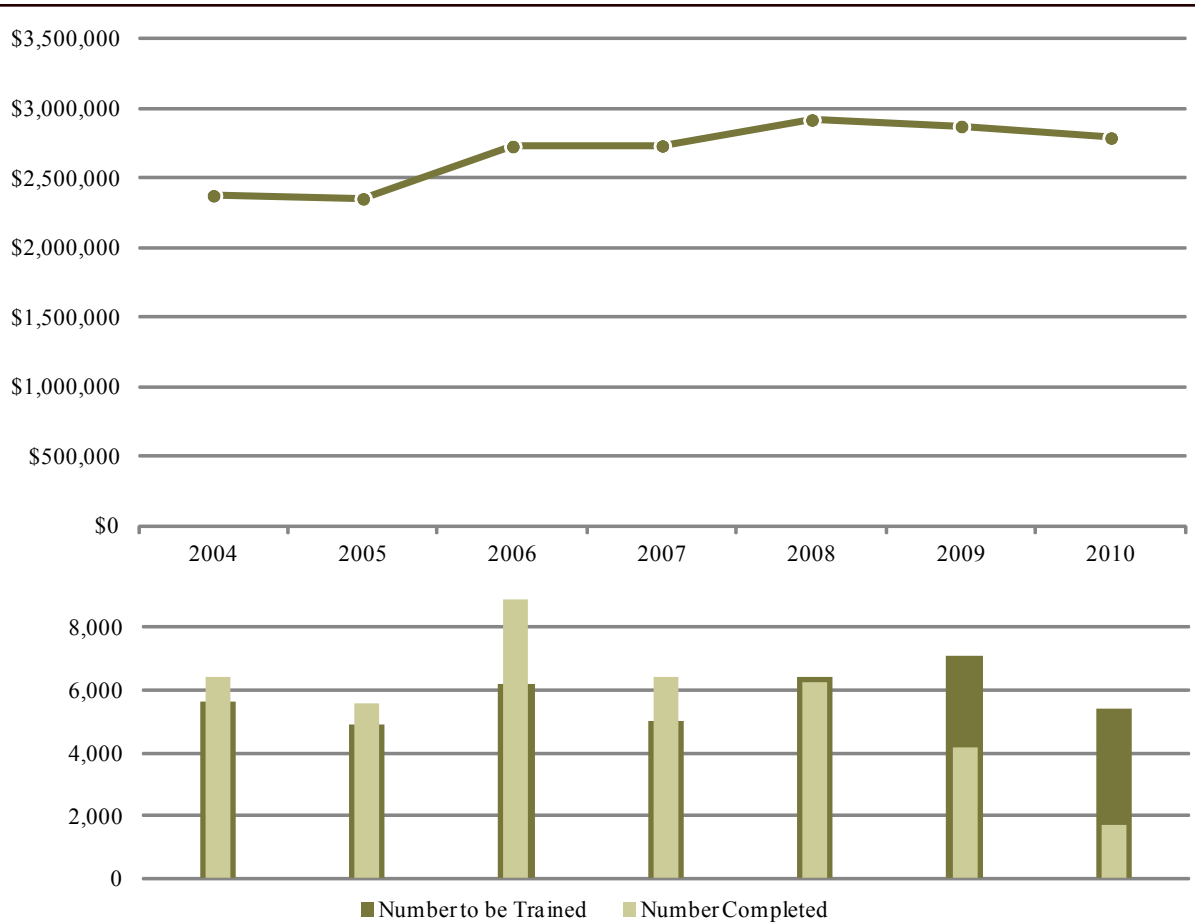
year to year. Since fiscal year 2006, 30,103 individuals were classified to be trained and 27,469 completed the training. In fiscal year 2010, 1,720 fewer individuals were classified to be trained than fiscal year 2009 and 2,464 fewer individuals completed the training than the previous year.

The training dollars awarded for this program decreased in 2010. The training dollars awarded have increased 2.2 percent since fiscal year 2006, or an average of 0.6 percent per year.

Accelerated Career Education (ACE 260G)

Accelerated Career Education (ACE 260G) supports the development or expansion of educational programs that address critical workforce needs. The goal of the program is to provide an enhanced skilled workforce in Iowa.

Figure 10-3: Training Dollars (top) and Trained (bottom) for 260F Programs: 2004-2010



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2010, see Table 10-2.

ACE (260G) PROGRAMS

POSITIONS SPONSORED:

1,852

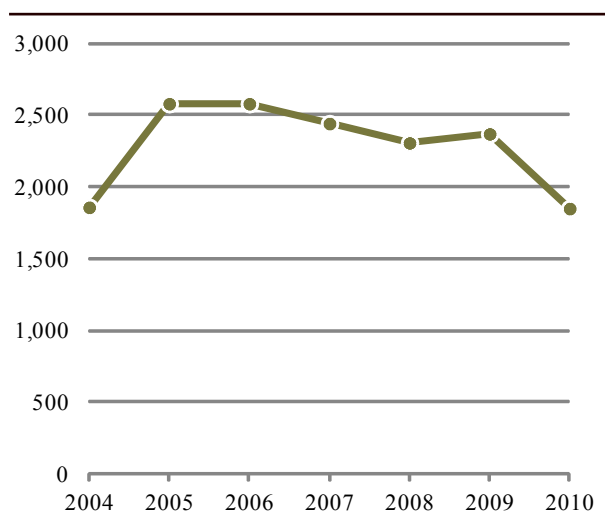
A 21.9 percent decrease.

The number of programs and businesses participating in these programs continue to increase. Since fiscal year 2006, 388 programs have been created. The number of businesses participating has decreased to 172 in fiscal year 2010, down from 227 in fiscal year 2009.

The total number of positions sponsored per year has decreased from 2010 and has decreased from five years ago. In fiscal year 2006, 2,582 positions were sponsored, and this decreased to 1,852 in fiscal year 2010. A total of 11,559 positions have been sponsored since fiscal year 2006.

The dollar amount of job credits awarded indicates that overall this amount has decreased 8.4 percent since fiscal year 2006. This is an average of -2.2 percent per year. The amount awarded in fiscal year 2010 decreased 9.3 percent from the previous year.

Figure 10-4: Positions Sponsored by ACE: 2005-2010



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2010 and U.S. Bureau of Labor Services, Occupational Employment Statistics, Table 10-3.

Table 10-1: Funding, Trained, and Projects for 260E Programs: 2005-2010

Fiscal Year	Amount	Trained	Projects
2005	60,659,000	9,741	157
2006	38,665,000	6,124	120
2007	61,808,000	8,712	150
2008	62,199,000	8,698	138
2009	50,835,000	6,088	114
2010	35,505,000	N/A	N/A

NOTE: Number trained and total projects in FY 2010 not available.

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2010.

Table 10-2: Funding, To be Trained, Completers, and Projects for 260F Programs: 2005-2010

Fiscal Year	Amount	Number to be Trained	Number Completed	Projects
2005	2,351,594	4,901	7,529	193
2006	2,727,651	6,203	8,896	218
2007	2,732,004	4,996	6,418	211
2008	2,918,131	6,406	6,267	237
2009	2,846,552	7,109	4,176	221
2010	2,788,828	5,389	1,712	202

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2010.

Table 10-3: Programs, Businesses, Sponsored Positions, Offered Positions, Average ACE Wages, and Awarded Job Credits for 260G Programs: 2005-2010

Fiscal Year	Programs	Businesses	Positions Sponsored	Offered Positions	Job Credits Awarded
2005	79	290	2,584	387	5,814,483
2006	84	311	2,602	306	5,939,662
2007	89	272	2,444	207	5,993,806
2008	95	319	2,309	220	5,823,507
2009	65	227	2,372	180	5,959,581
2010	55	172	1,852	Not Reported	5,406,238

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2010 and U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

11

APPRENTICESHIP

Apprenticeship programs utilize the most up-to-date technologies that are available in the workplace. The U.S. Bureau of Apprenticeship and Training must approve all apprenticeship projects funded through the Iowa Department of Economic Development (IDED). This section includes apprenticeship programs offered through the community colleges and funded through Iowa Department of Economic Development, as well as those apprenticeship programs that were not funded through IDED.

In fiscal year 2011, the total number of unduplicated students in all apprenticeship programs decreased by 320 from the previous year. The number of students in noncredit apprenticeship programs decreased by 12.3 percent during that time period, while the number of non-credit contact hours decreased by 13.0 percent. Since fiscal year 2007, the number of non-credit students has decreased by 91 or an average of 0.8 percent annually. The number of non-credit contact hours taken has decreased by 22,787 since fiscal year 2007, or an average of 1.0 percent annually.

The numbers of students in credit apprenticeship programs increased by 72 while the number of credit

APPRENTICESHIP PROGRAMS

STUDENTS (NON-CREDIT):

2,783

GROWTH SINCE LAST YEAR:

↓ 12.3%

STUDENTS (CREDIT):

230

GROWTH SINCE LAST YEAR:

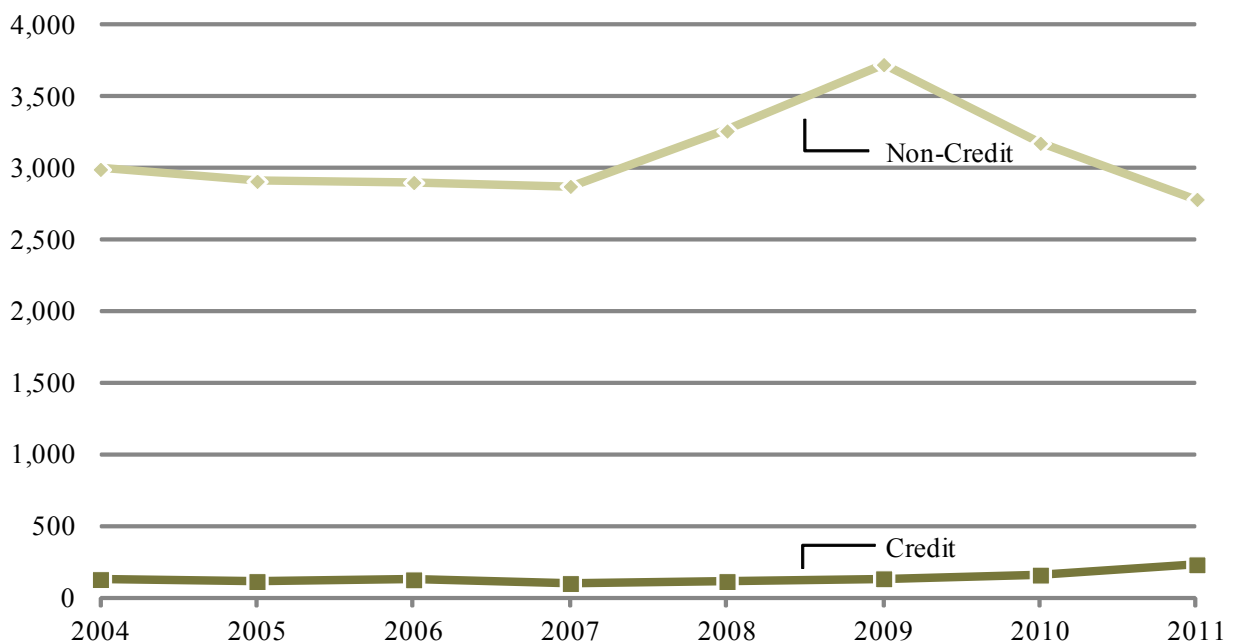
↑ 45.6%

hours taken in fiscal year 2011 increased by 1,239 from fiscal year 2010. Since fiscal year 2007, the number of credit students has increased by 131, or an average of 23.5 percent annually. The number of credit hours taken has increased by 2,154 since fiscal year 2007.

IDED-Funded Apprenticeship Programs

The Iowa New Jobs Training Program (260E) assists businesses which are creating new positions or new jobs. The dollar amount available for training through the program is dependent upon the training and development needs and projected tax revenue available to repay the certificates. Applications for this program must be made through the local community college.

Figure 11-1: Apprenticeship Program Enrollment, Credit and Non-Credit: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Table 11-1.

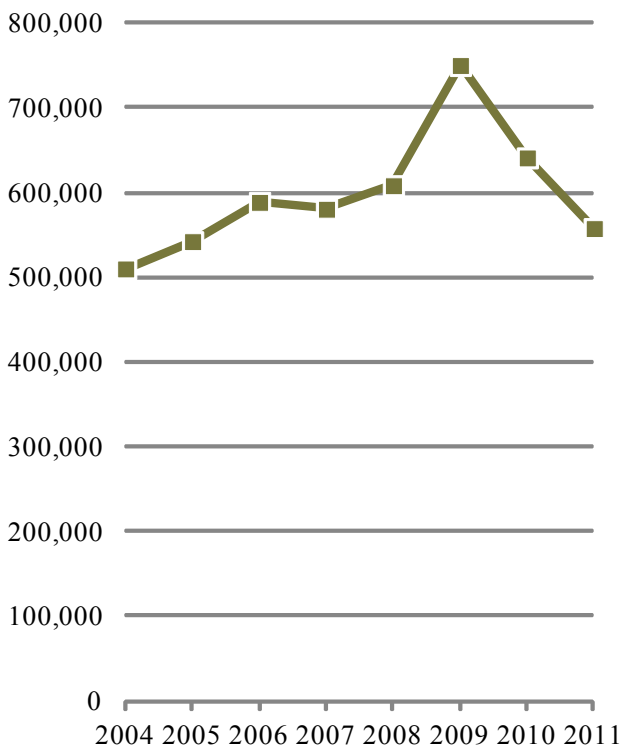
The Iowa Jobs Training Program (260F) provides job training services to current employees of eligible businesses which are located in Iowa. Job training services are defined as any training needed to enhance the performance of a business' employees. This program is administered by the Iowa Department of Economic Development and services are provided by Iowa's 15 community colleges. Each community college works with eligible businesses to assess training needs, determine funds availability, and provide training. The number of students participating decreased by 268 while the number of contact hours decreased by 75,292.

The Iowa Values Fund is an economic development program designed to transform Iowa economy by creating high quality jobs through business development and expansion across Iowa. A variety of programs are available through the Iowa Values Fund, including apprenticeship programs. The number of students participating in these programs decreased by 35 in fiscal year 2011, while the number of contact hours decreased 3,898 over the previous year.

Programs Not Funded by IDED

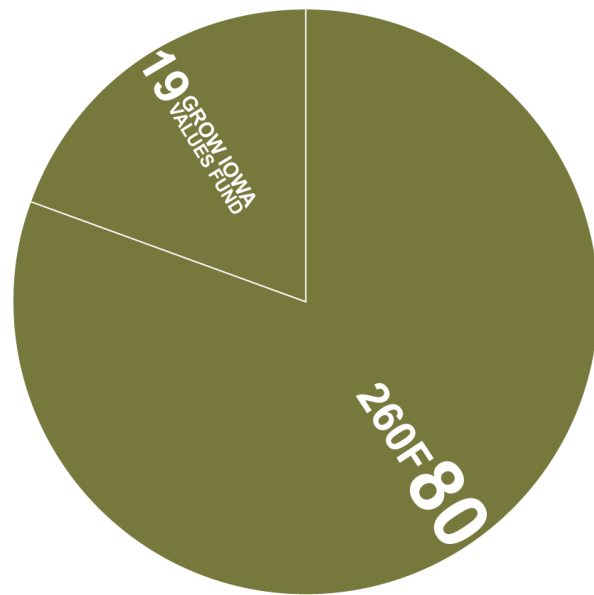
The number of students participating in non-credit apprenticeship programs that were not funded by economic development programs decreased by 17 from fiscal year 2007 to 2011. The number of contact hours decreased 3,730 over the previous five years.

Figure 11-2: Apprenticeship Non-Credit Contact Hours: 2004-2011



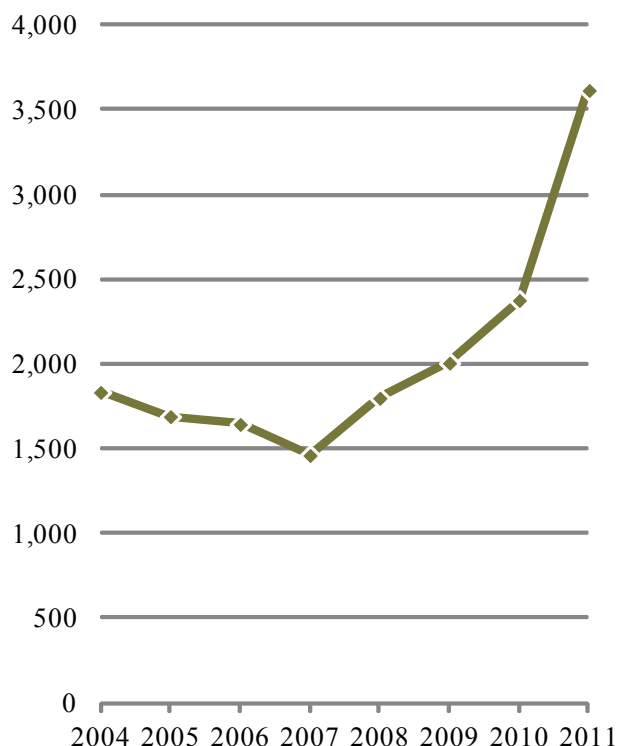
SOURCE: Iowa Department of Education, Division of Community College, Table 11-1.

Figure 11-3: Apprenticeship Contact Hours: 2011



NOTE: Non-IDED funds comprise 0.1% of all Apprenticeship contact hours. SOURCE: Iowa Department of Education, Division of Community Colleges, Tables 11-3, 11-4, 11-5.

Figure 11-3: Apprenticeship Credit Hours: 2004-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Table 11-1.

Table 11-1: Apprenticeship Program Enrollment, Credit Hours, and Contact Hours: 2007-2011

Fiscal Year	Credit		Non-Credit	
	Students	Credit Hours	Students	Contact Hours
2007	99	1,462	2,874	580,647
2008	113	1,800	3,261	608,366
2009	132	2,007	3,724	750,213
2010	158	2,377	3,175	641,254
2011	230	3,615	2,783	557,860

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 11-2: Credit Apprenticeship Programs Enrollment and Contact Hours: 2007-2011

Fiscal Year	Students	Credit Hours
2007	99	1,462
2008	113	1,800
2009	132	2,007
2010	158	2,376
2011	234	3,615

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 11-3: Non-Credit Apprenticeship Programs Not Funded by IDED - Enrollment and Contact Hours: 2007-2011

Fiscal Year	Students	Contact Hours
2007	23	4,554
2008	40	7,920
2009	58	11,250
2010	92	4,489
2011	6	824

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 11-4: Non-Credit Apprenticeship 260E and 260F Programs: 2007-2011

Fiscal Year	260E		260F	
	Students	Contact Hours	Students	Contact Hours
2007	50	3,185	2,274	474,910
2008	61	1,277	2,345	444,443
2009	0	0.0	2,933	601,337
2010	3	540.0	2,446	517,511
2011	0	0.0	2,178	442,219

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 11-5: Non-Credit Apprenticeship Programs Funded by the Grow Iowa Values Fund - Enrollment and Contact Hours: 2007-2011

Fiscal Year	Students	Contact Hours
2007	527	97,996
2008	815	154,713
2009	733	137,625
2010	634	118,713
2011	599	114,816

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 11-6: Apprenticeship Programs Funded by Iowa Industrial New Jobs Training Programs (260E) - Non-Credit Enrollment and Contact Hours: 2007-2011

College	2007		2008		2009		2010		2011	
	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	50	3185	61	1277	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	3	540	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	50	3,185	61	1,277	0	0	3	540	0	0

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

**Table 11-7: Apprenticeship Programs Funded by Iowa Jobs Training Programs (260F)
- Non-Credit Enrollment and Contact Hours: 2007-2011**

College	2007		2008		2009		2010		2011	
	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	4	691	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	49	5,688
Eastern Iowa	657	139,598	854	185,654	928	204,724	769	167,253	732	156,838
Kirkwood	447	92,933	479	54,637	831	162,298	731	153,582	647	126,469
Des Moines Area	1,128	233,563	911	192,790	1,085	225,271	882	186,710	650	142,920
Western Iowa Tech	33	7,434	29	7,798	40	6,926	12	2,064	38	2,093
Iowa Western	9	1,382	8	1,075	4	614	3	461	13	1,229
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	60	1,799	45	1,504	49	7,442	49	6,983
Total	2,274	474,910	2,345	444,443	2,933	601,337	2,446	517,512	2,178	442,220

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

12

STUDENT SUCCESS

Recent changes to protocol at the National Student Clearinghouse have prevented the Iowa Department of Education from updating selected figures. Thus, several figures and tables in this section have not been updated from the prior report.



The Department of Education tracks student successes related to graduation, transfer, and wages. Every year the Department of Education tracks a cohort of students over three years. For this report, the department tracked first-time students who enrolled full-time at a community college in fiscal year 2007. There were 10,725 students in the cohort this year. This cohort is used to calculate the success rate, graduation rate, and transfer rate.

Students enroll into community colleges for various reasons besides seeking an award. The success rate follows a cohort of first-time, full-time students—those who initially enroll into community colleges with more than 12 credit hours per semester. A student is counted as a “success” if she either graduates or transfers to a four-year institution within three years.

The department follows students for three-years since community colleges offer, at most, a two-year degree.

STUDENT OUTCOMES

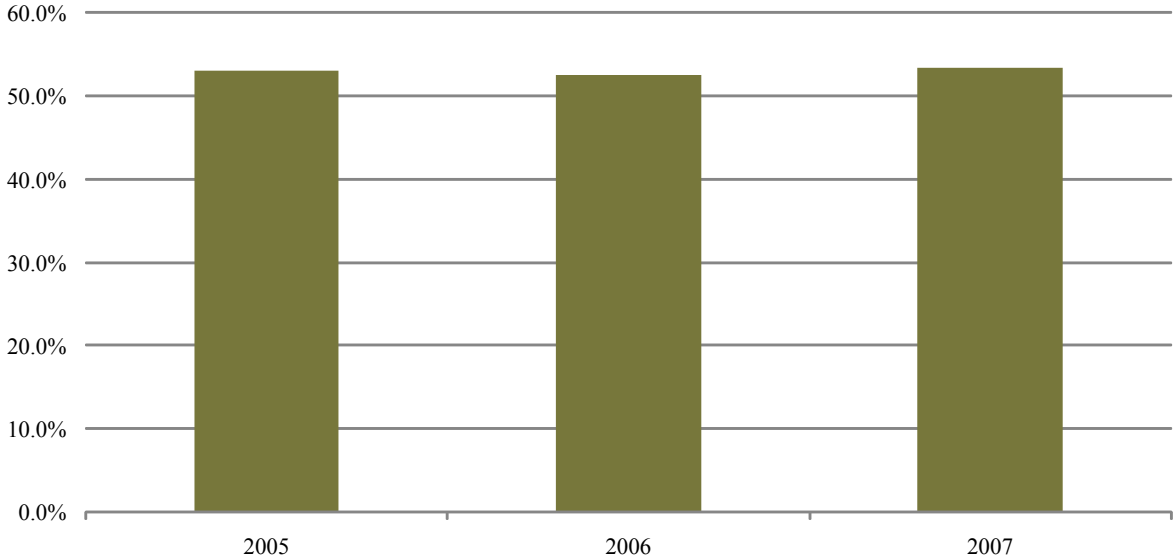
SUCCESS RATE: 53.4% <small>Increased 0.9% from 2008.</small>	GRADUATION RATE: 35.8% <small>Decreased 3.7% from 2009.</small>
AVERAGE TIME-TO-DEGREE: 2.4 YEARS <small>Unchanged from 2009.</small>	MEDIAN SALARY: \$29,592 <small>All students, 2002 cohort</small>

Federal and state calculations typically allow students 150 percent of the allotted time to complete a degree. While community college cohorts are followed for three years, four-year universities often calculate a six-year graduation rate.

The success rate for the 2007 cohort was over 53 percent (Figure 12-1). Over half of the students in each cohort the department tracked either graduated from community college or transferred to a 4-year university within three years.

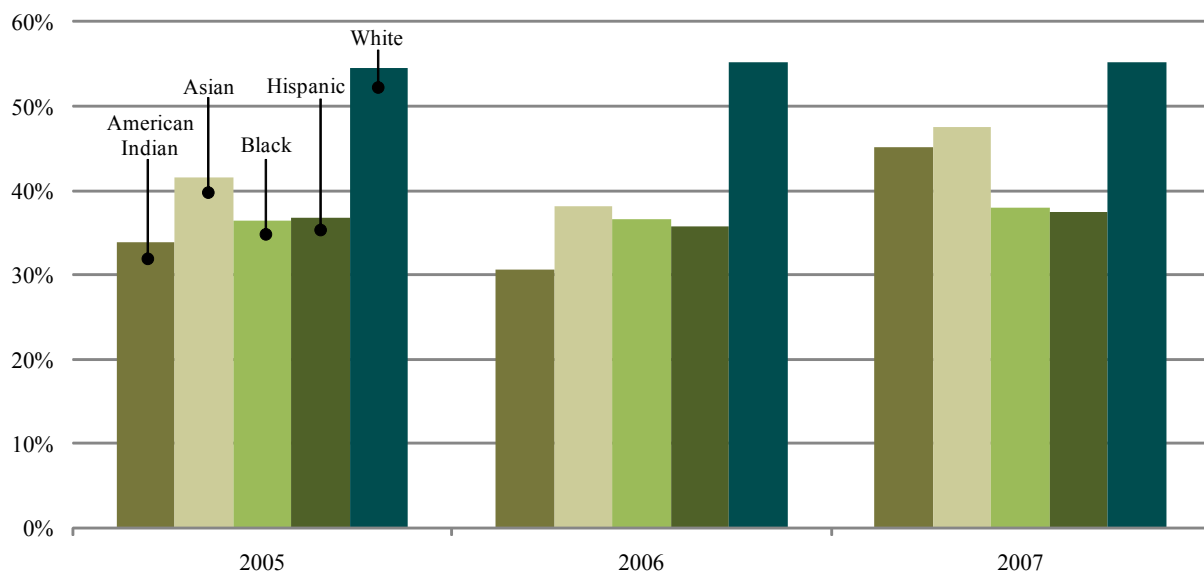
Figure 12-4 shows the path of the fiscal year 2006 cohort through three years. Few students graduated or transferred within the first year. However, 30 percent of the initial cohort did graduate or transfer in the second

Figure 12-1: Three-year Success Rate (Graduation + Transfer): 2005 - 2007 Cohorts



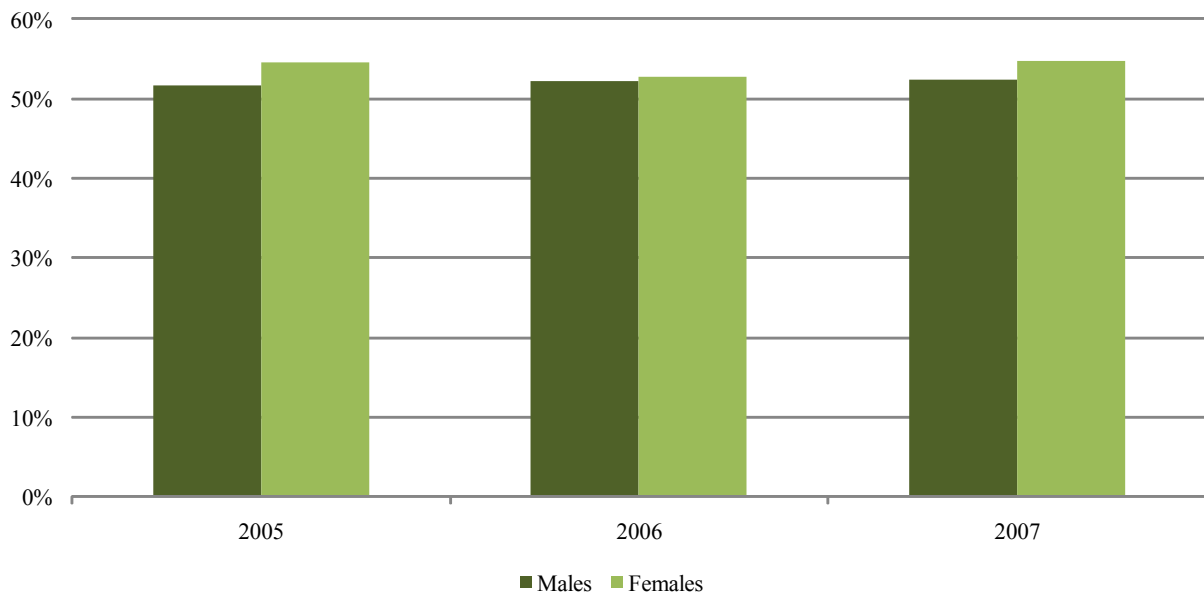
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse, see Table 12-1.

Figure 12-2: Three-year Success Rate by Race/Ethnicity: 2005 - 2007 Cohorts



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse, see Tables 12-3 through 12-5.

Figure 12-3: Three-year Success Rate by Gender: 2005 - 2007 Cohorts



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse, see Table 12-6.

year. Twenty-six percent of the those remaining the second year graduated and five percent transferred in the second year.

A third of students received multiple awards from community colleges. In this analysis, multiple awards were only counted once. Typically, students would receive a diploma or certificate in the first year and later receive an Associate's degree from the college. Meanwhile, 12 percent of students received an award and transferred to a four-year institution.

There is considerable variation by race and ethnicity. Figure 12-2 shows the success rate for white students exceeded 55 percent. Meanwhile, black and Hispanic students only had a 38 percent success rate, Asians had a 48 percent rate, and 45 percent of American Indian students either graduated or transferred.

Community colleges achieved greater parity between gender. In 2007, 58 percent of females either graduated or transferred while 52 percent of males achieved the same (Figure 12-3). Section 3 noted that females comprise 57 percent of community college enrollment.

Graduation Rate

The graduation rate follows the same first-time, full-time cohorts for three years. In fiscal year 2008, the graduation rate dropped to 35.8 percent (Figure 12-5). It is the biggest reduction in graduation rate since the Iowa Department of Education began tracking graduation rates since 2001.

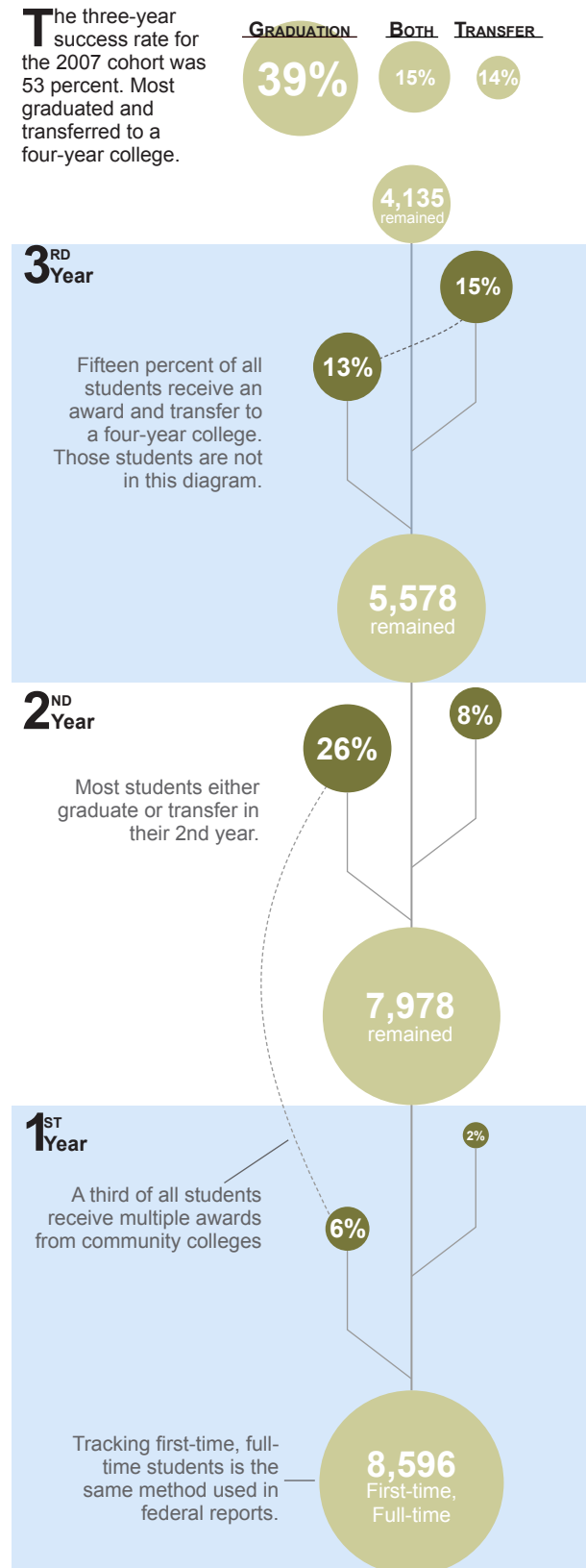
Iowa's graduation rate is still significantly higher than the national graduation rate for two-year public colleges. The most recent national data, which uses a cohort of students from 2005, shows 22 percent of full-time, first-time students graduated within three years (Knapp, Kelly-Reid, and Ginder, 2010).

Graduation rates were disparate by race and ethnicity (Figure 12-6). Almost 38 percent of white students graduated within three years, compared to 17.1 percent for black students, 26 percent for Hispanics, 31.2 percent for Asians, and 16.7 percent for American Indian students.

Meanwhile, white students saw a substantial decline in their graduation rates. The 2007 cohort of white students had a graduation rate of 41.7 percent, compared to 37.9 percent for the 2008 cohort. Black students also saw a decline, from 19.6 to 17.1 percent between 2007 and 2008 (Figure 12-6).

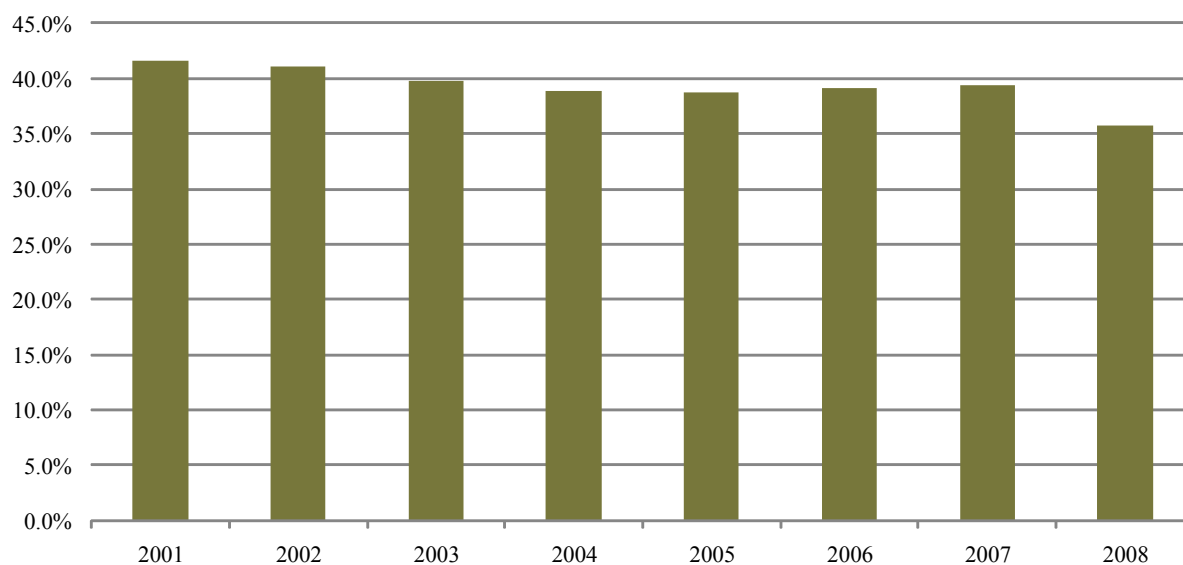
Iowa still outperforms the national graduate rate average for each demographic subgroup. The national graduation rate for black and Hispanic students was 14.4 and 16.8 percent, respectively (Knapp et al., 2009, Table 5). Iowa's male and female graduation rate is 35.5 and 36 percent, which exceeds the national rates of 21.3 and 22.7 percent.

Figure 12-4: Fiscal Year 2007 Cohort's Path to Graduation and Transfer



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Figure 12-5: Three-year Graduation Rate: 2001–2008 Cohorts



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 12-7.

Time-to-Degree

Time-to-degree measures the timeliness of receiving a community college award. Unlike the success, graduation, and transfer rates—which only track three years—time-to-degree tracks students up toward five years. The distinction is quite deliberate. The focus of time-to-degree is to track the length, not the number, of awards.

On average, it took 2.4 years for the 2006 cohort to complete a community college award, which is the same as prior years (Table 12-13).

Minorities typically take longer to graduate, but the gap is closing. White students average 2.4 years to obtain an award; meanwhile, the average time-to-degree is higher for all racial and ethnic minorities. Blacks, the largest minority group, take 2.5 years to complete an award; 2.6 years for Hispanics, 2.4 years for Asians, and 2.5 years for students of American Indian descent (Table 12-12).

Wages of Graduates

One of the primary benefits of furthering education is increasing wages. Education gives employees the tools to be more productive throughout their career. Productive employees, in turn, earn more than other workers. The Iowa Department of Education and Iowa Workforce Development cooperated to follow community college students into the workforce to see if wages for completers were higher than students who left early.

The Iowa Department of Education and Iowa Workforce Development followed students who either graduated or left an Iowa community college in 2002

or 2006. Figure 12-7 shows the median salary for both cohorts. Wages are broken out for those who completed a degree (completers) and those who left early (leavers), completers of various award types, those who left without completing the degree, and all students. The median income for students was only recorded if the student worked all four quarters.

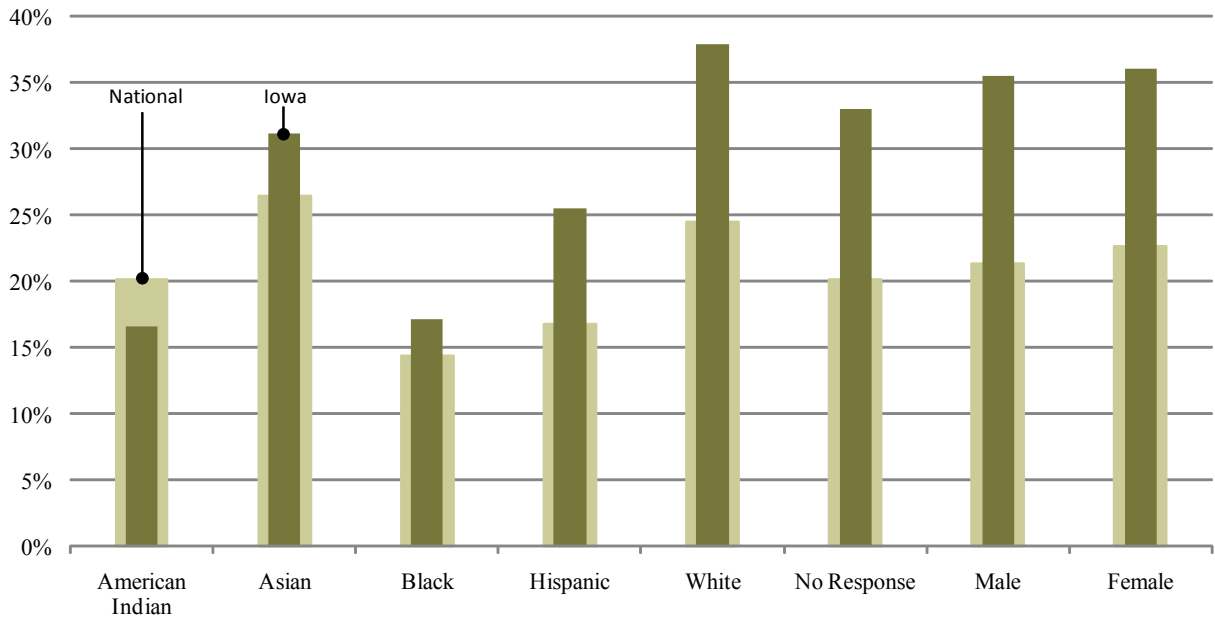
For the 2002 cohort, median wages for completers was \$29,592 and \$27,675 for leavers by 2008. Median wages grew the fastest for completers. In particular, median wages for all awardees grew 142 percent while leavers (non-awardees) grew 87 percent over the 6 year period. The median earnings for completers was \$23,594 while leavers earned \$20,702.

Wages grew modestly and equally for most groups between 2003 and 2005. Completers' median wages grew 19.9 percent to \$28,217 while the median salary for leavers grew 17.8 percent to \$24,184 as wage growth becomes more dependent on individual productivity (see Becker, 1993).

The 2006 cohort exhibited a similar pattern. Median wages were \$27,210 for completers and \$23,297 for leavers by 2008. Again, completers' wages increased briskly for completers (131 percent) compared to leavers (25 percent).

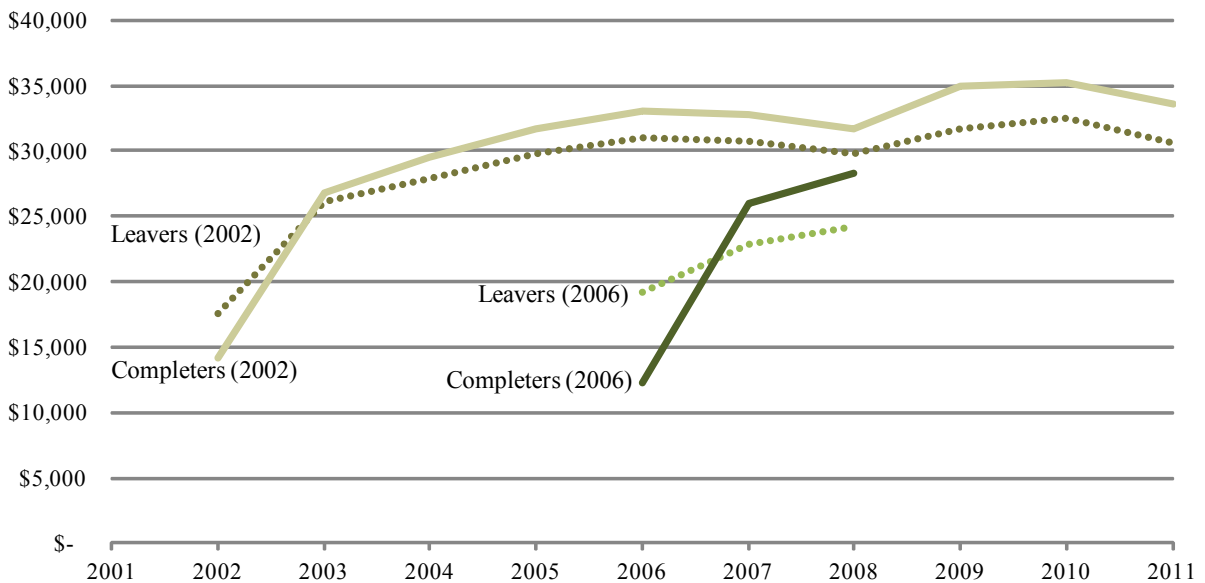
Nevertheless, the 2007-2008 recession is evident in the data. Between 2007 and 2008 wages fell for both completers and leavers. It is not due to increased unemployment, but from a decrease in real wages. The 2006 cohort, which is more recently out of college, was spared from the wage decrease.

Figure 12-6: Three-year Graduation Rate by Demographics: 2007 Cohort



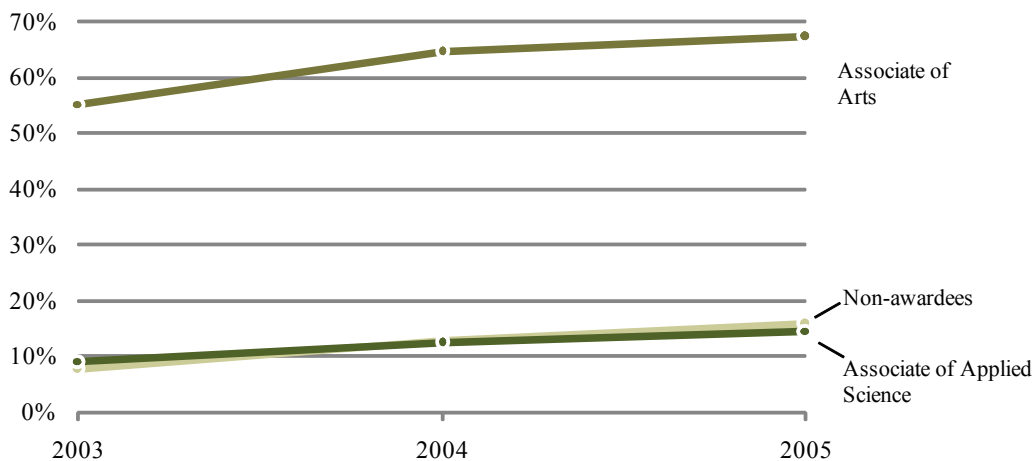
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 12-10 and 12-12 and Knapp, Kelly-Reid, & Ginder (2010).

Figure 12-7: Adjusted Median Earnings of Alumni: 2002 and 2006 Cohorts



NOTE: Amounts adjusted for inflation to 2011 levels. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and Iowa Workforce Development, Unemployment Insurance records, see Table 12-15.

Figure 12-8: Three-year Transfer Rates by Award Type: 2002 Cohort



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse, see Table 12-16.

Transfer Analysis

The Iowa Department of Education and Iowa State University's Office of Community College Research and Policy (OCCRP) tracked the transfer patterns of community college students who completed an award or left the college in fiscal year 2002. The analysis used the National Student Clearinghouse to track the cohort to four-year institutions in the United States. The analysis focused on three specific groups: Associate of Arts (AA) awardees, Associate of Applied Science (AAS), and non-award leavers.

The largest group to transfer to a four-year institution was AA awardees. The AA program is designed to transfer to a 4-year institution and ultimately lead to a Bachelor's degree. By the third year, 67.1 percent of AA recipients transferred (Figure 12-8).

AAS recipients were less likely to transfer to a four-year institution. Over three years, 15 percent of AAS recipients transferred to a 4-year institution. Unlike the AA degree, the AAS is designed to lead toward immediate participation in the workforce.

Finally, 15.6 percent of non-awardee leavers transfer to a four-year institution. It is difficult to interpret the intention of these students, but of 49,895 non-awardee leavers, 7,798 students continued their education.

Retention and Graduation at Public Universities

The Board of Regents for the State of Iowa tracks one-year student retention and graduation rates at the three public universities. The one-year retention rate of all community college students has remained steady since 1991. Seventy-eight percent of community college students transferring to the University of Iowa (SUI)

remained at the university after a year—down from 82 percent (Figure 12-9). Meanwhile, over 80 percent of transfers to the University of Northern Iowa (UNI) remained at the university the following year. In 2003, over 80 percent stay at least a year at SUI, while Iowa State University's (ISU) one-year retention remained steady at 79 percent.

Since 1991, the graduation rate for all community college transfer students has risen (Table 12-10). Sixty-one percent graduate from UNI and nearly 58 percent graduate from ISU and SUI within four years.

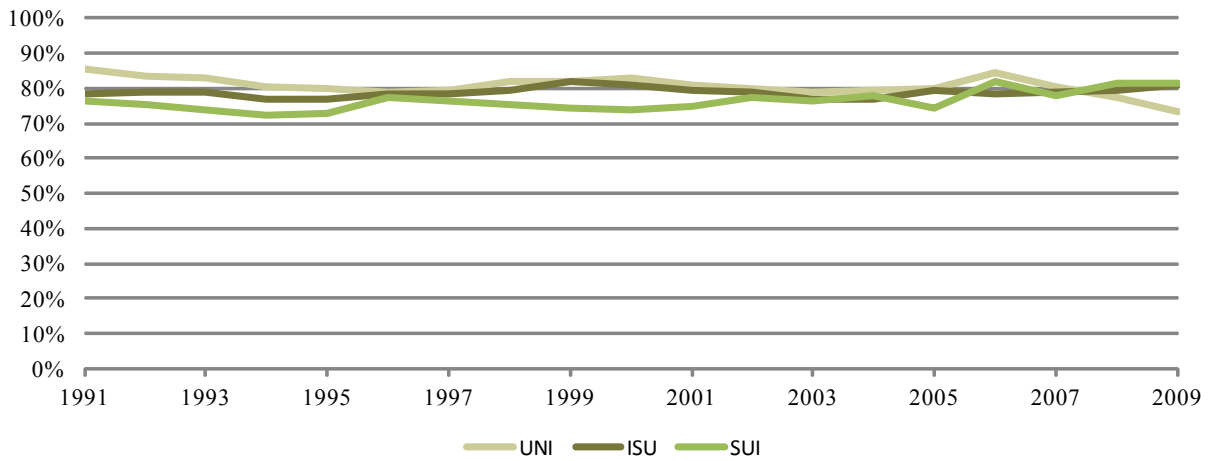
Adult Literacy: Postsecondary Education and Employment

A primary focus of Iowa's Adult Basic Education (ABE) program is to transition students from acquiring basic skills to earning a high school equivalency diploma to postsecondary credit education or non-credit training. Iowa's community college programs offer many non-credit training opportunities including skilled training in high demand occupations. Adult literacy programs engage in goal setting with participants to determine attainable outcomes each program year. Students with higher levels of basic skills learn about career training opportunities and set attainable goals for postsecondary education and training. Data matching against the Management Information System (MIS) is used to determine the percentage of students who received training that indicated postsecondary education or training as a goal.

For fiscal year 2008, MIS data was used in conjunction with data from the National Student Clearinghouse for the first time. Previously, from fiscal year 2005 to 2007, students were only identified through the MIS.

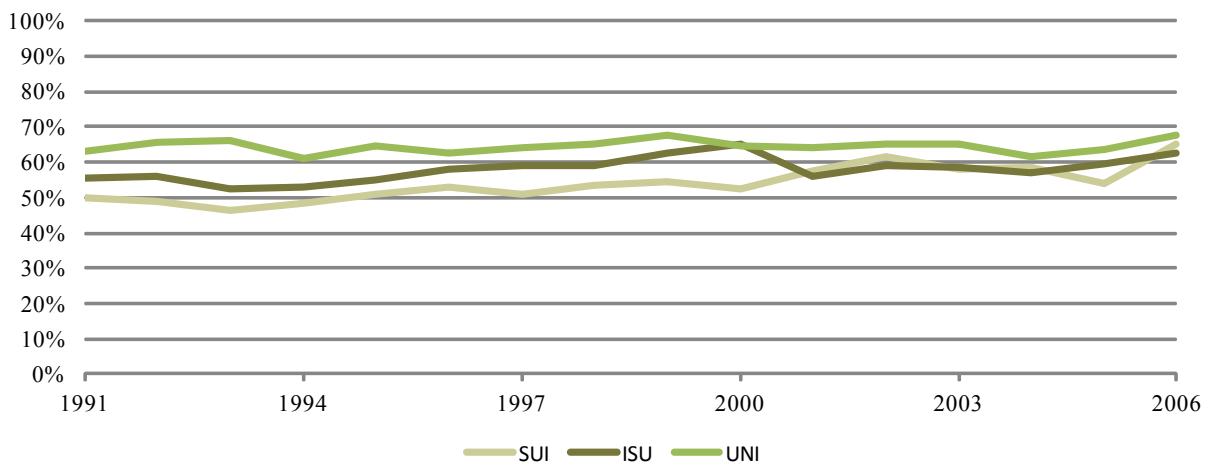
In 2008, 411 students indicated intent to transition to

Figure 12-9: Retention Rate for Transfer Students at Public Universities: 1991-2009



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-17.

Figure 12-10: Graduation Rate for Transfer Students at Public Universities: 1991-2006



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-18.

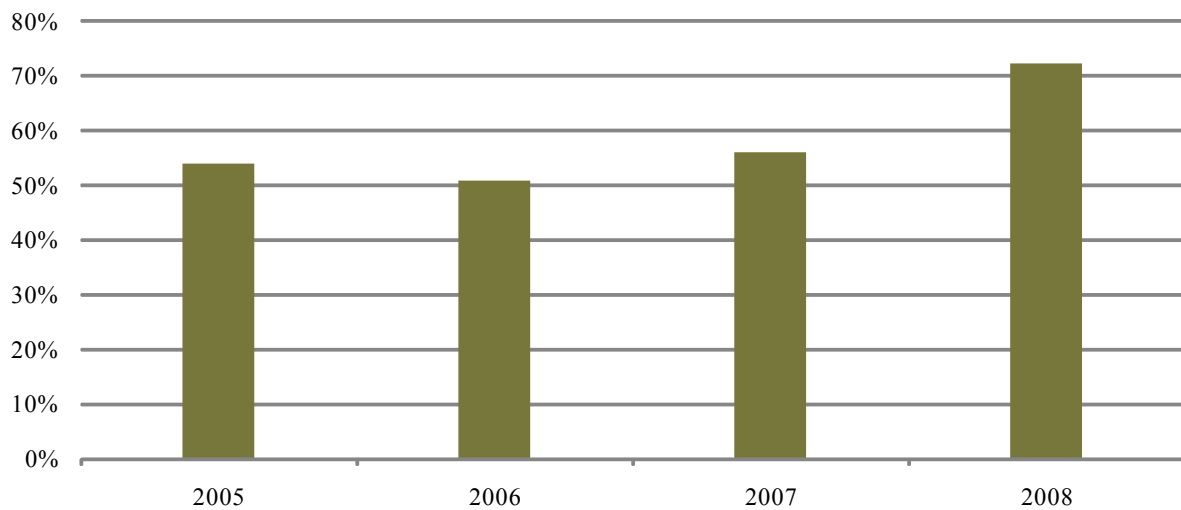
postsecondary education; either in credit education or non-credit education and training programs. The data match indicated that 297 students (72%) enrolled in postsecondary education (Figure 12-11).

Iowa’s adult literacy programs engage in employment goal setting with participants upon entry into the program. Workforce and basic skills are assessed and programs work with participants to determine career readiness and skills needed to obtain a job in a desired field. Iowa tracks participants indicating that obtaining employment or retaining employment is an attainable goal within the

program year. Since 2005, between 70 and 90 percent of participants who indicate that employment is a goal are able to obtain employment (Figure 12-12).

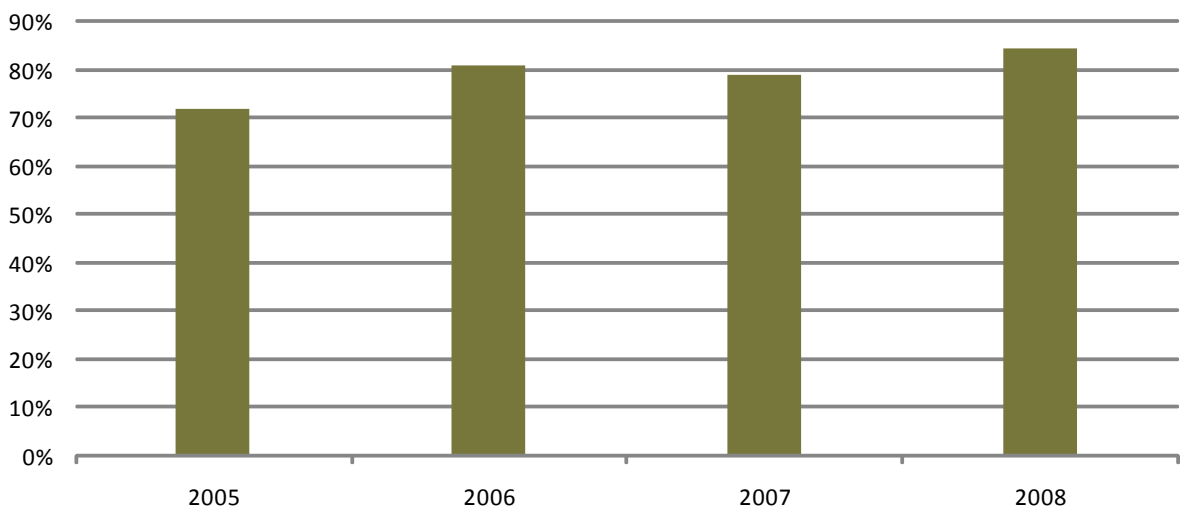
In fiscal year 2008, students indicating the intent to enter employment decreased, however, students obtaining employment increased by six percent from 2007. Additionally, in fiscal year 2008, students indicating the intent to retain employment decreased, however, the percentage of students who sought and retained employment increased by one percent.

Figure 12-11: Postsecondary Education for Adult Literacy Participants: 2005—2008



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-19.

Figure 12-12: Employment for Adult Literacy Participants: 2005—2008



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-20.

Table 12-1: Three-year Success Rate: 2005–2007 Cohorts

Cohort	Students	Success	Percentage
2005	10,376	5,433	52.4%
2006	9,243	4,869	52.7%
2007	8,596	4,592	53.4%

NOTE: Success rate includes awardees and transfers for first-time/full-time cohorts.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse.

Table 12-2: Three-year Success Rate by College: 2005–2007 Cohorts

College	2005		2006		2007	
	Students	Success Rate	Students	Success Rate	Students	Success Rate
Northeast	517	58.4%	436	58.7%	401	55.8%
North Iowa Area	534	57.1%	480	58.5%	177	50.7%
Iowa Lakes	438	67.4%	387	58.7%	407	60.2%
Northwest	177	57.1%	160	70.0%	155	73.1%
Iowa Central	758	54.6%	427	50.8%	317	52.3%
Iowa Valley	465	60.9%	413	55.4%	397	59.9%
Hawkeye	812	59.9%	858	56.3%	877	56.7%
Eastern Iowa	736	45.8%	707	39.7%	585	46.0%
Kirkwood	2,450	49.1%	2,119	48.9%	2,060	49.8%
Des Moines Area	922	45.7%	818	49.0%	822	47.9%
Western Iowa Tech	335	51.6%	269	48.7%	279	50.7%
Iowa Western	652	52.5%	602	51.3%	662	52.5%
Southwestern	182	67.0%	177	62.1%	224	68.7%
Indian Hills	909	53.5%	843	58.4%	874	59.2%
Southeastern	489	47.9%	450	51.6%	359	50.2%
Total	10,376	53.0%	9,146	52.5%	8,596	53.4%

Note: Year denotes when the cohort entered community college. Students are given up to three years to graduate. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-3: Three-year Success Rate by College and Race/Ethnicity: 2005 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	100.0%	66.7%	100.0%	57.4%	73.9%	58.4%
North Iowa Area	0.0%	28.6%	43.6%	21.4%	59.8%	NA	57.1%
Iowa Lakes	NA	100.0%	70.0%	33.3%	67.9%	25.0%	67.4%
Northwest	NA	NA	NA	33.3%	58.5%	40.0%	57.1%
Iowa Central	100.0%	28.6%	43.9%	41.4%	56.8%	42.9%	54.6%
Iowa Valley	25.0%	0.0%	47.2%	23.8%	65.0%	73.3%	60.9%
Hawkeye	0.0%	60.0%	19.4%	60.0%	61.4%	88.9%	59.9%
Eastern Iowa	20.0%	42.9%	24.0%	34.8%	48.6%	39.1%	45.8%
Kirkwood	19.2%	35.3%	21.5%	22.9%	52.0%	41.3%	49.1%
Des Moines Area	43.8%	53.8%	30.0%	44.4%	46.4%	43.5%	45.7%
Western Iowa Tech	50.0%	12.5%	22.2%	42.9%	53.1%	66.7%	51.6%
Iowa Western	0.0%	14.3%	55.8%	43.5%	53.9%	46.8%	52.5%
Southwestern	NA	0.0%	57.1%	50.0%	68.6%	NA	67.0%
Indian Hills	50.0%	33.3%	25.0%	47.4%	54.7%	43.5%	53.5%
Southeastern	50.0%	100.0%	42.9%	33.3%	48.2%	54.2%	47.9%
Total	30.6%	38.1%	36.5%	35.7%	55.1%	47.1%	53.0%

NOTE: Year denotes when the cohort entered community college. Students are given up to three years to graduate. "NA" denotes no students were in that sub-cohort.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-4: Three-year Success Rate by College and Race/Ethnicity: 2006 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	100.0%	33.3%	50.0%	58.6%	62.1%	58.7%
North Iowa Area	0.0%	66.7%	22.6%	57.1%	61.1%	100.0%	58.5%
Iowa Lakes	0.0%	50.0%	38.5%	50.0%	60.0%	50.0%	58.7%
Northwest	100.0%	NA	NA	0.0%	69.5%	100.0%	70.0%
Iowa Central	NA	63.6%	42.2%	33.3%	53.7%	26.7%	50.8%
Iowa Valley	37.5%	37.5%	45.8%	40.0%	58.4%	64.3%	55.4%
Hawkeye	0.0%	20.0%	33.3%	52.6%	59.0%	41.4%	56.3%
Eastern Iowa	75.0%	14.3%	23.5%	19.5%	43.3%	34.4%	39.7%
Kirkwood	29.4%	40.0%	26.4%	25.0%	51.3%	47.3%	48.9%
Des Moines Area	50.0%	40.0%	43.8%	44.0%	48.9%	61.1%	49.0%
Western Iowa Tech	50.0%	58.3%	33.3%	31.6%	49.0%	57.1%	48.7%
Iowa Western	0.0%	50.0%	45.9%	50.0%	51.8%	55.2%	51.3%
Southwestern	NA	50.0%	44.4%	100.0%	62.1%	NA	62.1%
Indian Hills	33.3%	50.0%	64.7%	36.0%	59.2%	55.6%	58.4%
Southeastern	0.0%	25.0%	26.7%	38.9%	53.1%	62.1%	51.6%
Total	33.9%	41.5%	36.3%	36.7%	54.4%	50.5%	52.5%

NOTE: Year denotes when the cohort entered community college. Students are given up to three years to graduate. "NA" denotes no students were in that sub-cohort.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-5: Three-year Success Rate by College and Race/Ethnicity: 2007 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	0.0%	0.0%	0.0%	56.6%	51.4%	58.7%
North Iowa Area	NA	100.0%	44.2%	66.7%	51.5%	100.0%	58.5%
Iowa Lakes	NA	66.7%	73.3%	30.8%	60.4%	62.5%	58.7%
Northwest	0.0%	NA	NA	66.7%	73.6%	73.9%	70.0%
Iowa Central	100.0%	66.7%	36.9%	21.4%	56.1%	52.6%	50.8%
Iowa Valley	0.0%	33.3%	44.9%	52.4%	62.8%	57.1%	55.4%
Hawkeye	50.0%	53.8%	26.8%	50.0%	58.6%	55.6%	56.3%
Eastern Iowa	22.2%	75.0%	19.4%	33.3%	48.0%	44.2%	39.7%
Kirkwood	53.8%	37.2%	29.1%	27.8%	51.8%	40.0%	48.9%
Des Moines Area	25.0%	44.9%	30.9%	48.9%	49.3%	49.1%	49.0%
Western Iowa Tech	50.0%	41.7%	50.0%	33.3%	52.0%	53.2%	48.7%
Iowa Western	16.7%	58.3%	55.1%	38.1%	53.7%	49.0%	51.3%
Southwestern	NA	NA	41.7%	33.3%	70.3%	NA	62.1%
Indian Hills	80.0%	62.5%	56.0%	29.0%	59.8%	66.7%	58.4%
Southeastern	0.0%	20.0%	41.7%	35.0%	51.7%	56.3%	51.6%
Total	45.2%	47.6%	37.9%	37.5%	55.2%	49.5%	52.5%

NOTE: Year denotes when the cohort entered community college. Students are given up to three years to graduate. "NA" denotes no students were in that sub-cohort.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-6: Three-year Success Rate by College and Gender: 2005–2007 Cohorts

College	2005		2006		2007	
	Male	Female	Male	Female	Male	Female
Northeast	59.3%	57.7%	58.7%	58.7%	57.6%	53.9%
North Iowa Area	53.4%	62.3%	53.2%	66.3%	45.0%	59.8%
Iowa Lakes	64.3%	71.5%	59.5%	57.5%	63.1%	56.4%
Northwest	51.6%	71.4%	66.4%	78.0%	74.6%	69.4%
Iowa Central	56.7%	51.7%	55.0%	44.3%	53.2%	50.0%
Iowa Valley	58.9%	63.5%	52.2%	60.2%	53.3%	69.0%
Hawkeye	56.2%	63.8%	56.5%	56.0%	56.5%	57.1%
Eastern Iowa	47.5%	44.1%	38.1%	41.5%	47.7%	44.4%
Kirkwood	48.1%	50.2%	48.8%	49.1%	48.4%	51.5%
Des Moines Area	42.9%	48.9%	50.3%	47.3%	46.1%	50.4%
Western Iowa Tech	50.7%	52.4%	50.4%	47.1%	45.5%	54.5%
Iowa Western	49.7%	55.1%	48.6%	53.7%	50.2%	54.7%
Southwestern	66.7%	67.3%	61.9%	62.5%	71.1%	65.9%
Indian Hills	50.7%	56.8%	56.9%	60.2%	56.1%	62.7%
Southeastern	47.3%	48.3%	52.0%	51.0%	48.4%	52.3%
Total	51.7%	54.5%	52.2%	52.8%	52.3%	54.7%

NOTE: Year denotes when the cohort entered community college. Students are given up to three years to graduate. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-7: Three-year Graduation Rate: 2001–2008 Cohorts

Cohort	Students	Awards	Percentage
2001	10,134	4,221	41.7%
2002	10,534	4,325	41.1%
2003	10,402	4,131	39.7%
2004	10,638	4,133	38.9%
2005	10,296	3,991	38.8%
2006	9,243	3,611	39.1%
2007	8,596	3,383	39.4%
2008	8,609	3,082	35.8%

Note: Graduation rates follows a cohort of first-time/full-time students. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-8: Three-year Graduation Rate by College: 2007 & 2008 Cohorts

College	2007		2008	
	Students (Cohort)	Graduation Rate	Students (Cohort)	Graduation Rate
Northeast	401	46.6%	384	40.6%
North Iowa Area	177	36.7%	208	37.5%
Iowa Lakes	407	48.4%	346	51.4%
Northwest	155	69.7%	84	71.4%
Iowa Central	317	36.9%	394	30.2%
Iowa Valley	397	44.3%	375	33.3%
Hawkeye	877	44.6%	869	44.6%
Eastern Iowa	585	29.1%	640	26.7%
Kirkwood	2,060	33.8%	2,348	29.2%
Des Moines Area	822	28.7%	822	26.5%
Western Iowa Tech	279	41.9%	188	27.7%
Iowa Western	662	38.1%	564	39.5%
Southwestern	224	58.0%	181	50.3%
Indian Hills	874	48.1%	876	46.9%
Southeastern	359	35.4%	330	37.0%
Total	8,596	39.4%	8,609	35.8%

Note: Year denotes when the cohort entered community college. Students are given up to three years to graduate. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-9: Three-year Graduation Rate by College and Race/Ethnicity: 2007 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	0.0%	0.0%	0.0%	47.7%	39.3%	46.6%
North Iowa Area	NA	100.0%	19.4%	66.7%	39.3%	100.0%	36.7%
Iowa Lakes	NA	50.0%	50.0%	0.0%	49.7%	43.8%	48.4%
Northwest	0.0%	NA	NA	50.0%	69.8%	73.9%	69.7%
Iowa Central	100.0%	50.0%	10.6%	21.4%	42.4%	30.8%	36.9%
Iowa Valley	0.0%	33.3%	25.7%	37.5%	47.5%	42.9%	44.3%
Hawkeye	50.0%	40.0%	18.8%	33.3%	46.5%	40.0%	44.6%
Eastern Iowa	0.0%	62.5%	12.1%	24.1%	30.5%	27.3%	29.1%
Kirkwood	33.3%	18.8%	11.9%	13.3%	36.1%	24.1%	33.8%
Des Moines Area	0.0%	20.6%	12.5%	35.1%	30.7%	24.7%	28.7%
Western Iowa Tech	42.9%	25.0%	50.0%	25.0%	44.3%	38.2%	41.9%
Iowa Western	0.0%	25.0%	37.1%	33.3%	39.7%	35.4%	38.1%
Southwestern	NA	NA	11.1%	0.0%	60.6%	NA	58.0%
Indian Hills	71.4%	50.0%	38.9%	19.2%	48.8%	58.8%	48.1%
Southeastern	0.0%	0.0%	27.8%	18.8%	37.2%	36.4%	35.4%
Total	30.6%	28.3%	19.6%	25.1%	41.7%	33.8%	39.4%

NOTE: Year denotes when the cohort entered community college. Students are given up to three years to graduate. "NA" denotes no students were in that sub-cohort.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-10: Three-year Graduation Rate by College and Race/Ethnicity: 2008 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	100.0%	8.3%	0.0%	42.1%	37.5%	46.6%
North Iowa Area	0.0%	0.0%	21.1%	66.7%	41.4%	33.3%	36.7%
Iowa Lakes	100.0%	100.0%	16.7%	7.7%	54.4%	50.0%	48.4%
Northwest	NA	NA	NA	NA	74.7%	20.0%	69.7%
Iowa Central	NA	33.3%	18.0%	33.3%	32.3%	33.3%	36.9%
Iowa Valley	0.0%	0.0%	14.7%	27.6%	37.5%	37.5%	44.3%
Hawkeye	40.0%	36.4%	20.0%	30.0%	45.9%	16.7%	44.6%
Eastern Iowa	28.6%	22.2%	7.5%	19.4%	28.8%	23.1%	29.1%
Kirkwood	30.0%	32.1%	10.4%	25.0%	30.5%	29.6%	33.8%
Des Moines Area	0.0%	20.0%	21.8%	17.2%	27.2%	32.3%	28.7%
Western Iowa Tech	16.7%	0.0%	20.0%	0.0%	30.6%	26.1%	41.9%
Iowa Western	0.0%	44.4%	18.4%	33.3%	42.9%	38.9%	38.1%
Southwestern	0.0%	25.0%	50.0%	40.0%	51.9%	NA	58.0%
Indian Hills	0.0%	66.7%	33.3%	47.8%	47.6%	41.2%	48.1%
Southeastern	NA	0.0%	21.1%	13.6%	39.3%	47.1%	35.4%
Total	16.7%	31.2%	17.1%	25.6%	37.9%	33.0%	35.8%

Note: Year denotes when the cohort entered community college. Students are given up to three years to graduate. "NA" denotes no students were in that sub-cohort. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-11: Three-year Graduation Rate by College and Gender: 2007 & 2008 Cohorts

College	2007		2008	
	Male	Female	Male	Female
Northeast	48.2%	45.0%	46.0%	33.7%
North Iowa Area	29.4%	48.5%	32.3%	45.7%
Iowa Lakes	52.4%	43.3%	52.5%	50.3%
Northwest	72.2%	62.5%	78.5%	47.4%
Iowa Central	35.2%	40.8%	32.3%	26.1%
Iowa Valley	35.2%	56.9%	32.0%	35.4%
Hawkeye	43.9%	45.4%	41.9%	48.3%
Eastern Iowa	31.3%	27.0%	29.3%	24.6%
Kirkwood	32.9%	35.0%	28.2%	30.4%
Des Moines Area	27.2%	30.8%	28.4%	24.6%
Western Iowa Tech	38.3%	44.7%	30.0%	25.9%
Iowa Western	35.5%	40.6%	38.5%	40.8%
Southwestern	60.7%	55.1%	43.2%	57.0%
Indian Hills	44.5%	52.1%	43.1%	51.3%
Southeastern	32.7%	38.7%	32.0%	42.4%
Total	38.2%	40.9%	35.5%	36.0%

Note: Year denotes when the cohort entered community college. Students are given up to three years to graduate. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-12: Time-to-Degree by College: 2004–2006 Cohorts

College	2004		2005		2006	
	Students	Average Years	Students	Average Years	Students	Average Years
Northeast	623	2.2	530	2.3	436	2.3
North Iowa Area	600	2.3	579	2.3	489	2.2
Iowa Lakes	490	2.0	464	2.0	457	1.9
Northwest	163	1.7	182	2.2	166	1.8
Iowa Central	531	2.6	775	2.6	441	2.5
Iowa Valley	492	2.3	482	2.1	419	2.1
Hawkeye	870	2.4	836	2.4	865	2.4
Eastern Iowa	906	2.9	788	2.8	711	2.9
Kirkwood	2,654	2.6	2,490	2.6	2,192	2.7
Des Moines Area	1,151	2.8	960	2.7	850	2.6
Western Iowa Tech	330	2.5	351	2.5	285	2.5
Iowa Western	591	2.4	660	2.5	609	2.5
Southwestern	194	2.0	185	1.8	184	2.1
Indian Hills	982	2.1	946	2.2	863	2.2
Southeastern	533	2.4	497	2.4	463	2.3
Total	11,110	2.4	10,725	2.4	9,430	2.4

Note: Year denotes when the cohort entered community college. Students are given up to five years to graduate. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-13: Time-to-Degree by College and Race/Ethnicity: 2005 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	4.0	2.0	1.0	2.3	2.1	2.3
North Iowa Area	5.0	3.0	2.2	2.3	2.3	2.0	2.3
Iowa Lakes	NA	NA	2.5	3.3	2.0	2.0	2.0
Northwest	NA	NA	NA	4.0	2.2	2.3	2.2
Iowa Central	NA	2.7	3.0	2.6	2.5	3.1	2.6
Iowa Valley	2.0	4.0	2.3	2.3	2.1	2.3	2.1
Hawkeye	NA	1.8	3.3	2.0	2.4	2.4	2.4
Eastern Iowa	4.0	2.5	2.8	2.9	2.8	3.1	2.8
Kirkwood	3.2	3.2	2.9	3.3	2.6	2.8	2.6
Des Moines Area	3.7	2.8	2.4	2.8	2.7	2.9	2.7
Western Iowa Tech	2.0	NA	4.5	2.7	2.5	2.5	2.5
Iowa Western	NA	NA	2.3	2.4	2.5	2.5	2.5
Southwestern	NA	NA	2.0	2.0	1.8	NA	1.8
Indian Hills	2.0	2.0	2.5	2.5	2.2	2.4	2.2
Southeastern	NA	3.0	2.5	3.3	2.4	2.7	2.4
Total	3.1	2.8	2.6	2.7	2.4	2.7	2.4

NOTE: Year denotes when the cohort entered community college. Students are given up to five years to graduate.
"NA" denotes no students were in that sub-cohort.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-14: Time-to-Degree by College and Race/Ethnicity: 2006 Cohort

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	NA	1.0	5.0	2.5	2.3	2.3	2.3
North Iowa Area	NA	3.0	2.5	1.8	2.2	NA	2.2
Iowa Lakes	NA	1.0	1.7	2.3	1.9	3.0	1.9
Northwest	1.0	NA	NA	NA	1.9	1.5	1.8
Iowa Central	NA	2.3	2.3	2.9	2.5	2.4	2.5
Iowa Valley	2.5	2.5	1.9	1.9	2.2	1.7	2.1
Hawkeye	NA	2.7	2.4	2.4	2.4	2.0	2.4
Eastern Iowa	2.0	3.0	3.2	3.2	2.9	2.7	2.9
Kirkwood	3.2	2.6	3.1	3.3	2.7	2.6	2.7
Des Moines Area	2.0	2.4	2.5	2.0	2.6	2.7	2.6
Western Iowa Tech	2.5	2.8	4.0	3.0	2.4	2.3	2.5
Iowa Western	NA	2.0	2.8	2.4	2.5	2.4	2.5
Southwestern	NA	NA	3.0	NA	2.1	NA	2.1
Indian Hills	2.0	1.3	2.0	2.3	2.2	2.1	2.2
Southeastern	4.0	2.0	1.5	2.0	2.3	2.5	2.3
Total	2.5	2.4	2.5	2.6	2.4	2.4	2.4

Note: Year denotes when the cohort entered community college. Students are given up to five years to graduate. "NA" denotes no students were in that sub-cohort. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 12-15: Wages for Graduates: 2002 & 2006 Cohorts

Cohort	Status	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
2002 Cohort	Leavers	\$17,606	\$26,188	\$27,872	\$29,777	\$30,996	\$30,804	\$29,789	\$31,674	\$32,451	\$30,640
	Completers	14,213	26,822	29,563	31,649	32,992	32,778	31,699	34,925	35,191	33,623
2006 Cohort	Leavers					19,252	22,916	24,176			
	Completers					12,207	25,945	28,236			

Note: Median salaries are shown for individuals who worked at least one quarter in every year shown. Wages for 2006 cohort have not been updated yet. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Iowa Workforce Development, Unemployment Insurance records. See Iowa Workforce Development and Iowa Department of Education (2012).

Table 12-16: Three-year Transfer Rates: 2002 Cohort

Cohort	2003	2004	2005				
AA	3,713	2,048	55.2%	2,392	64.4%	2,491	67.1%
AAS	3,631	329	9.1%	447	12.3%	528	14.5%
Non-award	49,895	3,820	7.7%	6,418	12.9%	7,798	15.6%
Total	57,239	6,197	10.8%	9,257	16.2%	10,817	18.9%

NOTE: The methodology shown here differs from the method to calculate transfer in the success rate. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse. See Laanan, Caompton, Starobin, Eggleston, Duree, Friedel, and Evans (2007).

Table 12-17: One-Year Retention Rate of Community College Transfers at Public Universities: 1991—2009

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
UNI	85	83	83	80	80	79	79	82	82	83	81	80	79	79	80	84	80	77	74
ISU	78	79	79	77	77	79	78	79	82	81	79	79	77	77	79	78	79	79	81
SUI	76	76	74	72	73	78	76	75	74	74	75	77	76	78	75	82	78	81	81

Source: State of Iowa Board of Regents (2011)

Table 12-18: Four-Year Graduation Rate of Community College Transfers at Public Universities: 1991—2006

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
SUI	50	49	46	49	51	53	51	54	55	52	58	61	58	58	54	65
ISU	56	56	53	53	55	58	59	59	62	65	56	59	59	57	59	63
UNI	63	66	66	61	65	62	64	65	68	65	64	65	65	61	64	68

Source: State of Iowa Board of Regents (2011)

Table 12-19: Postsecondary Education for Adult Literacy Participants: 2005—2008

Program Year	Enter Postsecondary Cohort	Enter Postsecondary Education	Percentage
2005	635	344	54.0%
2006	561	285	51.0%
2007	578	315	56.0%
2008	411	297	72.3%

NOTE: Data from 2005 through 2008 only uses MIS data. Data from 2008 incorporated data from the National Student Clearinghouse.

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and National Student Clearinghouse.

Table 12-20: New Employment & Retention for Adult Literacy Participants: 2005—2008

Program Year	Enter Employment			Retain Employment		
2005	810	583	72.0%	1,007	874	87.0%
2006	608	494	81.0%	816	725	89.0%
2007	382	302	79.0%	838	679	81.0%
2008	361	305	84.5%	788	642	81.5%

Note: Data from 2005 and 2006 combined a data match and mailed survey. In 2007 and 2008, the data match was the only source. Source: Iowa Department of Education, Division of Community Colleges.

13

TUITION AND FEES

Full-time community college resident tuition increased to \$3,948 during fiscal year 2012. Last year, average inflation-adjusted tuition was \$3,566, yielding a 5 percent increase between 2011 and 2012 (Figure 13-1). The increase is below the 6.3 average annual increase in the last 10 years. The highest listed tuition in 2011 was \$4,590 while the lowest tuition was \$3,330.

Over the past 10 years the average tuition cost per credit hour has increased from \$79.27 to \$131.61 per credit hour (Figure 13-2). Courses generally range from three to five credit hours in a community college.

National & Regional Comparisons

The following information uses data from *The Chronicle of Higher Education, Almanac Issue 2009-2010*. This report provides data through 2008, which is the most recent national higher education tuition data available. The information may differ since the U.S. Department of Education and Iowa Department of Education use different methods to collect tuition data.

Figure 13-4 shows the change in average tuition for the upper-Midwest and the nation's two-year public

TUITION AND FEES

FULL-TIME RESIDENT TUITION

\$3,948

TUITION CHANGE:



5%
Inflation-adjusted

AVERAGE ANNUAL FEES

\$339

FEE CHANGE:



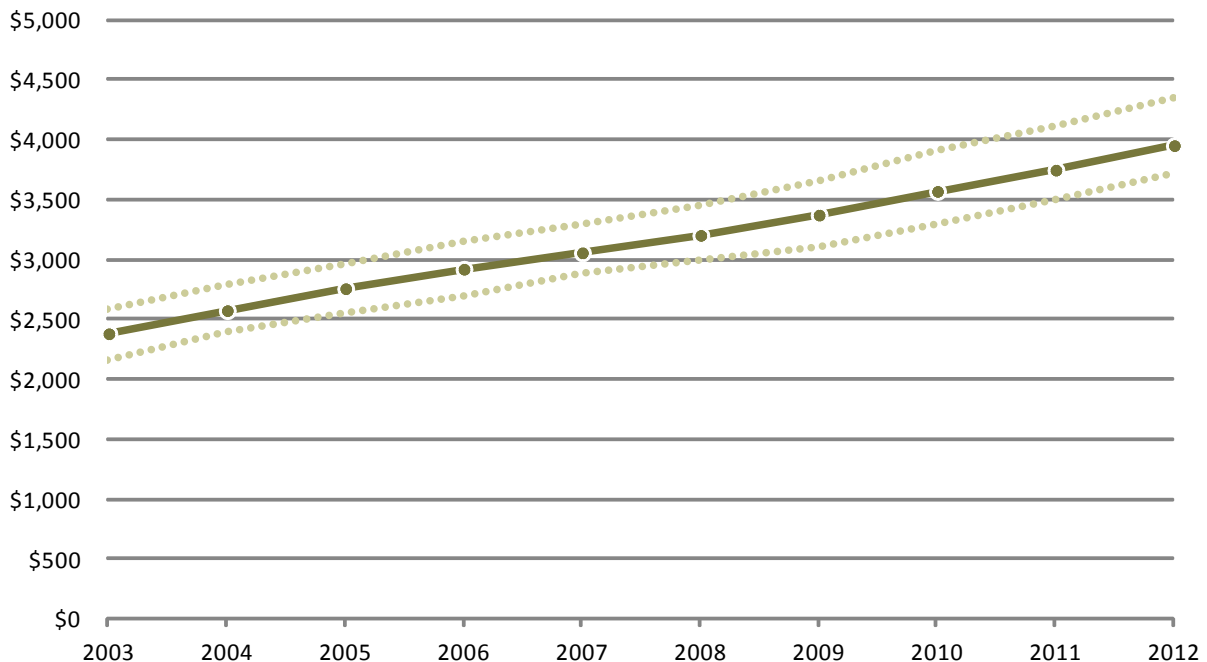
12%
Inflation-adjusted

colleges. The average tuition for upper-Midwest states—Minnesota, South Dakota, Iowa, Wisconsin, Missouri, Illinois, Kansas, and Nebraska—is above the national average tuition. In particular, Iowa's average tuition is \$1,201 higher than the national average.

Iowa's tuition has also increased at twice the rate of the national average. Between 2001 and 2008—the most recent data available—the national average tuition increased 51.8 percent while Iowa's tuition increased 51.9 percent.

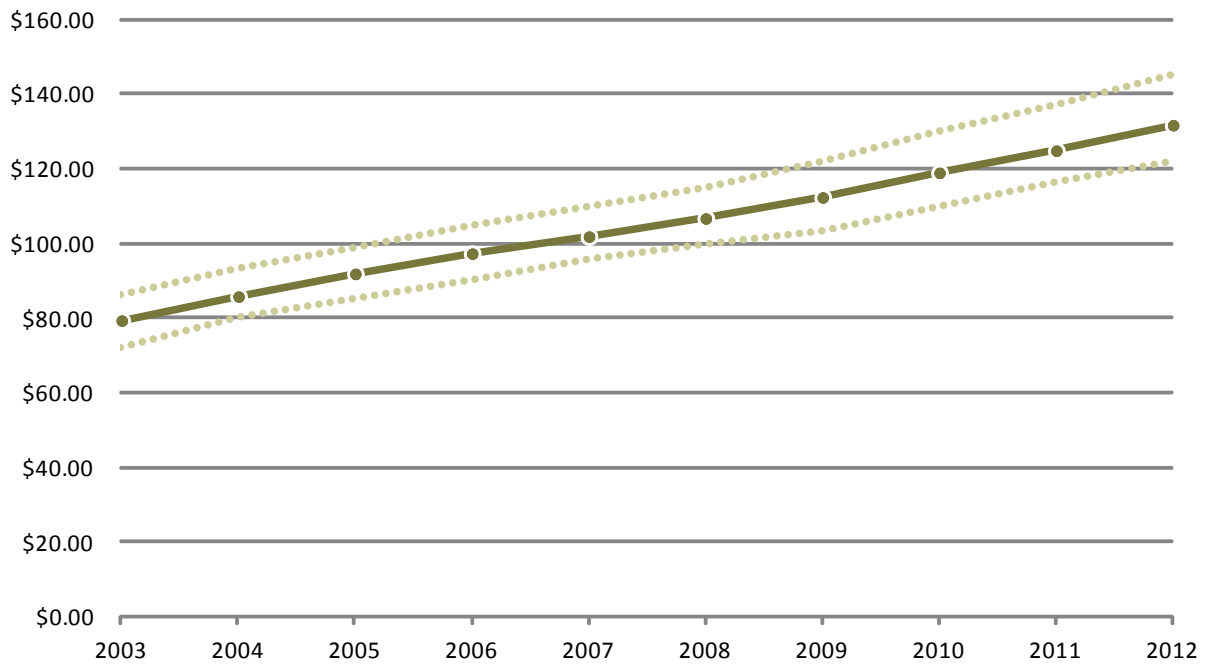
Iowa's tuition increases have been modest compared to other states within the region. After adjusting for inflation, Iowa has remained unchanged as the fourth-highest community college tuition in the upper-Midwest.

Figure 13-1: Adjusted Full-Time Resident Tuition: 2003-2012



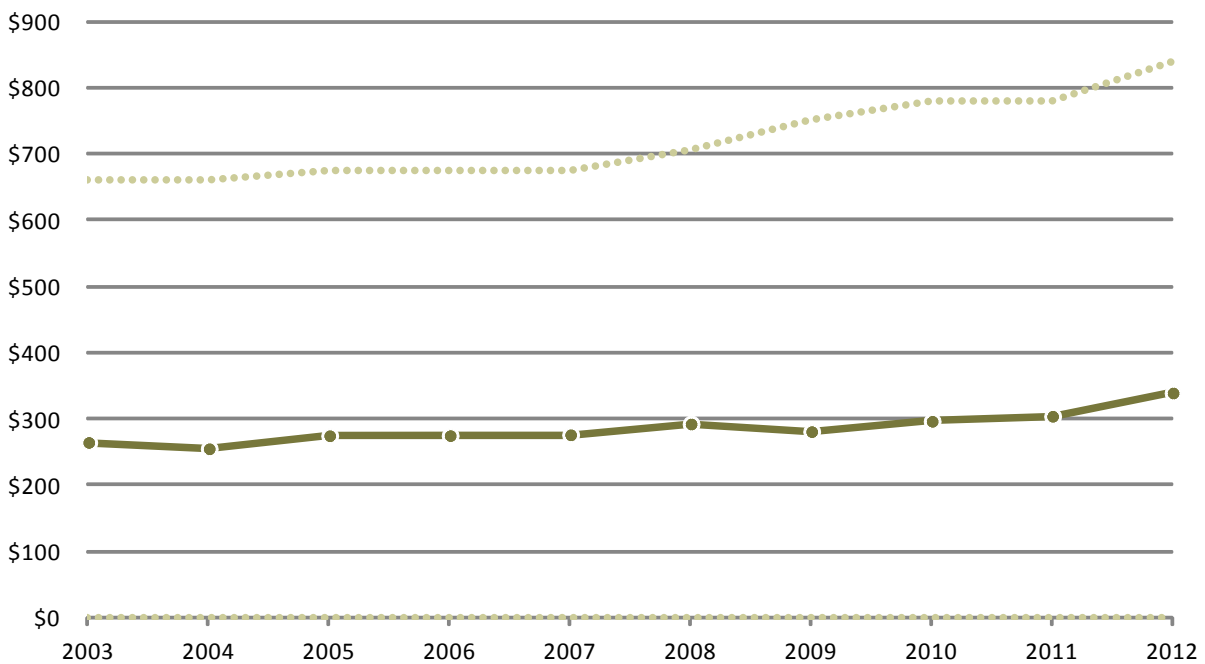
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-2

Figure 13-2: Adjusted Resident Tuition per Credit Hour: 2003-2012



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-5.

Figure 13-3: Adjusted Average Annual Full-Time Fees: 2003-2012



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-4.

Figure 13-4: Adjusted Regional Comparison of Tuition and Fees: 2002 & 2009



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-7.

Minnesota's tuition has increased 80.5 percent since 2001 to overtake South Dakota as the most expensive state for community college tuition in the region.

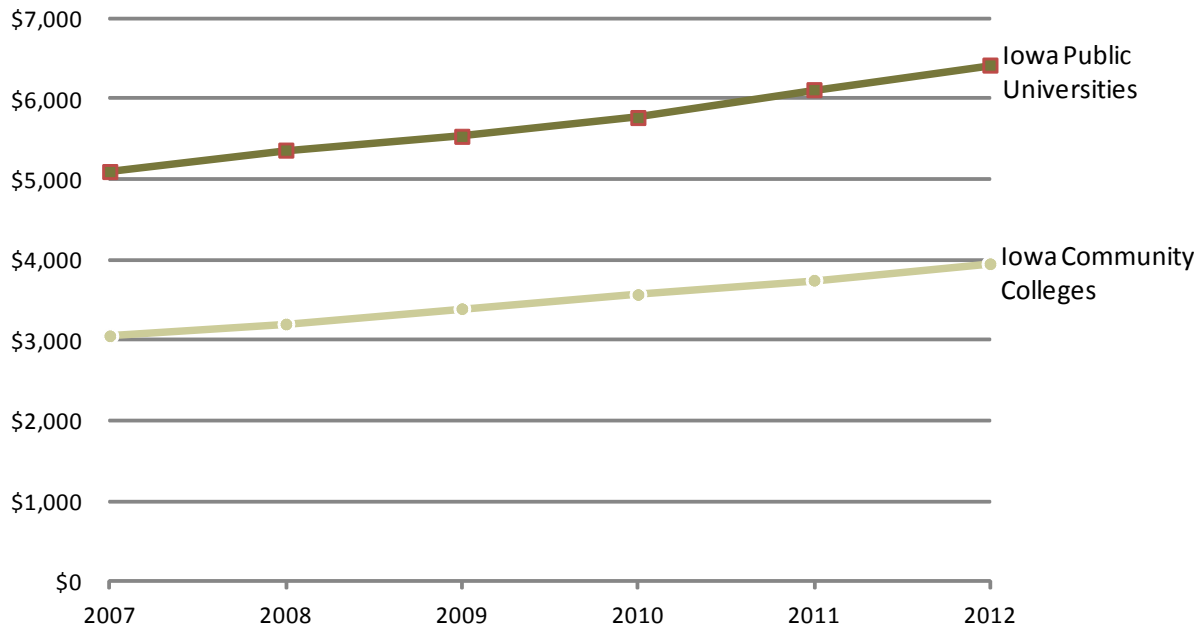
Wisconsin's average tuition is \$430 more than Iowa's. However, Iowa's tuition has grown at a faster rate. Wisconsin's tuition has grown 48.9 percent compared to 51.9 percent over seven years.

Comparison to Public Universities

The Code of Iowa requires that the total tuition for Iowa residents attending community colleges not exceed the lowest tuition rate per semester charged by an Iowa public university. In 2011, the average community college tuition rate was 38.5 percent (\$2,469) below the average Iowa public university tuition rate (Figure 13-5).

Iowa public university tuition has increased 26 percent each between 2007 and 2012, compared to 29 percent for community colleges. Although the gap between public universities and community colleges has narrowed as a percentage, the monetary difference in cost between the two has slightly widened. In 2007, community college tuition was \$2,041 less than a public university. In 2011, public universities cost \$2,469 more than at community colleges.

Figure 13-5: Adjusted Average Annual Full-Time Tuition Rates of Iowa Community Colleges and Iowa Public Universities: 2007-2012



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-8.

Table 13-1: Resident Tuition and Fees (12 Credit Hours Per Term): 2010-2011 and 2011-2012 Academic Years

Community College	2010-2011			2011-2012			Increases			Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	\$3,288	\$312	\$3,600	\$3,480	\$312	\$3,792	\$192	\$0	\$192	5%
North Iowa Area	\$2,792	\$338	\$3,130	\$2,933	\$591	\$3,524	\$140	\$253	\$394	13%
Iowa Lakes	\$3,240	\$422	\$3,662	\$3,336	\$422	\$3,758	\$96	\$0	\$96	3%
Northwest Iowa	\$3,024	\$528	\$3,552	\$3,168	\$672	\$3,840	\$144	\$144	\$288	8%
Iowa Central	\$2,880	\$312	\$3,192	\$3,024	\$336	\$3,360	\$144	\$24	\$168	5%
Iowa Valley	\$3,192	\$624	\$3,816	\$3,336	\$624	\$3,960	\$144	\$0	\$144	4%
Hawkeye	\$3,072	\$144	\$3,216	\$3,192	\$144	\$3,336	\$120	\$0	\$120	4%
Eastern Iowa	\$2,832	\$0	\$2,832	\$3,072	\$0	\$3,072	\$240	\$0	\$240	8%
Kirkwood	\$2,832	\$0	\$2,832	\$3,072	\$0	\$3,072	\$240	\$0	\$240	8%
Des Moines Area	\$3,000	\$0	\$3,000	\$3,144	\$0	\$3,144	\$144	\$0	\$144	5%
Western Iowa Tech	\$2,832	\$372	\$3,204	\$2,976	\$372	\$3,348	\$144	\$0	\$144	4%
Iowa Western	\$2,856	\$312	\$3,168	\$3,024	\$312	\$3,336	\$168	\$0	\$168	5%
Southwestern	\$2,928	\$288	\$3,216	\$3,096	\$288	\$3,384	\$168	\$0	\$168	5%
Indian Hills	\$3,120	\$0	\$3,120	\$3,288	\$0	\$3,288	\$168	\$0	\$168	5%
Southeastern	\$3,024	\$0	\$3,024	\$3,240	\$0	\$3,240	\$216	\$0	\$216	7%
State Average	\$2,994	\$243	\$3,238	\$3,159	\$272	\$3,430	\$165	\$28	\$193	6%
Std. Dev. (C.C.)	\$156	\$201	\$284	\$148	\$233	\$274	\$40	\$70	\$72	6%
Iowa Public Universities	\$6,111	\$1,030	\$7,141	\$6,417	\$1,116	\$7,533	\$306	\$86	\$393	6%

Source: 2010-2011 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2010; Electronic 2011-2012 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education, Iowa Board of Regents, Tuition Rates. Note: Indians Hills shown for three 12 week terms. Eight credits per term equals 12 per semester. Only fees charged for all students are included. Other fees for lab or specific programs are not included.

Table 13-2: Resident Tuition and Fees (15 Credit Hours Per Term): 2010-2011 and 2011-2012 Academic Years

Community College	2010-2011			2011-2012			Increases			Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	\$4,110	\$390	\$4,500	\$4,350	\$390	\$4,740	\$240	\$0	\$240	5%
North Iowa Area	\$3,491	\$422	\$3,913	\$3,666	\$739	\$4,405	\$176	\$317	\$492	13%
Iowa Lakes	\$4,050	\$523	\$4,573	\$4,170	\$523	\$4,693	\$120	\$0	\$120	3%
Northwest Iowa	\$3,780	\$660	\$4,440	\$3,960	\$840	\$4,800	\$180	\$180	\$360	8%
Iowa Central	\$3,600	\$390	\$3,990	\$3,780	\$420	\$4,200	\$180	\$30	\$210	5%
Iowa Valley	\$3,990	\$780	\$4,770	\$4,170	\$780	\$4,950	\$180	\$0	\$180	4%
Hawkeye	\$3,840	\$180	\$4,020	\$3,990	\$180	\$4,170	\$150	\$0	\$150	4%
Eastern Iowa	\$3,540	\$0	\$3,540	\$3,840	\$0	\$3,840	\$300	\$0	\$300	8%
Kirkwood	\$3,540	\$0	\$3,540	\$3,840	\$0	\$3,840	\$300	\$0	\$300	8%
Des Moines Area	\$3,750	\$0	\$3,750	\$3,930	\$0	\$3,930	\$180	\$0	\$180	5%
Western Iowa Tech	\$3,540	\$465	\$4,005	\$3,720	\$465	\$4,185	\$180	\$0	\$180	4%
Iowa Western	\$3,570	\$390	\$3,960	\$3,780	\$390	\$4,170	\$210	\$0	\$210	5%
Southwestern	\$3,660	\$360	\$4,020	\$3,870	\$360	\$4,230	\$210	\$0	\$210	5%
Indian Hills	\$3,900	\$0	\$3,900	\$4,110	\$0	\$4,110	\$210	\$0	\$210	5%
Southeastern	\$3,780	\$0	\$3,780	\$4,050	\$0	\$4,050	\$270	\$0	\$270	7%
State Average	\$3,743	\$304	\$4,047	\$3,948	\$339	\$4,287	\$206	\$35	\$241	6%
Std. Dev. (C.C.)	\$195	\$251	\$355	\$186	\$291	\$342	\$50	\$88	\$91	6%
Iowa Public Universities	\$6,111	\$1,030	\$7,141	\$6,417	\$1,116	\$7,533	\$306	\$86	\$393	6%

Table 13-3: Resident Tuition per Credit Hour: 2010-2011 and 2011-2012 Academic Years

Community College	Tuition per Semester Hour			Tuition and Fees per Hour		
	2010-2011	2011-2012	Increase	2010-2011	2011-2012	Increase
Northeast Iowa	\$137	\$145	\$8	\$150	\$158	\$8
North Iowa Area	\$116	\$122	\$6	\$130	\$147	\$16
Iowa Lakes	\$135	\$139	\$4	\$153	\$156	\$4
Northwest Iowa	\$126	\$132	\$6	\$148	\$160	\$12
Iowa Central	\$120	\$126	\$6	\$133	\$140	\$7
Iowa Valley	\$133	\$139	\$6	\$159	\$165	\$6
Hawkeye	\$128	\$133	\$5	\$134	\$139	\$5
Eastern Iowa	\$118	\$128	\$10	\$118	\$128	\$10
Kirkwood	\$118	\$128	\$10	\$118	\$128	\$10
Des Moines Area	\$125	\$131	\$6	\$125	\$131	\$6
Western Iowa Tech	\$118	\$124	\$6	\$134	\$140	\$6
Iowa Western	\$119	\$126	\$7	\$132	\$139	\$7
Southwestern	\$122	\$129	\$7	\$134	\$141	\$7
Indian Hills	\$130	\$137	\$7	\$130	\$137	\$7
Southeastern	\$126	\$135	\$9	\$126	\$135	\$9
State Average	\$125	\$132	\$7	\$135	\$143	\$8
Standard Deviation	\$7	\$6	\$2	\$12	\$11	\$3

Source: 2010-2011 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2010; Electronic 2010-2011 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Note: Indian Hills shown for three 12 week terms. Eight credits per term equals 12 per semester.

Table 13-4: Resident Tuition and Fees per Term: 2011-2012 Academic Year

Community College	2011-2012		2011-2012		2011-2012	
	Tuition for 15 Credits per Term	Fees for 15 Credits per Term	Total Tuition & Fees for 15 Credits per Term	Tuition & Fees Per Credit Hour		
Northeast Iowa	\$4,350	\$390	\$5,130	\$171		
North Iowa Area	\$3,666	\$739	\$5,144	\$171		
Iowa Lakes	\$4,170	\$523	\$5,215	\$174		
Northwest Iowa	\$3,960	\$840	\$5,640	\$188		
Iowa Central	\$3,780	\$420	\$4,620	\$154		
Iowa Valley	\$4,170	\$780	\$5,730	\$191		
Hawkeye	\$3,990	\$180	\$4,350	\$145		
Eastern Iowa	\$3,840	\$0	\$3,840	\$128		
Kirkwood	\$3,840	\$0	\$3,840	\$128		
Des Moines Area	\$3,930	\$0	\$3,930	\$131		
Western Iowa Tech	\$3,720	\$465	\$4,650	\$155		
Iowa Western	\$3,780	\$390	\$4,560	\$152		
Southwestern	\$3,870	\$360	\$4,590	\$153		
Indian Hills	\$4,110	\$0	\$4,110	\$137		
Southeastern	\$4,050	\$0	\$4,050	\$135		
State Average (1)	\$3,948	\$339	\$4,627	\$154		

(1) All State Averages are calculated based on 15 community colleges except the State Average Fees for 15

Credits per Term, which is calculated using only those community colleges charging fees.

Table 13-5: Non-Resident Tuition per Credit Hour: 2010-2011 and 2011-2012 Academic Years

Community College	Tuition per Semester Hour		Annual with 24 Hours	Annual with 30 Hours	Percent Increase
	2010-2011	2011-2012			
Northeast Iowa	\$137	\$145	\$3,480	\$4,350	6%
North Iowa Area	\$175	\$183	\$4,399	\$5,499	5%
Iowa Lakes	\$137	\$142	\$3,408	\$4,260	4%
Northwest Iowa	\$154	\$154	\$3,696	\$4,620	0%
Iowa Central	\$180	\$189	\$4,536	\$5,670	5%
Iowa Valley	\$154	\$160	\$3,840	\$4,800	4%
Hawkeye	\$153	\$158	\$3,792	\$4,740	3%
Eastern Iowa	\$177	\$192	\$4,608	\$5,760	8%
Kirkwood	\$118	\$153	\$3,672	\$4,590	30%
Des Moines Area	\$250	\$262	\$6,288	\$7,860	5%
Western Iowa Tech	\$133	\$133	\$3,192	\$3,990	0%
Iowa Western	\$124	\$131	\$3,144	\$3,930	6%
Southwestern	\$143	\$143	\$3,420	\$4,275	0%
Indian Hills	\$195	\$206	\$4,944	\$6,180	6%
Southeastern	\$131	\$140	\$3,360	\$4,200	7%
State Average	\$157	\$166	\$3,985	\$4,982	6%
Standard Deviation	\$33	\$34	\$815	\$1,019	7%

Source: 2010-2011 Academic Year, Iowa Community Colleges, Tuition and Fees Report, issued September 2010; Electronic 2011-2012 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.
 Note: Indian Hills shown for three 12 week terms. Eight credits per term equals 12 per semester. * Iowa Valley number represents the average of the Ellsworth CC (\$171) and the Marshalltown CC (\$149) rates.

Table 13-6: Recurring Fees for Full-time Students: 2010-2011 Academic Year

Community College	Amount	Term	Purpose	Annual - 12 credits per Term	Annual - 15 credits per Term
Northeast Iowa	\$13	Sem Hr.	General	\$312	\$390
North Iowa Area	\$3	Sem Hr.	Student Activity	\$76	\$95
	\$11	Sem Hr.	Materials/Lab/Supply	\$275	\$344
	\$10	Sem Hr.	Technology	\$240	\$300
				\$591	\$739
Iowa Lakes	\$1	Sem Hr.	Processing	\$18	\$23
	\$0	Sem Hr.	Noel Levitz LSA Fee	\$6	\$8
	\$2	Sem Hr.	Activity	\$54	\$68
	\$6	Sem Hr.	General	\$132	\$165
	\$8	Sem Hr.	Technology	\$192	\$240
	\$10	Semester	Activity (students registered for 12 or more hours)	\$20	\$20
				\$422	\$523
Northwest Iowa	\$10	Sem Hr.	Student Fee	\$240	\$300
	\$10	Sem Hr.	Course Fee	\$240	\$300
	\$8	Sem Hr.	Technology Fee	\$192	\$240
				\$672	\$840
Iowa Central	\$14	Sem Hr.	Student Fee	\$336	\$420
Iowa Valley	\$17	Sem Hr.	Materials & Technology Fee	\$408	\$510
	\$2	Sem Hr.	Facility Fee	\$48	\$60
	\$7	Sem Hr.	Student/Distance Learning/Facility Fee	\$168	\$210
				\$624	\$780
Hawkeye	\$4	Sem Hr.	Computer user	\$96	\$120
	\$2	Sem Hr.	Activity	\$48	\$60
			\$144	\$180	
Eastern Iowa	None				
Kirkwood	None				
Des Moines Area	None				
Western Iowa Tech	\$9	Credit Hr.	Technology	\$216	\$270
	\$7	Credit Hr.	Matriculation	\$156	\$195
				\$372	\$465
Iowa Western	\$13	Sem Hr.	Student Activity Fee	\$312	\$390
Southwestern	\$12	Sem Hr.	Service/Technology (online courses incur a \$21 per credit hour fee)	\$288	\$360
Indian Hills	None				
Southeastern	None				

Source: 2010-2011 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued September 2010; Electronic 2011-2012 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education. Note: This is not an all inclusive listing of fees charged by the individual community colleges. The fees listed above include all fees charged to each student. Other fees such as lab fees or special class fees may be charged by the individual community college.

Table 13-7: National and Regional Comparison of Average Tuition and Fees: 2004-2008

	Fiscal Year							
	2002	2003	2004	2005	2006	2007	2008	2009
National	\$1,379	\$1,479	\$1,670	\$1,847	\$1,935	\$2,017	\$2,063	\$2,137
Iowa	\$2,362	\$2,559	\$2,686	\$2,876	\$3,032	\$3,139	\$3,264	\$3,415

Table 13-8: Comparison of Adjusted Annual Full-Time Tuition Rates with Iowa Public Universities: 2006-2011

	2007	2008	2009	2010	2011	2012
Iowa Community Colleges	\$3,053	\$3,199	\$3,390	\$3,566	\$3,743	\$3,948
Iowa Regent Institutions	\$5,094	\$5,360	\$5,532	\$5,765	\$6,111	\$6,417

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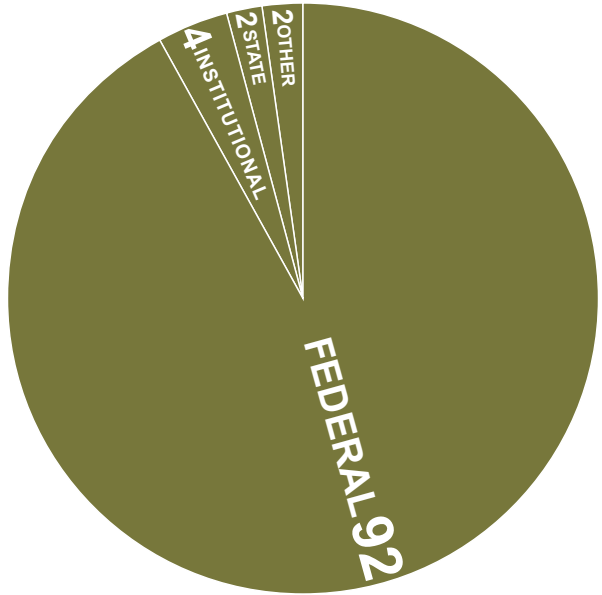
FINANCIAL AID

Iowa community college students receive financial aid from federal, state, institutional, and other sources. Student financial aid includes grants, scholarships, and loans. The Chronicle of Higher Education Almanac Issue 2010-2011 reports that in fiscal year 2010, the State of Iowa spent a total of \$53,062,269 on student aid for need-based students, \$4,404,729 on student aid for non-need based students, and \$1,262,029 on non-grant student aid.

In analyzing aid by source to the community colleges (Figure 14-2), federal aid was \$367,097,896 (92 percent), state aid was \$8,371,176 (2 percent), institutional aid was \$14,064,544 (3.5 percent), and other aid was \$8,679,522 (2 percent).

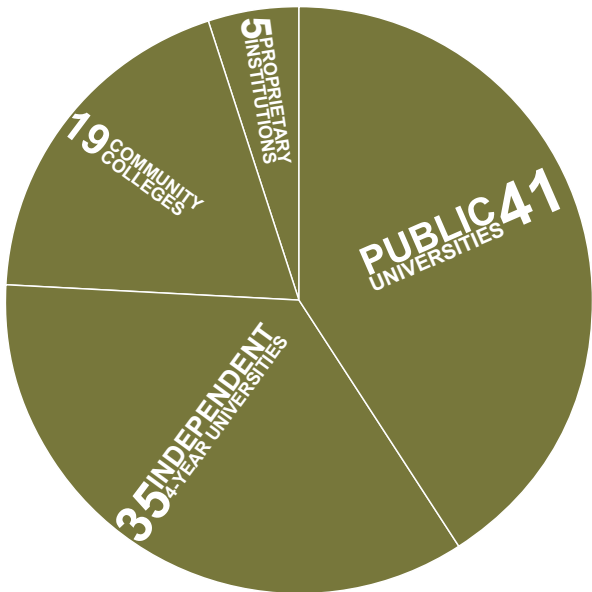
Community college students received approximately 18.7 percent of all financial aid distributed to students enrolled in postsecondary institutions in fiscal year 2010. Iowa community college students received 30.8 percent of federal student aid funds in Iowa, 12.1 percent of all state funds, 2.0 percent of all institutional funds, and 5.4 percent of all other student aid funds.

Figure 14-2: Community College Student Financial Aid, by Source: 2010



SOURCE: Iowa College Student Aid Commission, Table 14-1.
NOTE: Data are as reported by Iowa colleges and universities.

Figure 14-1: Student Financial Aid, by Sector: 2010



SOURCE: Iowa College Student Aid Commission, Table 14-2.
NOTE: Data are as reported by Iowa colleges and universities.

Table 14-1: Distribution of Community College Student Aid, by Source: 2010

Source	Amount	Percentage
Federal	\$367,097,896	92.19%
Institutional	\$14,064,544	3.53%
Other	\$8,679,522	2.18%
State	\$8,371,176	2.10%
Total	\$398,213,138	

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-2: Total Student Financial Aid, by Sector: 2010

Sector	Amount	Percentage
Regent Universities	\$882,088,526	41.46%
Private, Not-For-Profit, 4-Year	\$746,217,204	35.07%
Private, For-Profit, 4-Year	\$96,516,555	4.54%
Public, 2-year	\$398,213,138	18.72%
Private, Not-For-Profit, 2-Year	\$1,061,235	0.05%
Private, For-Profit, 2-Year	\$3,652,095	0.17%
Total	\$2,127,748,753	

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-3: Total Student Financial Aid, by Source: 2010

Source	Regent Universities	Private, Not-For-Profit, 4-Year	Private, For-Profit, 4-Year	Public, 2-year	Private, Not-For-Profit, 2-Year	Private, For-Profit, 2-Year	Total
Federal	\$532,169,920	\$211,464,016	\$77,134,090	\$367,097,896	\$529,296	\$3,543,582	\$1,191,938,800
Institutional	\$263,183,448	\$416,483,249	\$12,214,194	\$14,064,544	\$114,409	\$12,371	\$706,072,215
Other	\$78,421,142	\$70,611,120	\$2,246,482	\$8,679,522	\$219,786	\$94,185	\$160,272,237
State	\$8,314,016	\$47,658,819	\$4,921,689	\$8,371,176	\$197,744	\$1,957	\$69,465,401

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-4: Total Student Financial Aid, by Source: 2010

Source	Regent Universities	Private, Not-For-Profit, 4-Year	Private, For-Profit, 4-Year	Public, 2-year	Private, Not-For-Profit, 2-Year	Private, For-Profit, 2-Year	Total
Federal	44.65%	17.74%	6.47%	30.80%	0.04%	0.30%	100.00%
Institutional	37.27%	58.99%	1.73%	1.99%	0.02%	0.00%	100.00%
Other	48.93%	44.06%	1.40%	5.42%	0.14%	0.06%	100.00%
State	11.97%	68.61%	7.09%	12.05%	0.28%	0.00%	100.00%

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

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FINANCIAL

The total Fund 1 unrestricted general fund revenues increased \$18,999,896 in fiscal year 2011 from the prior year. This increase in revenue consisted, in part, from a 10 percent increase in tuition and fees and a 6.72 percent increase in state general aid. Other income increased by .80 percent. Federal support showed a 58.52 percent decrease due to the end of the American Recovery and Reinvestment Act (ARRA) funds that the community colleges received. These totaled \$25.6 million in 2010 and were one-time only funds distributed to the States by the Federal Government.

Tuition and fees (57.28 percent) was the largest source of revenue for the community colleges with SGA following at 29.47 percent. Local and federal sources of revenue were 4.61 and 2.69 percent, respectively.

Total revenues, adjusted to 2011 dollars, have shown an overall increase of 1.99 percent from 2007 through 2011, or an average of 3.39 percent in real dollars per year. During this time (2007–2011), tuition and fees revenue has shown a real dollar increase of 36.74 percent and SGA has decreased 8.56 percent. Local revenue has

FINANCIAL

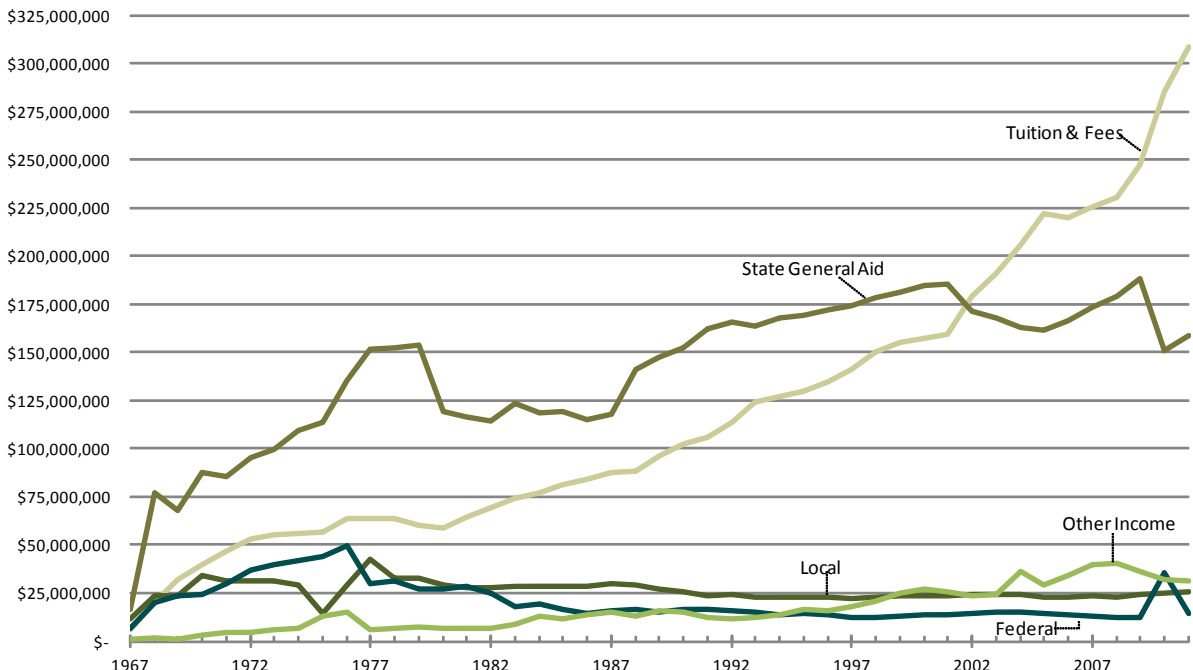
STATE GENERAL AID (SGA)
\$158,754,232
Increased 6.7 percent from the prior year

FULL-TIME EQUIVALENT ENROLLMENT (FTEE)
107,251.01
A 2,440.34 increase since 2010

LARGEST EXPENDITURE BY SOURCE
SALARIES
Seventy-three percent of total expenditures.

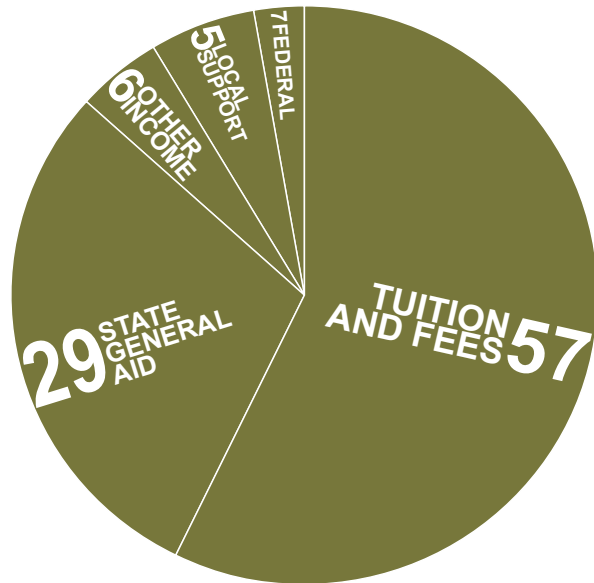
increased 8.95 percent in real dollars, and federal support has increased 11.37 percent..

Figure 15-1: Adjusted Unrestricted General Fund Revenue by Source: 1967-2011



NOTE: Amounts are adjusted for inflation to 2011 amounts based upon July-to-July changes in the CPI-U. SOURCE: Iowa Department of Education, see Table 15-1 through Table 15-5.

Figure 15-2: Revenues by Source: 2011



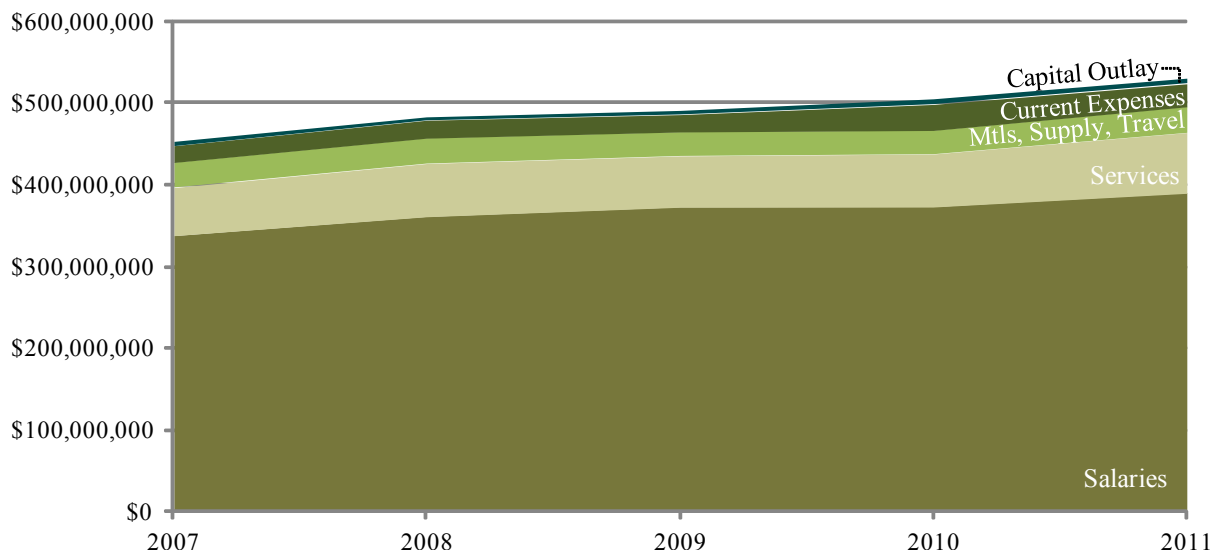
SOURCE: Iowa Department of Education, Bureau of Community College Services, Annual Report, Unrestricted General Fund AS-15E, Fund 1. See Table 15-5.

Unrestricted General Fund Expenditures by Source

The total Unrestricted General Fund Expenditures in fiscal year 2011 increased \$24,933,268 from the previous year. The increase in expenditures included a 4.56 percent increase in salaries and benefits, a 14.4 percent increase in services, and a 10.16 percent increase in materials, supplies, and travel. Current expenses decreased 11.97 percent and capital outlays were down 9.02 percent.

Total Unrestricted General Fund Expenditures, adjusted to 2011 dollars, has increased 16.97 percent from 2007

Figure 15-3: Adjusted Unrestricted General Fund Expenditures: 2005-2011



SOURCE: Iowa Department of Education, Unrestricted General Fund AS-15E, Fund 1. See Tables 15-6 through 15-10

through 2011, or an average of 3.07 percent per year in real dollars. During this time period (200-2011) salary expenditures has increased 15.57 percent, service expenditures has increased 25.95 percent. Capital outlays have increased 3.36 percent. Materials, supplies, and travel expenses have increased 4.62 percent since 2007.

The services categories are defined below:

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

Unrestricted General Fund Expenditures by Function

Total Unrestricted General Fund expenditures in arts and sciences, adjusted to 2011 dollars, increased 6.53 percent from fiscal year 2010, 4.75 percent in vocational/technical, and 10.24 percent in general institution functions. Adult Education expenditures increased 5.76 percent. Cooperative programs/services declines 16.85

percent, and administration expenditures declined 4.61 percent.

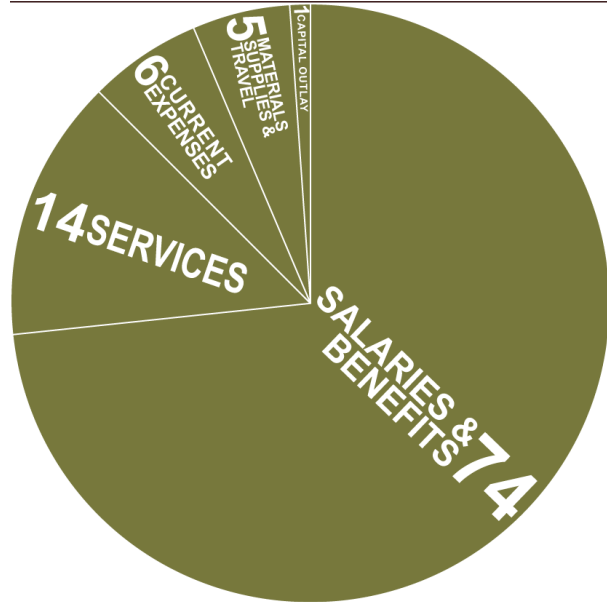
From 2007 through 2011, in 2011 dollars, the arts and sciences function experienced a 19.64 percent increase in expenditures, the vocational/technical function a 10.19 percent increase, the administration function a 21.32 percent increase, and student services a 10.42 percent increase. In contrast, adult education expenditures decreased 4.88 percent, and learning resources expenditures decreased 6.84 percent since FY 2007.

The vocational/technical function continues to be the largest source of expenditures in fiscal year 2011 at 24.62 percent. This function is followed by the arts and sciences function at 24.31 percent. The physical plant function was 11.69 percent, the general institution expenses were 13.15 percent, adult education was 7.87 percent, and the administration function was 6.21 percent of the total expenditures in fiscal year 2011.

The function categories are defined below:

- 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 serves 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,

Figure 15-4: Expenditures by Source: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Annual Report, Unrestricted General Fund AS-15E, Fund 1. See Table 15-5.
early retirement, and telecommunications.

Unrestricted General Fund Revenues vs. Expenditures

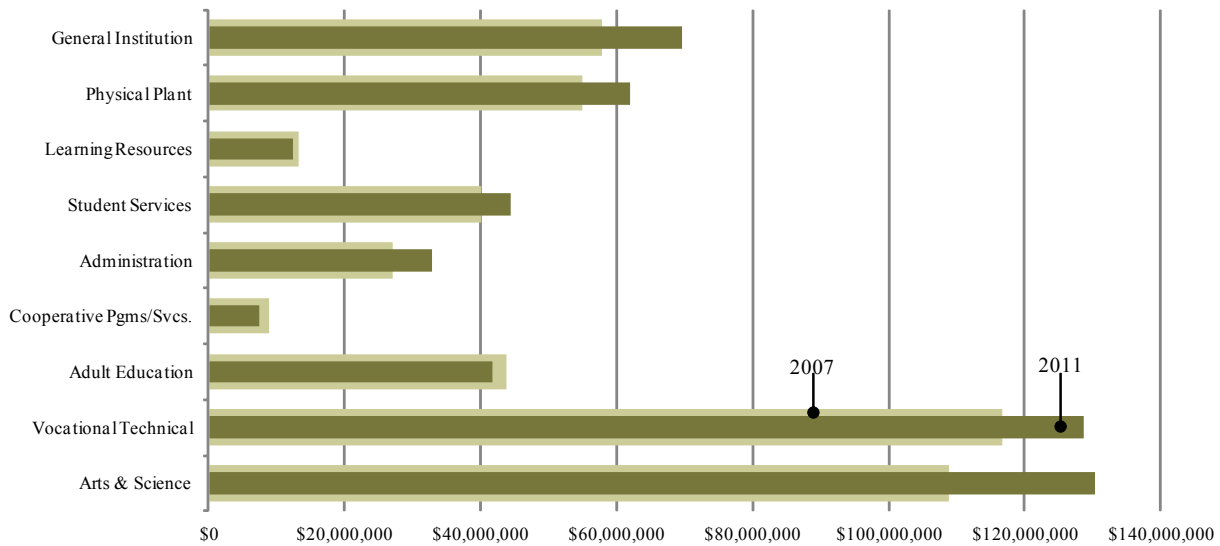
Both revenues and expenditures have increased each year over the last five years. After adjusting for inflation and adjusting each year into 2011 dollars, revenue grew by 1.99 percent from fiscal year 2010 to fiscal year 2011 and expenditures grew by 4.95 percent. Since fiscal year 2007, Unrestricted General Fund revenues have grown 13.4 percent while Unrestricted General Fund expenditures have grown 16.96 percent.

Full-Time Equivalent Enrollment (FTEE)

The Full-Time Equivalent Enrollment (FTEE) calculation is utilized when determining SGA. 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., fiscal year 2010 enrollments are used to calculate fiscal year 2012 SGA). Twenty-four (24) credit semester hours equals one FTEE, while 600 non-credit contact hours equals one FTEE.

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Figure 15-5: Adjusted General Fund Expenditures by Function: 2005 and 2011



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Annual Report, Unrestricted General Fund AS-15E, Fund 1 2010, Table 15-14.

FTEE totals have increased overall from fiscal year 2007 through fiscal year 2011 by 18,756.08. The fiscal year 2011 total represented a 2.33 percent increase (2440.34) from the previous year.

State General Aid (SGA)

The fiscal year 2011 SGA amount was \$158,754,232. This amount represented an increase of \$9,999,999, or 6.72% over the previous year. After adjusting previous SGA amounts into 2011 dollars, the SGA has decreased

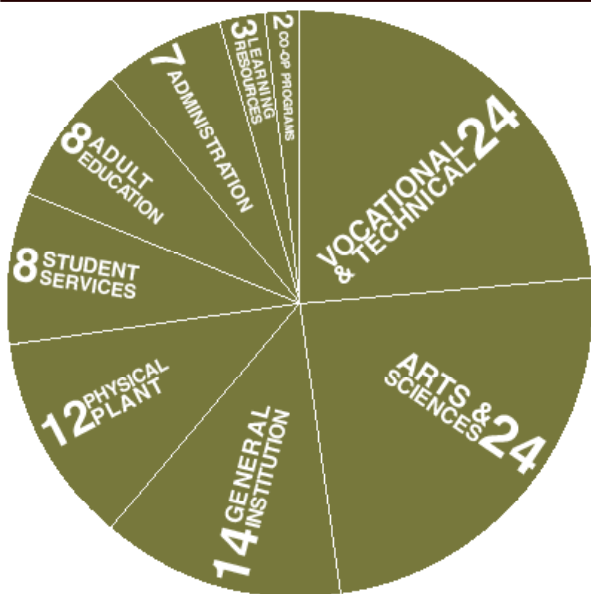
7.21 percent in real dollars since fiscal year 2002.

Unrestricted General Fund Revenue and Expenditure Per FTEE

Unrestricted General Fund revenue per FTEE, after adjusting to 2011 dollars, indicates that overall amounts of revenue per FTEE have decreased 6.43 percent from FY 2007 through FY 2011. Fiscal year 2011 revenue per FTEE was .33 percent less than fiscal year 2010.

The Unrestricted General Fund expenditures per FTEE, after adjusting to 2011 dollars, show that the total per FTEE has decreased 3.49 percent since fiscal year 2007. The fiscal year 2011 expenditure per FTEE amount increased 2.56 percent from the previous year.

Figure 15-6: Expenditures by Function: 2011

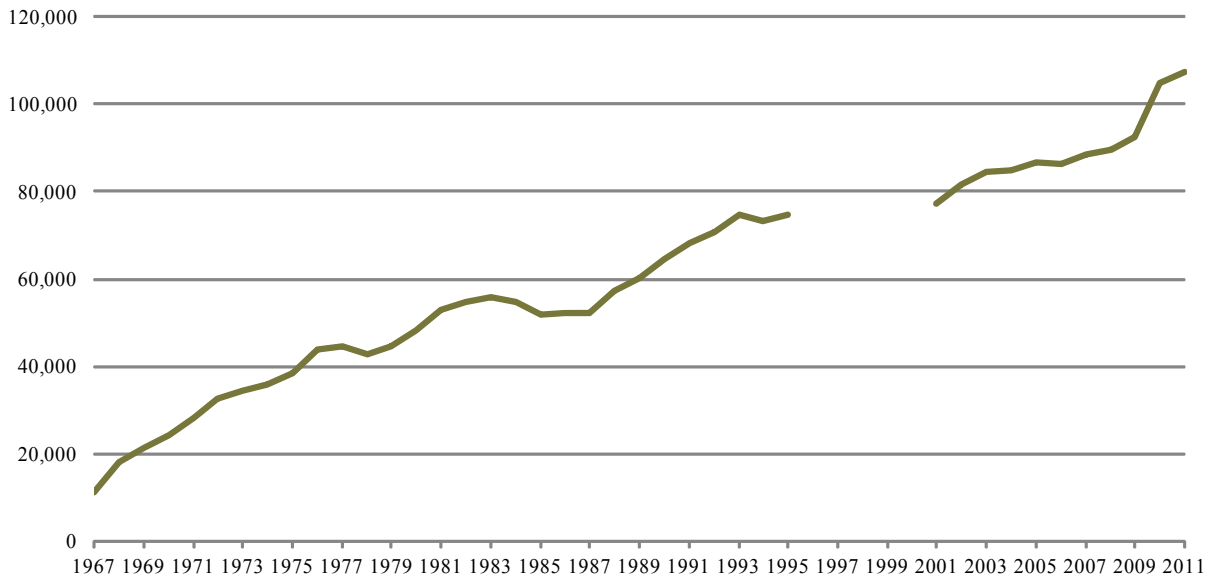


SOURCE: Iowa Department of Education, Bureau of Community College Services, Annual Report, Unrestricted General Fund AS-15E, Fund 1. See Table 15-14.

State General Aid per FTEE

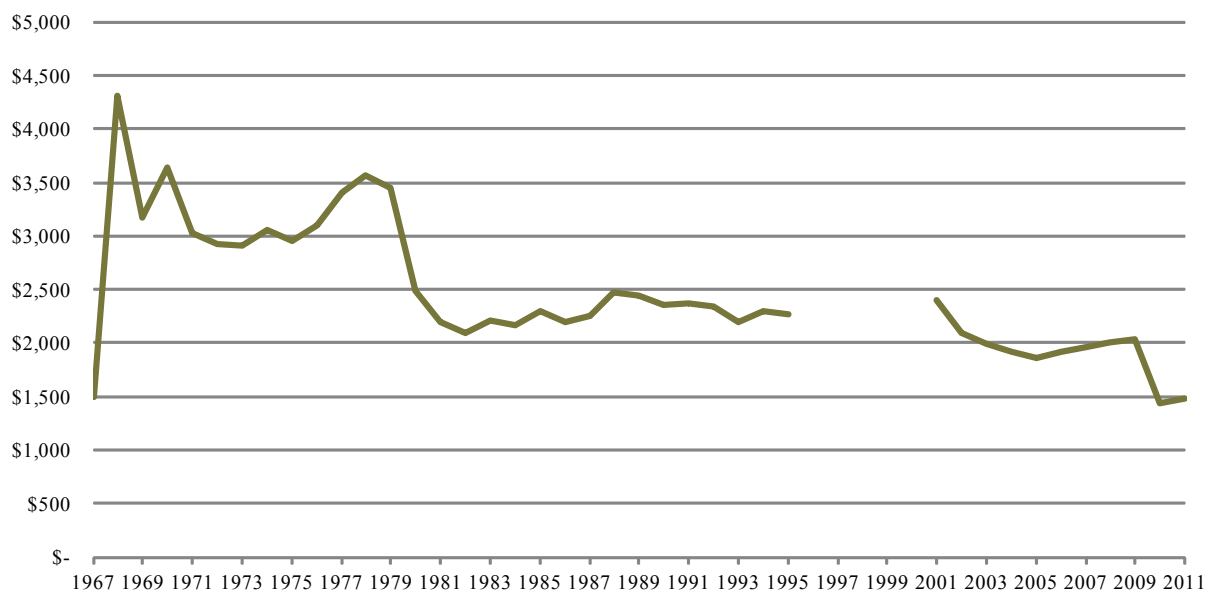
Utilizing SGA information adjusted into 2011 dollars, the SGA amount per FTEE has been steadily declining since 2002. In the past ten years, the amount dropped from \$2,097 per FTEE in 2002 to \$1,480 per FTEE in 2011. This represents a decrease of 29.42 percent during this time. The result is a combination of increasing enrollment at the community colleges as well as a decrease in state general aid funding.

Figure 15-7: Full-Time Equivalent Enrollment (FTEE): 1967-2009



NOTE: FTEE between 1996 and 1998 are not available. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E. See Table 15-15 through 15-19 and www.educateiowa.gov/ccpublications/ for historical amounts.

Figure 15-8: Adjusted State General Aid per FTEE: 1967-2010



NOTE: FTEE between 1996 and 1998 are not available. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS. See Table 15-20 and www.iowa.gov/educate for historical amounts.

Table 15-1: Unrestricted Fund Revenue by Source: 2007

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$12,024,069	\$1,524,130	\$7,786,417	\$791,744	\$2,012,617	\$24,138,977
North Iowa Area	8,563,030	961,301	8,746,545	401,672	2,309,063	20,981,611
Iowa Lakes	8,629,970	779,888	8,076,172	474,325	1,954,689	19,915,044
Northwest	3,908,914	502,765	3,965,756	259,039	1,121,061	9,757,535
Iowa Central	13,779,283	1,049,840	8,716,683	629,719	1,471,897	25,647,422
Iowa Valley	9,210,655	678,310	7,697,799	258,255	1,767,228	19,612,247
Hawkeye	13,093,048	1,289,763	11,295,091	807,364	1,163,955	27,649,221
Eastern Iowa	16,237,614	2,031,250	13,968,730	1,206,151	2,152,608	35,596,353
Kirkwood	37,646,286	3,123,789	23,342,242	2,284,405	6,210,792	72,607,514
Des Moines Area	34,448,655	5,334,093	23,626,432	1,652,180	8,562,334	73,623,694
Western Iowa Tech	10,890,622	1,128,438	9,256,058	981,027	2,520,504	24,776,649
Iowa Western	14,371,674	1,207,571	9,349,224	535,387	1,118,003	26,581,859
Southwestern	3,944,003	434,367	4,015,574	251,633	881,153	9,526,730
Indian Hills	12,206,637	801,447	12,611,064	853,868	2,287,252	28,760,268
Southeastern	8,505,508	586,137	7,125,459	561,960	739,378	17,518,442
Total	\$207,459,968	\$21,433,089	\$159,579,246	\$11,948,729	\$36,272,534	\$436,693,566

NOTE: Other Income includes: Other State Aid, Sales & Services, and Other Income. Figures rounded to the nearest whole dollar. Each "|" denotes \$1,000,000.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-3: Unrestricted Fund Revenue by Source: 2008

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$12,234,089	\$1,556,224	\$8,472,001	\$774,726	\$2,318,828	\$25,355,868
North Iowa Area	9,359,960	984,974	9,282,134	335,559	2,167,069	22,129,697
Iowa Lakes	8,624,319	782,281	8,544,806	440,439	2,343,372	20,735,217
Northwest	4,350,371	508,640	4,200,810	228,385	1,022,338	10,310,544
Iowa Central	15,363,885	1,060,207	9,408,977	613,225	1,354,596	27,800,890
Iowa Valley	9,623,200	695,011	8,169,643	261,274	1,758,695	20,507,823
Hawkeye	14,167,513	1,314,249	12,077,303	979,422	937,104	29,475,591
Eastern Iowa	17,049,468	2,075,006	15,025,656	1,360,084	2,451,671	37,961,885
Kirkwood	39,697,420	3,180,989	25,854,970	2,041,167	6,634,768	77,409,314
Des Moines Area	38,029,641	5,539,836	25,758,739	1,613,443	10,318,155	81,259,814
Western Iowa Tech	11,109,514	1,133,927	9,918,232	883,703	2,437,107	25,482,483
Iowa Western	14,641,772	1,251,208	10,041,096	540,712	1,587,985	28,062,773
Southwestern	4,225,139	439,325	4,251,742	246,768	828,284	9,991,258
Indian Hills	13,372,979	810,659	13,348,554	843,578	1,742,812	30,118,582
Southeastern	8,802,868	591,223	7,607,749	553,301	844,514	18,399,655
Total	\$220,652,138	\$21,923,759	\$171,962,412	\$11,715,786	\$38,747,298	\$465,001,394

NOTE: Other Income includes: Other State Aid, Sales & Services, and Other Income. Figures rounded to the nearest whole dollar. Each “|” denotes \$1,000,000.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-4: Unrestricted Fund Revenue by Source: 2009

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$13,579,103	\$1,614,588	\$8,938,308	\$757,409	\$1,900,495	\$26,789,903
North Iowa Area	9,650,246	1,040,892	9,692,972	402,745	2,030,373	22,817,228
Iowa Lakes	9,334,279	871,238	8,909,838	454,741	2,331,421	21,901,517
Northwest	4,594,816	521,020	4,382,525	213,884	755,189	10,467,434
Iowa Central	17,475,618	1,134,542	9,842,430	647,356	1,109,491	30,209,437
Iowa Valley	10,517,933	713,152	8,526,524	225,041	1,570,149	21,552,799
Hawkeye	15,085,782	1,395,063	12,633,964	799,040	1,017,098	30,930,947
Eastern Iowa	17,904,976	2,178,010	15,724,371	1,293,136	2,723,686	39,824,179
Kirkwood	39,944,538	3,319,244	27,248,025	2,327,244	5,515,266	78,354,317
Des Moines Area	42,650,967	5,905,008	27,187,979	1,665,640	8,881,612	86,291,206
Western Iowa Tech	12,273,803	1,175,234	10,364,709	1,004,249	1,937,201	26,755,196
Iowa Western	16,633,660	1,343,301	10,525,503	511,100	1,331,999	30,345,563
Southwestern	4,341,789	459,557	4,437,793	247,663	686,859	10,173,661
Indian Hills	14,064,148	861,267	13,935,395	892,829	1,932,705	31,686,344
Southeastern	9,222,053	613,840	7,966,143	495,573	759,284	19,056,893
Total	\$237,273,711	\$23,145,956	\$180,316,479	\$11,937,650	\$34,482,828	\$487,156,624

Note: Figures rounded to the nearest whole dollar. Each "|" denotes \$1,000,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-5: Unrestricted Fund Revenue by Source: 2010

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$16,805,634	\$1,672,337	\$7,403,950	\$1,368,781	\$1,681,264	\$28,931,966
North Iowa Area	10,709,302	1,091,419	7,984,287	1,365,658	1,133,304	22,283,970
Iowa Lakes	11,317,508	909,009	7,350,772	1,411,535	2,906,048	23,894,872
Northwest	5,333,186	550,420	3,610,670	838,330	648,026	10,980,632
Iowa Central	19,753,501	1,184,796	8,100,924	2,054,228	998,395	32,091,844
Iowa Valley	11,786,223	761,734	7,029,131	1,310,844	1,327,409	22,215,341
Hawkeye	17,097,104	1,454,550	10,430,481	2,101,660	1,795,659	32,879,454
Eastern Iowa	21,220,731	2,271,841	12,978,019	3,492,310	1,622,142	41,585,043
Kirkwood*	48,469,761	3,468,726	22,467,762	5,936,171	3,671,174	84,013,594
Des Moines Area	52,266,894	6,253,569	22,457,604	5,683,327	8,779,206	95,440,600
Western Iowa Tech	15,371,432	1,231,359	8,534,499	2,471,720	1,940,972	29,549,982
Iowa Western	18,279,735	1,420,797	8,688,653	1,360,563	1,028,700	30,778,448
Southwestern	5,111,979	481,932	3,660,905	881,980	1,422,789	11,559,585
Indian Hills	17,044,910	896,900	11,485,348	2,858,875	1,614,146	33,900,179
Southeastern	10,008,564	637,815	6,571,228	1,768,960	688,025	19,674,592
Total	\$280,576,464	\$24,287,204	\$148,754,233	\$34,904,942	\$31,257,259	\$519,780,102

Note: Kirkwood figures are preliminary, unaudited numbers. Other Income includes: Other State Aid (8.53%), Sales & Services (15.10%), and Other Income (76.37%). Figures rounded to the nearest whole dollar. Each "I" denotes \$1,000,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-5: Unrestricted Fund Revenue by Source: 2011

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$17,119,131	\$1,749,157	\$7,888,456	\$1,337,359	\$1,870,331	\$29,964,434
North Iowa Area	11,626,515	1,138,152	8,408,384	689,235	1,164,465	23,026,751
Iowa Lakes	11,601,597	969,953	7,736,495	775,661	2,553,909	23,637,615
Northwest	5,743,852	589,246	3,801,124	201,606	583,486	10,919,314
Iowa Central	22,122,195	1,265,771	8,735,448	640,597	981,917	33,745,928
Iowa Valley	12,414,962	785,324	7,404,286	507,112	1,418,912	22,530,596
Hawkeye	19,021,047	1,494,466	11,051,482	1,369,289	1,601,823	34,538,107
Eastern Iowa	23,436,173	2,326,779	13,756,305	1,278,838	1,379,408	42,177,503
Kirkwood	54,284,378	3,631,446	24,263,489	2,168,328	6,051,831	90,399,472
Des Moines Area	59,098,106	6,539,506	24,481,690	1,775,181	7,884,455	99,778,938
Western Iowa Tech	17,292,879	1,289,682	9,025,883	966,796	2,008,381	30,583,621
Iowa Western	20,654,400	1,537,006	9,294,922	1,236,104	800,416	33,522,848
Southwestern	5,561,339	497,927	3,860,407	245,648	993,981	11,159,302
Indian Hills	18,767,263	935,302	12,096,214	821,185	1,551,017	34,170,981
Southeastern	9,889,223	656,702	6,949,647	465,513	663,503	18,624,588
Total	\$308,633,060	\$25,406,419	\$158,754,232	\$14,478,452	\$31,507,835	\$538,779,998

Note: Figures rounded to the nearest whole dollar. Each “|” denotes \$1,000,000. Source: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-7: Expenditures by Category: 2007

College	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$19,427,513	\$2,251,392	\$914,120	\$810,576	\$72,079	\$23,475,680
North Iowa Area	14,621,298	3,543,725	1,525,659	1,061,236	73,530	20,825,448
Iowa Lakes	14,868,241	2,694,804	1,220,385	968,583	174,828	19,926,841
Northwest	6,677,552	1,113,428	749,677	1,083,318	60,391	9,684,366
Iowa Central	17,369,040	4,457,761	2,249,823	1,258,636	226,766	25,562,026
Iowa Valley	13,947,569	3,313,030	1,045,654	1,209,170	60,488	19,575,911
Hawkeye	22,040,496	3,599,027	1,419,778	265,813	310,713	27,635,827
Eastern Iowa	25,639,945	6,152,399	1,903,465	816,836	894,659	35,407,304
Kirkwood	52,067,346	8,911,903	5,234,232	3,205,273	2,096,871	71,515,625
Des Moines Area	57,681,116	5,976,027	6,181,019	3,356,926	311,312	73,506,400
Western Iowa Tech	17,171,482	3,866,042	1,468,083	2,082,400	84,932	24,672,939
Iowa Western	18,447,729	3,826,973	1,683,896	2,112,436	262,932	26,333,966
Southwestern	7,002,023	1,455,056	688,414	286,310	25,754	9,457,557
Indian Hills	22,465,613	3,240,536	1,994,225	673,556	169,935	28,543,865
Southeastern	12,969,277	2,397,409	1,136,613	793,065	172,220	17,468,584
Total	\$322,396,240	\$56,799,512	\$29,415,043	\$19,984,134	\$4,997,410	\$433,592,339

NOTE: Figures rounded to the nearest dollar. Each " " denotes \$1,000,000.

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-8: Expenditures by Category: 2008

College	Salaries	Services	Mats, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$20,519,701	\$2,623,104	\$982,465	\$849,565	\$92,059	\$25,066,893
North Iowa Area	15,549,139	3,820,027	1,771,021	1,018,274	25,000	22,183,461
Iowa Lakes	16,119,690	2,668,229	1,168,891	1,015,855	109,715	21,082,380
Northwest	6,979,521	1,348,926	749,529	1,120,476	94,536	10,292,987
Iowa Central	19,010,114	4,185,694	2,349,465	1,929,593	263,725	27,738,591
Iowa Valley	14,645,664	3,469,553	1,034,371	933,268	3,000	20,085,856
Hawkeye	22,662,088	3,649,313	2,013,827	441,090	282,970	29,049,288
Eastern Iowa	27,598,238	6,841,888	1,586,753	929,788	761,601	37,718,268
Kirkwood	54,677,928	11,778,853	5,410,154	3,612,729	1,034,562	76,514,226
Des Moines Area	63,940,148	6,498,045	6,272,303	4,009,079	310,445	81,030,019
Western Iowa Tech	18,338,685	4,366,978	1,410,315	1,266,234	156,594	25,538,806
Iowa Western	20,138,647	3,760,336	1,617,303	2,397,017	162,017	28,075,320
Southwestern	7,307,252	1,738,783	712,837	286,858	9,240	10,054,970
Indian Hills	23,423,856	3,631,635	1,988,687	589,579	12,480	29,646,237
Southeastern	14,089,666	2,311,729	953,579	806,876	152,819	18,314,669
Total	\$345,000,337	\$62,693,093	\$30,021,500	\$21,206,281	\$3,470,763	\$462,391,971

NOTE: Figures rounded to the nearest dollar. Each "I" denotes \$1,000,000.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-9: Expenditures by Category: 2009

College	Salaries	Services	Matis, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$22,454,355	\$2,690,480	\$964,518	\$423,050	\$90,834	\$26,623,237
North Iowa Area	16,110,496	2,692,302	1,583,061	1,685,211	172,224	22,243,294
Iowa Lakes	16,838,867	2,816,174	1,027,225	948,195	461,345	22,091,806
Northwest	7,390,495	1,234,944	892,806	948,244	0	10,466,489
Iowa Central	19,815,446	4,838,206	2,675,574	2,451,442	235,712	30,016,380
Iowa Valley	15,454,638	3,521,548	951,240	1,439,875	22,797	21,390,098
Hawkeye	24,025,950	4,108,026	1,492,371	785,767	272,789	30,684,909
Eastern Iowa	29,085,633	6,743,809	1,372,776	1,578,255	993,648	39,774,121
Kirkwood	57,867,595	10,952,655	5,556,941	1,655,103	1,144,204	77,176,498
Des Moines Area	69,318,170	6,591,444	5,288,515	3,401,908	168,777	84,768,814
Western Iowa Tech	18,514,837	4,289,615	1,753,980	1,876,807	98,082	26,533,321
Iowa Western	21,550,934	4,231,163	1,721,766	2,326,946	188,404	30,019,213
Southwestern	7,668,978	1,536,078	634,321	286,552	2,550	10,128,479
Indian Hills	24,713,500	3,522,665	2,013,482	801,308	254,914	31,305,869
Southeastern	14,668,545	2,477,541	1,087,600	588,429	121,002	18,943,117
Total	\$365,478,439	\$62,246,650	\$29,016,182	\$21,197,092	\$4,227,282	\$482,165,645

NOTE: Figures rounded to the nearest dollar. Each "I" denotes \$1,000,000. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-10: Expenditures by Category: 2010

College	Salaries	Services	Mats, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$22,094,125	\$2,979,990	\$971,669	\$1,703,734	\$45,070	\$27,794,588
North Iowa Area	15,859,564	2,868,231	1,140,326	599,699	50,861	20,518,681
Iowa Lakes	17,123,092	3,411,314	1,054,511	1,010,306	308,272	22,907,495
Northwest	7,534,025	1,141,922	732,050	1,537,066	0	10,945,063
Iowa Central	20,915,565	5,006,237	3,263,496	2,644,263	177,173	32,006,734
Iowa Valley	15,096,113	3,550,963	975,205	1,859,481	83,253	21,565,015
Hawkeye	21,984,865	4,590,665	1,855,770	1,040,691	440,659	29,912,650
Eastern Iowa	28,765,050	7,835,923	1,724,080	1,151,192	1,991,187	41,467,432
Kirkwood*	61,091,592	11,080,318	4,504,014	3,327,717	1,465,783	81,469,424
Des Moines Area	73,835,028	6,698,565	6,161,446	5,380,737	190,810	92,266,586
Western Iowa Tech	18,636,036	4,505,991	1,793,222	4,013,334	81,620	29,030,203
Iowa Western	21,564,418	4,288,470	1,522,463	2,308,943	411,070	30,095,364
Southwestern	7,700,100	1,606,766	615,139	1,332,488	171,882	11,426,375
Indian Hills	24,830,156	3,384,080	1,857,676	2,986,908	114,912	33,173,732
Southeastern	14,736,533	2,236,363	974,285	1,262,325	390,691	19,600,197
Total	\$371,766,262	\$65,185,798	\$29,145,352	\$32,158,884	\$5,923,243	\$504,179,539

Note: Kirkwood figures are preliminary, unaudited numbers. Figures rounded to the nearest dollar. Each “|” denotes \$1,000,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-10: Expenditures by Category: 2011

College	Salaries	Services	Mats, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$22,812,489	\$3,327,574	\$1,109,069	\$1,443,470	\$0	\$28,692,602
North Iowa Area	15,891,871	3,978,965	1,354,899	944,037	40,329	22,210,101
Iowa Lakes	17,463,912	3,203,542	1,242,832	993,009	462,226	23,365,521
Northwest	7,761,782	1,344,623	761,548	1,039,620	0	10,907,573
Iowa Central	22,230,715	5,676,018	3,195,381	1,946,084	507,542	33,555,740
Iowa Valley	15,225,273	3,748,059	1,050,320	2,346,107	31,394	22,401,153
Hawkeye	22,380,170	5,783,052	2,258,930	1,303,160	980,206	32,705,518
Eastern Iowa	30,121,321	7,989,769	1,639,814	1,190,212	1,069,209	42,010,325
Kirkwood	64,615,252	13,351,459	5,523,784	2,884,419	1,162,281	87,537,195
Des Moines Area	79,235,636	7,574,555	5,989,534	6,409,299	427,523	99,636,547
Western Iowa Tech	20,293,771	5,356,990	2,038,010	2,440,331	63,669	30,192,771
Iowa Western	22,537,717	5,012,849	1,802,012	3,727,663	254,288	33,334,529
Southwestern	8,050,998	1,873,057	815,128	448,665	25,585	11,213,433
Indian Hills	25,504,901	3,950,260	2,418,902	681,864	197,768	32,753,695
Southeastern	14,590,339	2,422,110	905,411	511,314	166,928	18,596,102
Total	\$388,716,147	\$74,592,882	\$32,105,574	\$28,309,254	\$5,388,948	\$529,112,805

Note: Figures rounded to the nearest dollar. Each "I" denotes \$1,000,000. Source: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-12: Expenditures by Function: 2007

College	Arts & Sciences	Vocational/Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	\$4,305,115	\$7,207,181	\$2,386,668	\$2,344,232	\$1,229,762	\$1,487,421	\$402,547	\$1,241,898	\$2,870,856	\$23,475,680
North Iowa Area	5,749,392	2,939,965	3,477,734	27,937	1,461,893	2,781,503	524,264	2,188,102	1,674,658	20,825,448
Iowa Lakes	5,854,389	3,961,473	786,094	1,029,776	907,987	1,410,652	1,415,361	1,616,294	2,944,815	19,926,841
Northwest	990,575	3,289,195	726,214	10,000	636,712	748,640	178,303	621,207	2,483,520	9,684,366
Iowa Central	5,506,274	4,671,881	2,427,812	1,375,553	1,267,048	3,221,930	300,293	3,439,497	3,351,738	25,562,026
Iowa Valley	5,905,296	2,544,029	2,856,035	0	1,428,217	1,975,011	504,032	2,179,716	2,183,575	19,575,911
Hawkeye	6,041,750	7,942,306	2,366,687	0	1,831,346	2,065,898	786,250	3,106,748	3,494,842	27,635,827
Eastern Iowa	9,027,386	7,242,884	3,553,920	803,392	1,803,535	3,361,180	908,242	3,620,914	5,085,851	35,407,304
Kirkwood	19,116,410	18,306,737	8,237,422	398,753	3,502,876	4,152,397	2,578,546	10,341,126	4,881,358	71,515,625
Des Moines Area	17,860,684	21,640,981	5,521,475	162,186	2,995,411	5,901,885	2,621,957	8,208,865	8,592,956	73,506,400
Western Iowa Tech	3,264,929	7,042,056	1,800,572	372,250	1,691,613	1,570,882	287,611	3,696,777	4,946,249	24,672,939
Iowa Western	5,754,836	5,275,299	2,083,975	850,482	2,448,359	2,486,847	290,411	3,951,378	3,192,379	26,333,966
Southwestern	2,311,045	2,039,078	705,059	21,528	775,931	918,822	178,529	1,407,669	1,099,896	9,457,557
Indian Hills	4,658,286	9,342,393	2,025,597	93,420	1,523,719	3,046,111	854,279	3,127,141	3,872,919	28,543,865
Southeastern	3,728,478	3,860,203	1,306,560	708,522	1,381,316	1,789,698	403,141	1,748,227	2,542,439	17,468,584
Total	\$100,074,845	\$107,305,661	\$40,261,824	\$8,198,031	\$24,885,725	\$36,918,877	\$12,233,766	\$50,495,559	\$53,218,051	\$433,592,339

NOTE: Figures rounded to the nearest dollar. Each "||" denotes \$1,000,000.
 SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-13: Expenditures by Function: 2008

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	\$3,134,280	\$8,512,933	\$2,391,824	\$2,499,161	\$1,801,854	\$1,650,781	\$426,674	\$1,505,297	\$3,144,090	\$25,066,894
North Iowa Area	6,133,118	3,488,411	3,546,631	42,212	1,430,961	3,009,847	518,989	2,257,005	1,756,287	22,183,461
Iowa Lakes	6,218,531	4,222,454	835,184	1,078,980	998,320	1,609,471	1,499,013	1,681,503	2,938,924	21,082,380
Northwest	1,111,524	3,521,456	752,943	0	690,889	739,662	183,870	698,498	2,594,146	10,292,988
Iowa Central	6,455,922	5,041,491	2,384,653	1,472,579	1,288,398	3,156,701	270,818	3,192,319	4,475,710	27,738,591
Iowa Valley	6,482,511	2,686,772	2,944,218	0	1,208,361	2,118,706	485,313	2,036,316	2,123,657	20,085,854
Hawkeye	5,850,308	8,225,880	2,121,383	0	2,188,262	2,215,571	801,075	2,961,248	4,685,559	29,049,286
Eastern Iowa	9,656,283	7,489,899	3,927,910	863,988	1,994,894	3,478,404	874,700	3,932,362	5,499,827	37,718,267
Kirkwood	19,992,119	19,238,419	8,605,653	472,966	4,151,848	4,589,992	2,428,110	11,788,932	5,246,186	76,514,225
Des Moines Area	20,013,466	23,791,578	6,338,256	0	3,594,487	6,533,916	2,682,552	8,660,422	9,415,343	81,030,020
Western Iowa Tech	3,429,989	7,414,767	2,012,396	350,504	1,379,139	2,040,159	479,021	3,189,776	5,243,055	25,538,806
Iowa Western	6,385,068	5,556,940	2,142,753	904,391	2,802,868	2,859,584	264,751	3,750,598	3,408,367	28,075,320
Southwestern	2,346,104	2,134,766	749,114	18,662	872,179	1,002,307	183,177	1,616,398	1,132,263	10,054,970
Indian Hills	4,646,008	9,607,609	2,251,322	89,182	1,554,901	3,303,044	872,263	3,373,801	3,948,107	29,646,237
Southeastern	4,010,158	4,230,667	1,203,686	786,759	1,491,721	1,838,072	426,645	1,698,132	2,628,829	18,314,669
Total	\$105,865,389	\$115,164,042	\$42,207,926	\$8,579,384	\$27,449,082	\$40,146,217	\$12,396,971	\$52,342,607	\$58,240,350	\$462,391,968

NOTE: Figures rounded to the nearest dollar. Each "||" denotes \$1,000,000.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-14: Expenditures by Function: 2009

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Prgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	\$5,646,883	\$6,582,362	\$2,448,957	\$2,587,945	\$2,272,377	\$1,773,720	\$533,150	\$1,714,366	\$3,063,477	\$26,623,237
North Iowa Area	6,756,614	3,741,399	2,309,758	39,853	1,525,764	3,225,467	549,150	2,251,048	1,844,240	22,243,293
Iowa Lakes	6,287,148	4,279,474	840,254	1,117,642	1,028,971	2,170,945	1,431,155	2,221,862	2,714,355	22,091,806
Northwest	1,188,901	3,802,760	792,932	0	647,070	791,575	184,932	747,012	2,311,307	10,466,489
Iowa Central	7,027,778	5,340,666	2,350,947	1,447,283	1,371,585	3,282,042	293,611	3,819,970	5,082,498	30,016,380
Iowa Valley	6,944,467	2,800,797	2,662,175	0	1,570,686	2,266,634	532,663	2,369,288	2,243,388	21,390,098
Hawkeye	6,638,554	8,785,375	748,160	1,484,343	2,329,717	2,418,228	799,825	3,200,633	4,280,074	30,684,909
Eastern Iowa	10,218,327	7,926,596	4,199,576	885,552	1,772,094	3,528,450	854,263	4,637,483	5,751,780	39,774,121
Kirkwood	21,264,698	18,901,685	8,872,158	544,728	4,273,345	4,811,662	3,253,722	9,673,773	5,580,723	77,176,494
Des Moines Area	21,765,047	24,580,325	6,843,614	0	3,518,176	6,719,279	2,723,074	8,421,184	10,198,115	84,768,814
Western Iowa Tech	3,815,742	7,421,280	1,791,785	394,682	1,696,748	1,824,026	335,173	3,869,109	5,384,776	26,533,321
Iowa Western	7,033,322	5,922,814	2,266,125	915,551	2,839,924	3,090,421	264,972	4,068,614	3,617,470	30,019,213
Southwestern	2,475,716	2,132,710	774,376	16,897	803,108	1,033,612	175,021	1,516,765	1,200,274	10,128,479
Indian Hills	4,941,796	10,081,050	2,104,963	93,270	1,716,936	3,493,592	831,981	3,597,932	4,444,349	31,305,869
Southeastern	4,101,708	4,398,057	1,226,137	829,853	1,503,667	1,982,304	441,813	1,805,256	2,654,322	18,943,117
Total	\$116,106,701	\$116,697,350	\$40,231,917	\$10,357,599	\$28,870,168	\$42,411,957	\$13,204,505	\$53,914,295	\$60,371,148	\$482,165,640

NOTE: Figures rounded to the nearest dollar. Each "|||" denotes \$1,000,000. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-15: Expenditures by Function: 2010

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Prgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	\$5,687,368	\$6,886,125	\$2,617,493	\$2,566,780	\$1,922,859	\$1,731,485	\$537,409	\$1,969,159	\$3,875,910	\$27,794,588
North Iowa Area	6,213,303	3,421,900	1,950,687	46,608	1,461,790	2,901,135	529,619	2,269,401	1,724,238	20,518,681
Iowa Lakes	6,862,449	4,456,540	843,913	1,170,702	1,028,056	1,731,117	1,226,906	1,966,021	3,621,791	22,907,495
Northwest	1,220,584	3,951,185	724,791	0	676,411	820,054	170,355	727,093	2,654,590	10,945,063
Iowa Central	7,573,569	5,904,147	1,943,400	1,003,162	1,562,802	3,507,242	315,758	4,801,925	5,394,729	32,006,734
Iowa Valley	6,857,930	2,914,870	2,421,300	0	1,901,601	2,006,822	403,880	2,616,131	2,442,481	21,565,015
Hawkeye	6,128,388	8,642,517	745,082	963,901	2,657,996	2,383,516	762,632	2,863,339	4,765,279	29,912,650
Eastern Iowa	10,294,958	8,186,695	4,311,707	903,393	1,924,169	3,564,741	828,211	4,056,043	7,397,515	41,467,432
Kirkwood*	22,653,731	19,821,887	9,164,466	550,244	5,732,777	4,845,435	3,189,986	9,790,483	5,720,415	81,469,424
Des Moines Area	23,591,330	26,845,772	6,608,336	0	3,847,013	7,071,094	2,821,836	10,446,955	11,034,250	92,266,586
Western Iowa Tech	4,005,301	7,412,169	1,833,728	330,696	1,735,792	1,841,323	324,695	5,786,706	5,759,793	29,030,203
Iowa Western	7,529,436	5,369,424	2,121,435	228,402	3,167,715	3,430,260	257,828	4,058,048	3,932,817	30,095,365
Southwestern	2,604,413	2,091,261	679,796	15,833	936,022	1,070,079	183,771	1,493,265	2,351,935	11,426,375
Indian Hills	4,967,878	10,392,813	1,594,966	160,015	3,962,444	3,557,181	717,093	3,431,395	4,389,947	33,173,732
Southeastern	4,126,810	4,538,936	1,205,233	909,923	1,361,810	1,976,186	451,190	1,775,974	3,254,135	19,600,197
Total	\$120,317,448	\$120,836,241	\$38,766,333	\$8,849,659	\$33,879,257	\$42,437,670	\$12,721,169	\$58,051,938	\$68,319,825	\$504,179,540

Note: Kirkwood figures are preliminary, unaudited numbers. Figures rounded to the nearest dollar. Each “|” denotes \$1,000,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, AS-15E.

Table 15-15: Expenditures by Function: 2011

College	Arts & Sciences	Vocational/Technical	Adult Education	Cooperative		Student Services	Learning Resources	Physical Plant	General Institution	Total
				Pgms/Svcs.	Administration					
Northeast	\$5,687,368	\$6,886,125	\$2,617,493	\$2,566,780	\$1,922,859	\$1,731,485	\$537,409	\$1,969,159	\$3,875,910	\$27,794,588
North Iowa Area	6,213,303	3,421,900	1,950,687	46,608	1,461,790	2,901,135	529,619	2,269,401	1,724,238	20,518,681
Iowa Lakes	6,862,449	4,456,540	843,913	1,170,702	1,028,056	1,731,117	1,226,906	1,966,021	3,621,791	22,907,495
Northwest	1,220,584	3,951,185	724,791	0	676,411	820,054	170,355	727,093	2,654,590	10,945,063
Iowa Central	7,573,569	5,904,147	1,943,400	1,003,162	1,562,802	3,507,242	315,758	4,801,925	5,394,729	32,006,734
Iowa Valley	6,857,930	2,914,870	2,421,300	0	1,901,601	2,006,822	403,880	2,616,131	2,442,481	21,565,015
Hawkeye	6,128,388	8,642,517	745,082	963,901	2,657,996	2,383,516	762,632	2,863,339	4,765,279	29,912,650
Eastern Iowa	10,294,958	8,186,695	4,311,707	903,393	1,924,169	3,564,741	828,211	4,056,043	7,397,515	41,467,432
Kirkwood	22,653,731	19,821,887	9,164,466	550,244	5,732,777	4,845,435	3,189,986	9,790,483	5,720,415	81,469,424
Des Moines Area	23,591,330	26,845,772	6,608,336	0	3,847,013	7,071,094	2,821,836	10,446,955	11,034,250	92,266,586
Western Iowa Tech	4,005,301	7,412,169	1,833,728	330,696	1,735,792	1,841,323	324,695	5,786,706	5,759,793	29,030,203
Iowa Western	7,529,436	5,369,424	2,121,435	228,402	3,167,715	3,430,260	257,828	4,058,048	3,932,817	30,095,365
Southwestern	2,604,413	2,091,261	679,796	15,833	936,022	1,070,079	183,771	1,493,265	2,351,935	11,426,375
Indian Hills	4,967,878	10,392,813	1,594,966	160,015	3,962,444	3,557,181	717,093	3,431,395	4,389,947	33,173,732
Southeastern	4,126,810	4,538,936	1,205,233	909,923	1,361,810	1,976,186	451,190	1,775,974	3,254,135	19,600,197
Total	\$120,317,448	\$120,836,241	\$38,766,333	\$8,849,659	\$33,879,257	\$42,437,670	\$12,721,169	\$58,051,938	\$68,319,825	\$504,179,540

Note: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each “|” denotes \$1,000,000. Source: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-17: Full-Time Equivalent Enrollment (FTEE): 2007

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	
Northeast	92,109	3,837.88	403,177	671.96	4,509.84
North Iowa Area	66,021	2,750.88	460,871	768.12	3,518.99
Iowa Lakes	71,587	2,982.79	80,251	133.75	3,116.54
Northwest	28,509	1,187.88	255,644	426.07	1,613.95
Iowa Central	108,405	4,516.88	487,177	811.96	5,328.84
Iowa Valley	62,105	2,587.71	341,901	569.84	3,157.54
Hawkeye	127,104	5,296.00	332,516	554.19	5,850.19
Eastern Iowa	149,251	6,218.79	758,491	1,264.15	7,482.94
Kirkwood	351,067	14,627.79	919,676	1,532.79	16,160.59
Des Moines Area	345,204	14,383.50	1,745,201	2,908.67	17,292.17
Western Iowa Tech	101,623	4,234.29	351,401	585.67	4,819.96
Iowa Western	114,618	4,775.75	437,562	729.27	5,505.02
Southwestern	32,455	1,352.29	203,478	339.13	1,691.42
Indian Hills	107,736	4,489.00	324,423	540.71	5,029.71
Southeastern	73,360	3,056.67	216,337	360.56	3,417.23
Total	1,831,154	76,298.10	7,318,105	12,196.84	88,494.93

NOTE: Each “|” denotes 10,000 students.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 15-18: Full-Time Equivalent Enrollment (FTEE): 2008

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	
Northeast	97,481	4,061.71	338,129	563.55	4,625.26
North Iowa Area	68,219	2,842.46	435,744	726.24	3,568.70
Iowa Lakes	69,415	2,892.29	83,578	139.30	3,031.59
Northwest	29,668	1,236.17	224,563	374.27	1,610.44
Iowa Central	117,385	4,891.04	526,377	877.29	5,768.33
Iowa Valley	61,988	2,582.83	321,244	535.41	3,118.24
Hawkeye	126,222	5,259.25	313,813	523.02	5,782.27
Eastern Iowa	149,518	6,229.92	825,888	1,376.48	7,606.40
Kirkwood	337,606	14,066.92	914,090	1,523.48	15,590.40
Des Moines Area	371,161	15,465.04	1,631,203	2,718.67	18,183.71
Western Iowa Tech	99,937	4,164.04	381,868	636.45	4,800.49
Iowa Western	114,261	4,760.88	469,274	782.12	5,543.00
Southwestern	32,228	1,342.83	212,347	353.91	1,696.74
Indian Hills	109,797	4,574.88	304,986	508.31	5,083.19
Southeastern	74,034	3,084.75	251,686	419.48	3,504.23
Total	1,858,920	77,455.01	7,234,790	12,057.98	89,512.99

NOTE: Each “|” denotes 10,000 students.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 15-19: Full-Time Equivalent Enrollment (FTEE): 2009

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	
Northeast	102,771	4,282.13	385,162	641.94	4,924.06
North Iowa Area	74,898	3,120.75	416,916	694.86	3,815.61
Iowa Lakes	71,822	2,992.58	93,215	155.36	3,147.94
Northwest	29,557	1,231.54	206,581	344.30	1,575.84
Iowa Central	12,712	5,113.00	513,752	856.25	5,969.25
Iowa Valley	66,248	2,760.33	309,611	516.02	3,276.35
Hawkeye	127,914	5,329.75	308,028	513.38	5,843.13
Eastern Iowa	152,300	6,345.83	912,705	1,521.18	7,867.01
Kirkwood	342,517	14,271.54	1,043,749	1,739.58	16,011.12
Des Moines Area	394,903	16,454.29	1,403,672	2,339.45	18,793.75
Western Iowa Tech	96,902	4,037.58	419,720	699.53	4,737.12
Iowa Western	122,700	5,112.50	479,292	798.82	5,911.32
Southwestern	32,217	1,342.38	220,421	367.37	1,709.74
Indian Hills	114,089	4,753.71	292,528	487.55	5,241.26
Southeastern	75,816	3,159.00	220,035	366.73	3,525.73
Total	1,817,366	80,306.92	7,225,387	12,042.31	92,349.23

Note: Each “|” denotes 10,000 students. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 15-20: Full-Time Equivalent Enrollment (FTEE): 2010

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	
Northeast	118,145	4,922.71	364,047	606.75	5,529.45
North Iowa Area	80,476	3,353.17	292,595	487.66	3,840.83
Iowa Lakes	84,096	3,504.00	75,911	126.52	3,630.52
Northwest	35,260	1,469.17	205,574	342.62	1,811.79
Iowa Central	135,546	5,647.75	487,751	812.92	6,460.67
Iowa Valley	73,990	3,082.92	282,042	470.07	3,552.99
Hawkeye	141,643	5,901.79	227,094	378.49	6,280.28
Eastern Iowa	182,627	7,609.46	922,253	1,537.09	9,146.55
Kirkwood	397,813	16,575.54	993,414	1,655.69	18,231.23
Des Moines Area	478,186	19,924.42	1,444,779	2,407.97	22,332.38
Western Iowa Tech	111,094	4,628.92	494,761	824.60	5,453.52
Iowa Western	139,617	5,817.38	464,254	773.76	6,591.13
Southwestern	36,586	1,524.40	208,335	347.22	1,871.62
Indian Hills	135,617	5,650.71	277,569	462.62	6,113.32
Southeastern	86,245	3,593.54	222,512	370.85	3,964.40
Total	2,236,941	93,205.85	6,962,891	11,604.82	104,810.67

Note: Each “|” denotes 10,000 students. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 15-21: Full-Time Equivalent Enrollment (FTEE): 2011

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	
Northeast	112,593	4,691.38	351,993	586.66	5,278.03
North Iowa Area	78,489	3,270.38	153,607	256.01	3,526.39
Iowa Lakes	85,787	3,574.46	74,627	124.38	3,698.84
Northwest	35,842	1,493.42	218,949	364.92	1,858.33
Iowa Central	145,112	6,046.33	412,257	687.10	6,733.43
Iowa Valley	74,486	3,103.58	252,415	420.69	3,524.28
Hawkeye	145,035	6,043.13	245,219	408.70	6,451.82
Eastern Iowa	192,597	8,024.88	842,727	1,404.55	9,429.42
Kirkwood	406,155	16,923.13	981,877	1,636.46	18,559.59
Des Moines Area	499,585	20,816.04	1,347,484	2,245.81	23,061.85
Western Iowa Tech	124,995	5,208.13	565,987	943.31	6,151.44
Iowa Western	154,220	6,425.83	439,440	732.40	7,158.23
Southwestern	39,082	1,628.42	193,580	322.63	1,951.05
Indian Hills	139,839	5,826.63	238,726	397.88	6,224.50
Southeastern	80,883	3,370.13	164,220	273.70	3,643.83
Total	2,314,700	96,445.83	6,483,108	10,805.18	107,251.01

NOTE: Each “|” denotes 10,000 students. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

16

HUMAN RESOURCES

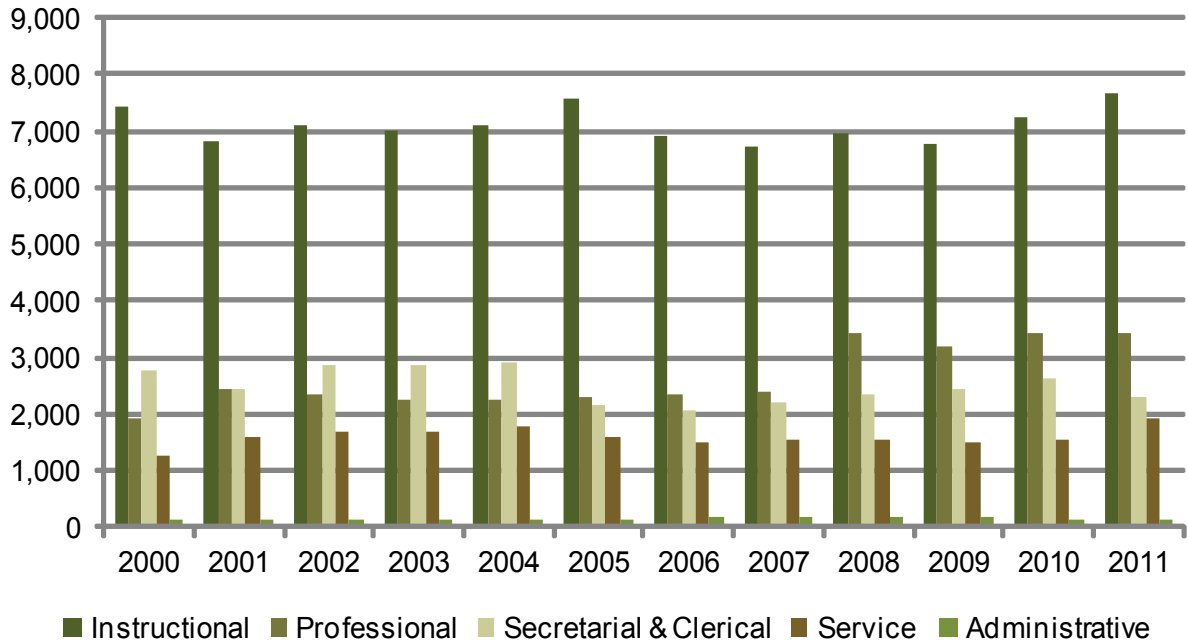
During fiscal year 2011, Iowa community colleges had 13,770 employees, which included administrative, instructional, professional, secretarial and clerical, and service. Some employees were included in more than one reporting category; for example, an administrator who might also teach a course. Thus, there were 15,479 full-time, part-time, temporary, and adjunct positions reported in 2011. 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 increased by 1.5 percent from 2010, the professional composition of community college employees remained relatively the same for the past six years. The largest group was instructional (49.5%), followed by professional (22.2%), secretarial and clerical (14.9%), service (12.5%), and administrative (0.9%). Before 2005, secretarial and clerical staff outnumbered professional staff (Figure 16-1).

COMMUNITY COLLEGE EMPLOYEES	
NUMBER OF EMPLOYEES:	CHANGE SINCE LAST YEAR:
13,770	↑ 1.5%
FACULTY, POSITIONS:	FACULTY OF ALL EMPLOYEES:
7,666	49.5%
Up 5.6% since 2010	Up 1.2% since 2010

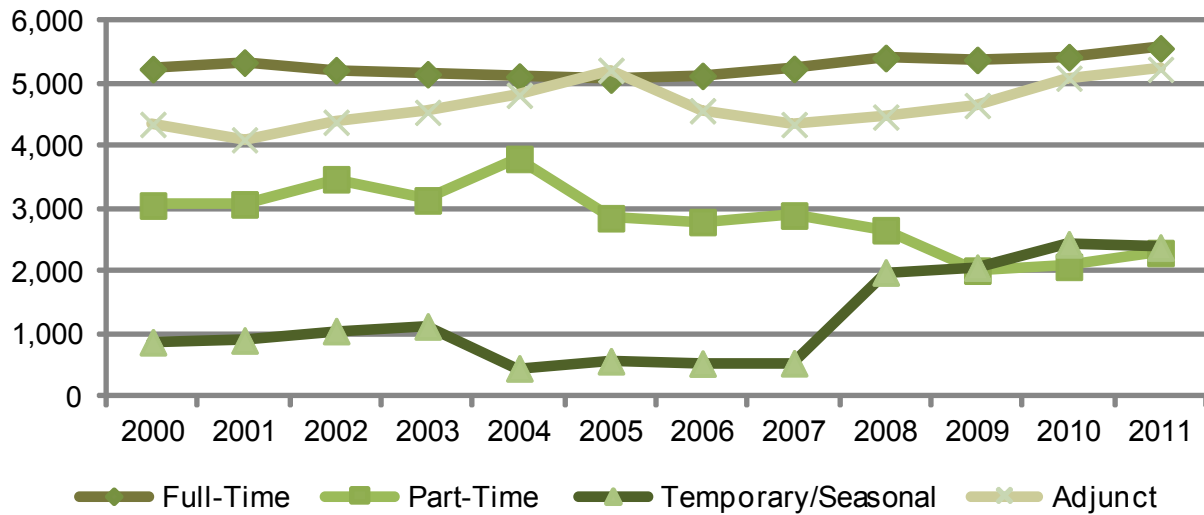
The distribution by the type of employment also demonstrated relative stability throughout 11 years since the tracking began. Full-time employment was prevalent, with close to 32 percent of all employment in 2011. The number of adjuncts steadily grew since 2006, and comprised 30 percent of all staff in 2011, while in 2005 adjuncts outnumbered full-time employees, the only time in the MIS history. Numbers for temporary/seasonal staff demonstrated dramatic change in 2008, from 542 to 1,990 employees — a 353 percent increase, peaked in 2010 and slightly declined in 2011 (Figure 16-2).

Figure 16-1: Iowa Community Colleges Employees by Position Type: 2000-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 16-1.

Figure 16-2: Employment by Type: 2000-2011



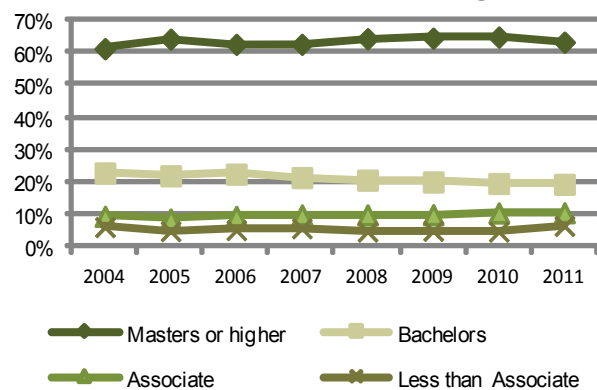
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 16-1.

Employees Education and Demographics

Iowa community college instructors and administrators have continuously improved their education. The number of instructors and administrators with doctoral degrees demonstrated a steady growth between 2004 and 2011, from 201 to 244 (18%). Before 2006, the numbers for masters degree or higher fluctuated between 49 percent and 64 percent, but since 2006 they slowly grew to a record high 64.9 percent in 2010. In 2011, however, this number dropped back to 63 percent. The number of bachelor's degree instructors and administrators increased close to five percent in 2011, and the number of associate's degree holders grew steadily between 2005 and 2011. (Figure 16-3).

A typical community college instructor, as with prior

Figure 16-3: Instructors and Administrators Degrees



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, for the latest five years, see Tables 16-2 and 16.3.

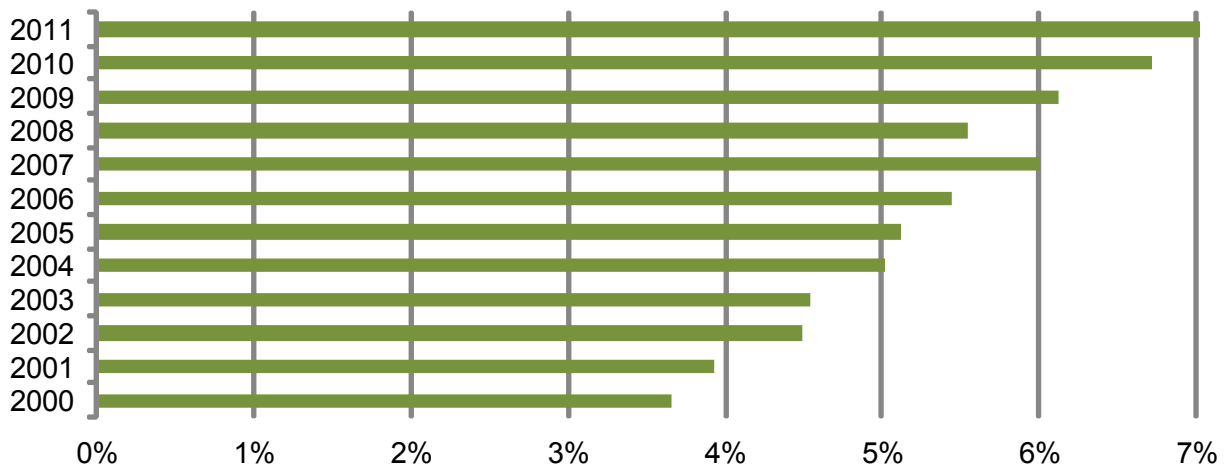
years, was female, 48.5 years of age, and white. The percent of racial/ethnic minorities grew between 2010 and 2011 from 6.7 to 7, and the 12-year comparison demonstrated a steady increase in the number of racial/ethnic minorities among Iowa community college employees. The average growth between 2000 and 2011 was 5.3 percent (Figure 16-4).

The distribution within the racial minorities was not as linear. While the percentage of American Indians remained relatively stable throughout 12 years of reporting, Asians demonstrated increases and declines, and both Hispanics and blacks showed steady growth: in 12 years, their numbers more than doubled. Blacks represented the largest racial minority group of employees (43.8 percent of all racial minorities), and demonstrated the fastest growth, 8.4 percent between 2000 and 2011, outpacing Hispanics for the second consecutive year. Before 2010, Hispanics were the fastest growing

TYPICAL COMMUNITY COLLEGE INSTRUCTOR



Figure 16-4: Percent of Racial Minorities Among Employees: 2000-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Tables 16-23 through 16-27 for five years of data.

minority since 2000: they grew 7.5 percent between the same years (Figure 16-5).

Gender composition of Iowa community college employees remained stable. In 2000, the females composed close to 58 percent, and in 2011 they were 58.8 percent of all employees (Figure 16-6).

In 2011, the age distribution of Iowa community college employees presented a wide palette of groups, from teen years to early eighties. The largest groups were among those between 19-21 and 49-61, peaking at 57. Together, these two groups represent over 37 percent of all community college employees. The average age of community college employees was 45.9 years old, and the median age was 47.1 years-old (Figure 16-7).

Distributed among seven age groups, from under 17 to over 55, the largest group of employees in 2011 was

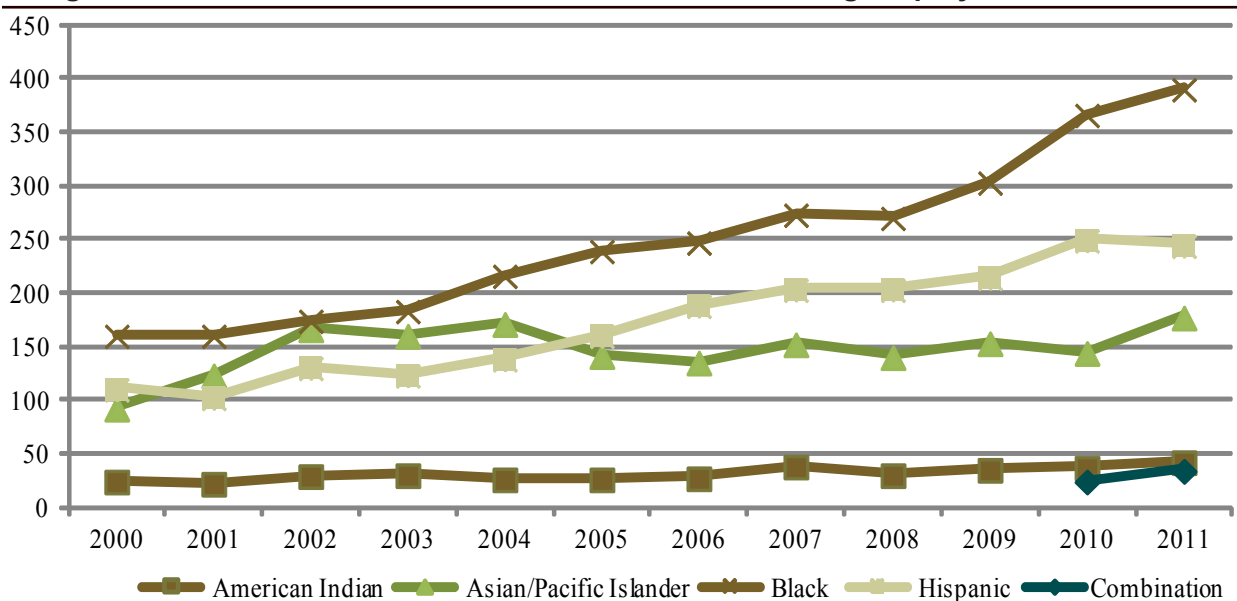
between 40-55 years old. The fastest growing group, however, was over 55 years old. From 2007 to 2011, that group grew 6.4 percent on average (Table 16-23).

The largest group of community college administrators was between 52 and 56 years old. The average age of administrators was 54.2 years old and the median age was 54.8 years old (Figure 16-8).

Iowa community college full-time instructional staff was presented by all ages between 22 and 74. The largest group was between 50 and 59. The average age of community college full-time instructors was 50.1 years, and the median age was 51.5 (Figure 16-9).

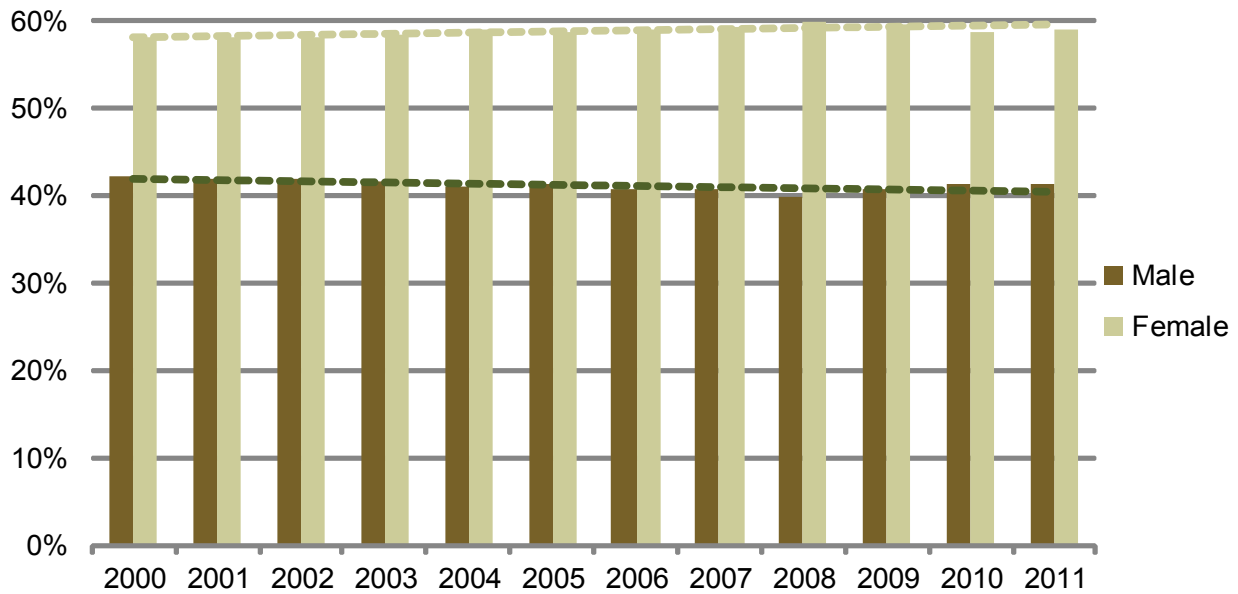
The most recent data from the U.S. Education Department showed that 66.1 percent of the nation's community college faculty were between the ages of 45 and 64 (McCormack, 2008). The number of Iowa

Figure 16-5: Distribution of Racial/Ethnic Minorities Among Employees: 2000-2011



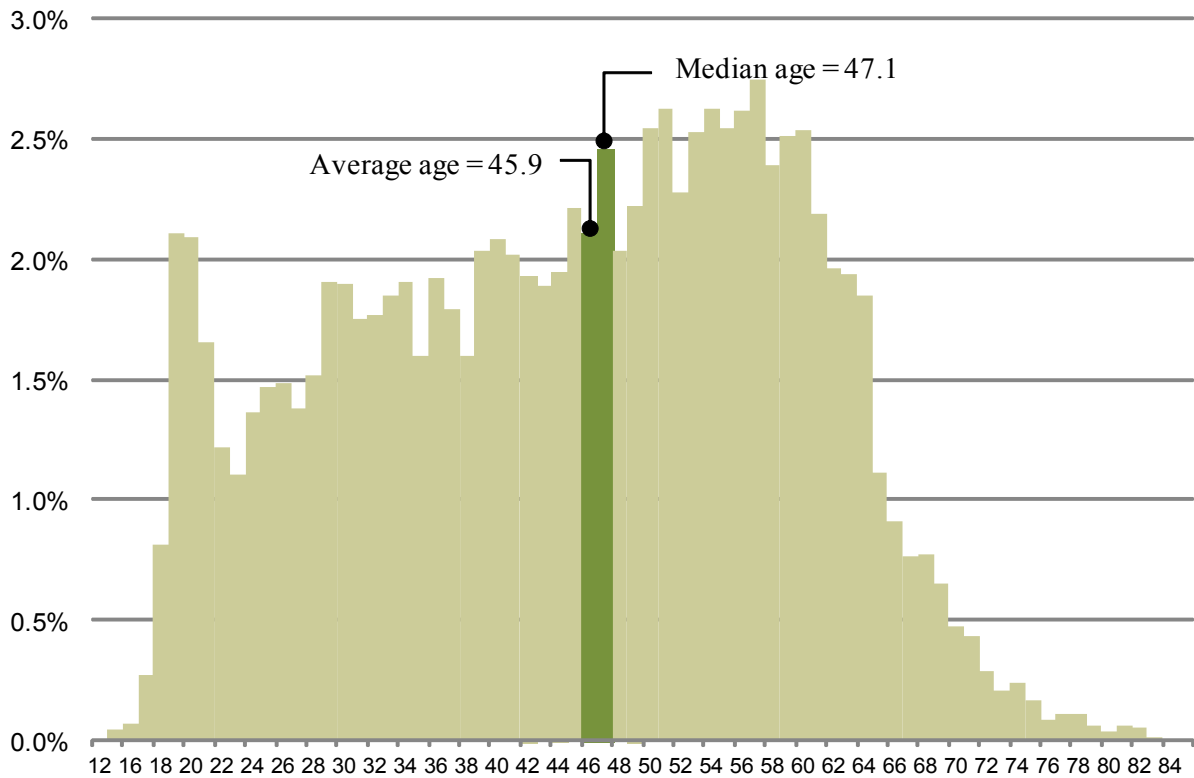
SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 16-5 and Tables 16-23 through 16-27 for five years of data. "Combination" as a category was introduced in 2010.

Figure 16-6: Gender Distribution of Employees: 2000-2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 16-28 for the latest five years.

Figure 16-7: Age of Community College Employees: 2011

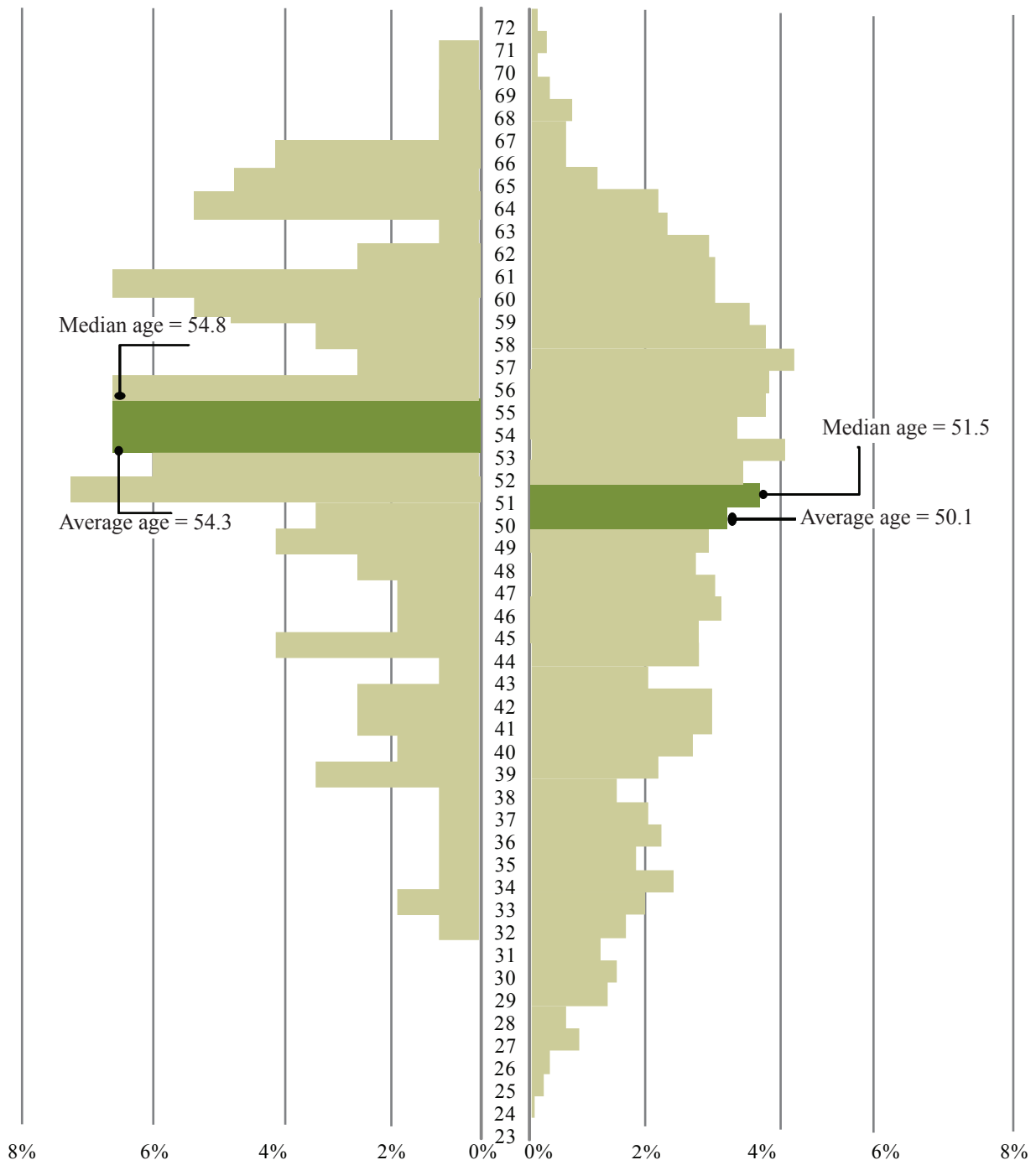


SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Table 16-4 and Tables 16-18 through 16-22 for the latest five years.

community college full-time faculty in the same age group was smaller than the nationwide number — 63.3 percent in 2011. The average age of Iowa community college full-time faculty increased from 49.6 in 2010 to 50.1 in 2011, continuing the trend since 2004. The median age has jumped from 48.5 to 51.5 (Figure 16-9). The average base salary based on a nine-month

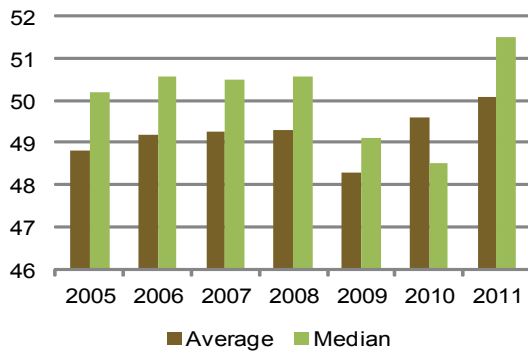
contract for full-time instructional employees reported by community colleges decreased from \$53,147 in fiscal year 2010 to \$52,350 in fiscal year 2011. The average increase of full-time instructional staff salaries since 2001 was 2.9 percent (Figure 16-11). In addition to the MIS, there are a number of other state and federal reports that publish faculty salaries; variances across those reports are due to differences in factors (i.e., definitions,

Figure 16-9: Distribution of Administrators (Left) and Instructors (Right) by Age: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS, see Tables 16-18 through 16-22 for the latest five years. *Instructors is one of the full-time instructional staff categories among those reported by NCES.

Figure 16-10: Average and Median Age of Full-Time Instructors: 2005-2011

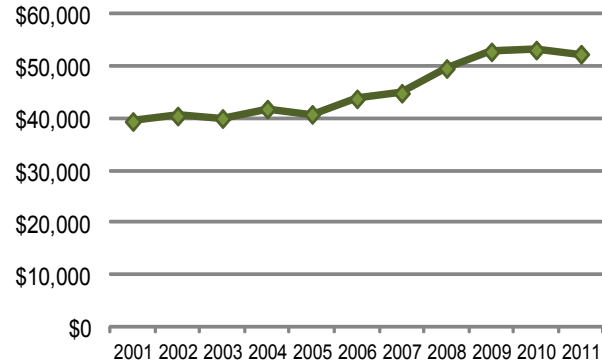


SOURCE: Iowa Department of Education, Division of Community Colleges, see Tables 16-18 through 16-22 for the latest five years.

classification systems, and contract periods). For example, the National Center for Educational Statistics (NCES) published \$63,256 as an average salary of full-time instructors* based on nine-month contracts in fiscal year 2011.

The *Chronicle of Higher Education Almanac* publishes annual numbers for colleges nationwide and by state. According to those numbers, Iowa community college instructors were paid on average 92.3 percent of the national average salary for two-year public institutions

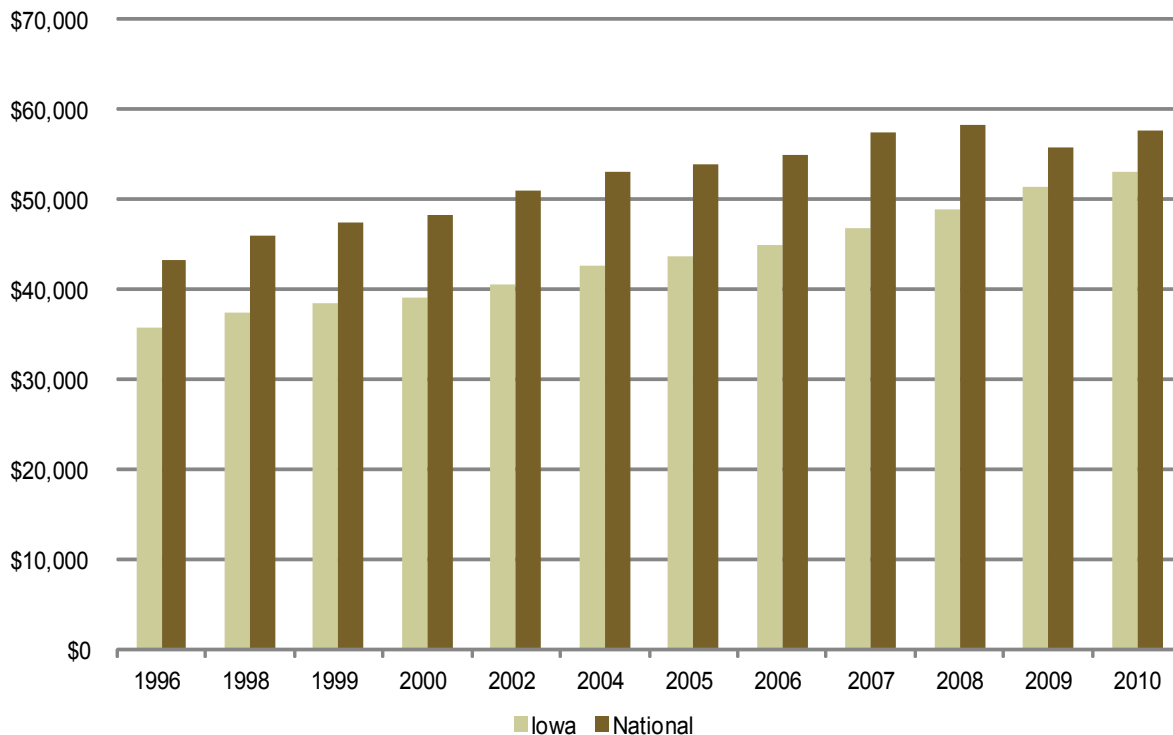
Figure 16-11: Average Base Salary of Full-Time Instructors: 2001-2011



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 16-6.

in fiscal year 2010 (latest available data). Based on the data from 1996 through 2010, the average salary steadily increased for Iowa full-time community college instructors; in 2010, the increase was 3.3 percent, while the average salary increase nationally was only 3.1 percent. For the first time since 1996, the national salary declined in 2009 below the level of 2007 (Figure 16-12). Iowa 12 year average demonstrated an increase of 3.7 percent since 1996, while the national average increased only 2.6 percent during the same time period.

Figure 16-12: Comparison of Iowa and National Salaries Average Full-Time Faculty Members: 1996-2010



NOTE: Before 2004, Chronicle of Higher Education Almanac published the data every other year. SOURCE: *The Chronicle of Higher Education Almanac* Issues 1998 through 2011. See Table 16-7.

Table 16-1: Employees by Position: 2007–2011

Fiscal Year	Employment Type	Administrative	Instructional	Professional	Secretarial & Clerical	Service	Total
2007	Full-Time	185	1,964	1,707	943	438	5,237
	Part-Time	3	404	678	1,019	793	2,897
	Temp./Seasonal	0	18	19	216	289	542
	Adjunct	0	4,325	11	8	6	4,350
2008	Total	188	6,711	2,415	2,186	1,526	13,026
	Full-Time	198	1,909	1,927	938	439	5,411
	Part-Time	1	228	812	1,067	556	2,664
	Temp./Seasonal	0	417	661	348	564	1,990
2009	Adjunct	0	4,427	18	16	8	4,469
	Total	199	6,981	3,418	2,369	1,567	14,534
	Full-Time	192	1,919	1,913	933	423	5,380
	Part-Time	2	155	550	759	553	2,019
2010	Temp./Seasonal	1	110	694	744	517	2,066
	Adjunct	0	4,609	21	14	8	4,652
	Total	195	6,793	3,178	2,450	1,501	14,117
	Full-Time	137	1,920	1,993	932	442	5,424
2011	Part-Time	7	164	630	609	670	2,080
	Temp./Seasonal	1	99	782	1,101	456	2,439
	Adjunct	0	5,079	8	1	0	5,088
	Total	145	7,262	3,413	2,643	1,568	15,031
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	2,387
	Adjunct	0	5,218	11	0	0	5,229
2011	Total	139	7,664	3,433	2,308	1,933	15,479

NOTE: Each "I" denotes 300 positions. Individuals may be employed in a number of positions at a community college. Full-time Instructional includes credit and non-credit full-time employees. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-2: Degrees for Instructors: 2007–2011

Degree	2007	2008	2009	2010	2011
Doctorate	168	179	179	188	196
Ed. Special	14	15	15	14	12
Masters	1,022	1,010	1,038	1,034	1,083
Bachelors	424	380	386	379	400
Associate	208	208	214	219	232
Diploma	60	54	58	51	55
Certificate	22	16	19	22	21
High School	36	28	28	25	20
Non-Graduate	2	3	3	2	5
Not Provided	61	13	23	38	41
Total	1,994	1,906	1,963	1,972	2,065

NOTE: Each “|” denotes 100 individuals. Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-3: Degrees for Administrators: 2007–2011

Degree	2007	2008	2009	2010	2011
Doctorate	34	47	48	47	48
Ed. Special	7	5	5	5	6
Masters	62	84	89	54	46
Bachelors	25	51	43	28	27
Associate	1	2	4	1	2
Diploma	1	0	0	0	0
Certificate	0	0	0	0	0
High School	0	0			
Non-Graduate	1	0	0	0	0
Not Provided	55	8	1	2	3
Total	186	198	193	137	133

NOTE: Each “|” denotes 10 individuals. Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-4: Employees by Age: 2007–2011

Fiscal Year	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Total
2007	30	973	559	774	1,953	4,871	2,931	19	12,110
2008	34	1,089	616	786	2,053	4,830	3,224	44	12,676
2009	61	977	605	785	2,034	4,784	3,420	44	12,710
2010	77	978	704	878	2,177	5,016	3,683	57	13,570
2011	53	1,082	745	921	2,228	4,949	3,753	39	13,770

NOTE: Each “|” denotes 100 employees. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-5: Employees by Race/Ethnicity: 2007–2011

Fiscal Year	American Indian	Asian/Pacific Islander	Black	Hispanic	White	More than one race	No Response	Total
2007	39	153	274	204	10,501	780		11,951
2008	31	141	271	204	11,033	996		12,676
2009	36	154	304	215	10,877	1,124		12,676
2010	38	145	367	250	11,450	25		13,820
2011	43	178	391	245	11,797	35		13,770

NOTE: Each “|” denotes 100 employees. 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. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-6: Base Salary for Instructors: 2007–2011

Fiscal Year	Full-Time Instructional Positions	Average Base Salary
2007	1,964	44,876
2008	1,909	49,606
2009	1,846	52,801
2010	1,822	53,147
2011	1,912	52,350

NOTE: Each “|” denotes \$1,000. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-7: Iowa and National Wages for Instructors: 1996–2010

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*

NOTE: Data in The Chronicle of Higher Education Almanac issue was repeated in fiscal year 1999, 2001, and 2004. Each “|” denotes \$1,000. *The Chronicle published this number quoting FY 2011 data of American Association of University Professors. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-8: Degrees for Administrators: 2007

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	2	0	5	0	0	1	0	0	0	0	8	5%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	0	0%
Iowa Lakes	0	0	5	1	0	0	0	0	0	2	8	5%
Northwest	3	0	4	0	0	0	0	0	0	0	7	4%
Iowa Central	1	0	3	0	0	0	0	0	0	1	5	3%
Iowa Valley	2	0	1	2	0	0	0	0	0	1	6	4%
Hawkeye	1	1	3	0	0	0	0	0	0	0	5	3%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	5%
Kirkwood	2	0	9	5	0	0	0	0	0	48	64	37%
Des Moines Area	5	1	5	1	0	0	0	0	0	0	12	7%
Western Iowa Tech	3	1	5	1	0	0	0	0	1	0	11	6%
Iowa Western	1	0	2	1	0	0	0	0	0	0	4	2%
Southwestern	2	1	0	2	0	0	0	0	0	0	5	3%
Indian Hills	3	3	6	3	0	0	0	0	0	0	15	9%
Southeastern	3	0	6	3	0	0	0	0	0	0	12	7%
Total	33	7	58	19	0	1	0	0	1	52	171	100%
Percent	19%	4%	34%	11%	0%	1%	0%	0%	1%	30%	100%	

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-9: Degrees for Administrators: 2008

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Total	Percent
										Provided	Not Provided		
Northeast	3	0	6	0	0	0	0	1	0	0	0	10	5%
North Iowa Area	3	0	0	1	0	0	0	0	0	0	0	4	2%
Iowa Lakes	0	0	5	1	0	0	0	0	0	0	2	8	4%
Northwest	4	0	3	2	0	0	0	0	0	0	3	12	6%
Iowa Central	1	0	3	2	0	0	0	0	0	0	0	6	3%
Iowa Valley	2	0	4	1	0	0	0	0	0	1	1	8	4%
Hawkeye	4	1	2	2	0	0	0	0	0	0	0	9	5%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	0	9	5%
Kirkwood	6	0	36	30	1	0	0	0	0	0	2	75	38%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	0	14	7%
Western Iowa Tech	4	0	5	1	0	0	0	0	0	0	0	10	5%
Iowa Western	2	0	1	2	0	0	0	0	0	0	0	5	3%
Southwestern	2	0	0	2	0	0	0	0	0	0	0	4	2%
Indian Hills	3	3	4	3	1	0	0	0	0	0	0	14	7%
Southeastern	3	0	5	2	0	0	0	0	0	0	0	10	5%
Total	47	5	84	51	2	0	0	0	0	0	8	198	100%
Percent	24%	3%	42%	26%	1%	0%	0%	0%	0%	0%	4%	100%	100%

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-10: Degrees for Administrators: 2009

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Percent	
										Provided	Total		
Northeast	4	0	5	0	0	0	0	1	0	0	0	10	5%
North Iowa Area	3	0	0	1	0	0	0	0	0	0	0	4	2%
Iowa Lakes	1	0	8	2	2	0	0	0	0	0	1	14	7%
Northwest	4	0	1	3	0	0	0	0	0	0	0	8	4%
Iowa Central	1	0	2	2	0	0	0	1	0	0	0	6	3%
Iowa Valley	4	0	3	1	0	0	0	0	0	0	0	8	4%
Hawkeye	2	1	2	1	0	0	0	0	0	0	0	6	3%
Eastern Iowa	5	0	5	0	0	0	0	0	0	0	0	10	5%
Kirkwood	6	0	42	21	1	0	0	1	0	0	0	71	37%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	0	14	7%
Western Iowa Tech	4	0	4	1	0	0	0	0	0	0	0	9	5%
Iowa Western	2	0	2	2	0	0	0	0	0	0	0	6	3%
Southwestern	1	0	1	2	0	0	0	0	0	0	0	4	2%
Indian Hills	3	3	4	3	1	0	0	0	0	0	0	14	7%
Southeastern	3	0	4	2	0	0	0	0	0	0	0	9	5%
Total	48	5	89	43	4	0	0	0	0	0	1	193	100%
Percent	25%	3%	46%	22%	2%	0%	0%	0%	0%	0%	1%	100%	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-11: Degrees for Administrators: 2010

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	5	0	5	0	0	0	0	1	0	0	11	8.0%
North Iowa Area	3	0	1	2	0	0	0	0	0	0	6	4.3%
Iowa Lakes	2	0	9	1	0	0	0	0	0	1	13	9.4%
Northwest	4	0	1	4	0	0	0	0	0	0	9	6.5%
Iowa Central	0	0	2	3	0	0	0	0	0	1	6	4.3%
Iowa Valley	3	0	4	1	0	0	0	0	0	0	8	5.8%
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	4.3%
Eastern Iowa	4	0	5	0	0	0	0	0	0	0	9	6.5%
Kirkwood	3	0	5	2	0	0	0	0	0	0	10	7.2%
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	3	0	0	0	0	0	0	6	4.3%
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2.9%
Indian Hills	5	3	4	4	1	0	0	0	0	0	17	12.3%
Southeastern	3	0	3	2	0	0	0	0	0	0	8	5.8%
Total	47	5	54	28	1	0	0	0	0	2	138	100.0%
Percent	34.1%	3.6%	39.1%	20.3%	0.7%	0.0%	0.0%	0.0%	0.0%	1.4%	100.0%	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-12: Degrees for Administrators: 2011

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
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%
Percent	36.1%	4.5%	34.6%	20.3%	1.5%	0.0%	0.0%	0.8%	0.0%	2.3%	100.0%	

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-13: Degrees for Instructors: 2007

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	6	0	77	20	8	5	0	0	0	7	123	6%
North Iowa Area	7	0	53	11	3	0	1	2	0	0	77	4%
Iowa Lakes	1	2	50	22	13	5	0	0	0	33	126	6%
Northwest	0	0	13	10	11	5	1	1	0	1	42	2%
Iowa Central	2	0	50	15	11	0	1	3	0	1	83	4%
Iowa Valley	7	0	49	14	6	1	1	2	0	0	80	4%
Hawkeye	11	0	62	29	15	5	3	1	0	0	126	6%
Eastern Iowa	20	2	108	52	21	1	5	16	0	0	225	11%
Kirkwood	42	5	144	56	29	9	0	0	0	7	292	14%
Des Moines Area	38	2	161	73	35	8	4	4	0	0	325	16%
Western Iowa Tech	10	4	45	25	12	4	1	4	0	0	105	5%
Iowa Western	8	0	72	34	13	4	1	0	1	9	142	7%
Southwestern	2	0	38	11	3	5	1	1	1	2	64	3%
Indian Hills	8	1	63	46	23	4	2	2	0	0	149	7%
Southeastern	7	0	47	15	9	4	1	0	0	1	84	4%
Total	169	16	1,032	433	212	60	22	36	2	61	2,043	100%
Percent	8%	1%	51%	21%	10%	3%	1%	2%	0%	3%	100%	

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-14: Degrees for Instructors: 2008

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	5	0	65	24	12	3	0	2	0	0	111	6%
North Iowa Area	7	0	54	13	5	0	1	2	0	0	82	4%
Iowa Lakes	4	2	50	22	11	5	0	0	0	9	103	5%
Northwest	0	0	16	9	12	5	1	1	0	1	45	2%
Iowa Central	4	0	54	16	11	1	1	6	0	0	93	5%
Iowa Valley	10	0	58	7	8	0	0	2	0	0	85	4%
Hawkeye	11	0	64	26	14	5	1	3	0	0	124	7%
Eastern Iowa	21	1	90	22	12	1	1	3	0	0	151	8%
Kirkwood	39	4	140	54	29	10	0	0	0	0	276	14%
Des Moines Area	42	2	167	68	39	6	4	4	0	1	333	17%
Western Iowa Tech	8	3	41	16	15	2	0	4	1	0	90	5%
Iowa Western	10	2	72	40	12	4	1	0	1	0	142	7%
Southwestern	2	0	36	9	1	3	1	1	1	2	56	3%
Indian Hills	9	1	53	37	19	5	3	0	0	0	127	7%
Southeastern	7	0	50	17	8	4	2	0	0	0	88	5%
Total	179	15	1,010	380	208	54	16	28	3	13	1,906	100%
Percent	9%	1%	53%	20%	11%	3%	1%	1%	0%	1%	100%	100%

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-15: Degrees for Instructors: 2009

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Total	Percent
										Provided	Not Provided		
Northeast	7	0	64	21	13	3	0	2	0	0	0	110	6%
North Iowa Area	7	0	59	14	5	0	2	2	0	0	3	92	5%
Iowa Lakes	3	2	56	25	8	5	0	0	0	0	10	109	6%
Northwest	0	0	16	9	11	6	1	1	0	0	0	44	2%
Iowa Central	4	0	48	14	13	1	1	5	0	0	4	90	5%
Iowa Valley	8	0	57	11	9	0	0	2	0	0	0	87	4%
Hawkeye	12	0	63	24	16	7	0	3	0	0	0	125	6%
Eastern Iowa	22	1	94	22	14	1	1	4	0	0	0	159	8%
Kirkwood	42	4	149	56	27	9	0	0	0	0	0	287	15%
Des Moines Area	38	2	168	68	40	7	5	3	0	0	1	332	17%
Western Iowa Tech	7	3	44	19	14	2	0	3	1	1	1	94	5%
Iowa Western	10	2	72	37	13	5	3	0	1	1	1	144	7%
Southwestern	2	0	38	7	1	3	1	1	1	1	3	57	3%
Indian Hills	10	1	61	42	21	5	2	2	0	0	0	144	7%
Southeastern	7	0	49	17	9	4	3	0	0	0	0	89	5%
Total	179	15	1,038	386	214	58	19	28	3	23	1,963	100%	
Percent	9%	1%	53%	20%	11%	3%	1%	1%	0%	1%	1%	100%	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-16: Degrees for Instructors: 2010

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	8	0	60	22	19	0	0	3	0	11	123	6.2%
North Iowa Area	7	0	55	12	5	1	3	2	0	0	85	4.3%
Iowa Lakes	3	2	49	22	10	4	0	0	0	9	99	5.0%
Northwest	0	0	16	8	13	5	0	1	0	0	43	2.2%
Iowa Central	4	0	55	14	9	1	2	5	0	0	90	4.6%
Iowa Valley	9	0	57	12	7	0	1	2	0	0	88	4.5%
Hawkeye	13	0	66	25	15	7	0	0	0	4	130	6.6%
Eastern Iowa	19	1	83	27	13	1	1	5	0	1	151	7.7%
Kirkwood	48	4	148	55	28	7	0	1	0	4	295	15.0%
Des Moines Area	38	2	172	73	42	8	6	3	0	0	344	17.4%
Western Iowa Tech	8	3	46	19	14	2	0	1	0	1	94	4.8%
Iowa Western	11	1	81	37	17	4	3	0	1	3	158	8.0%
Southwestern	3	0	35	5	1	3	1	1	1	4	54	2.7%
Indian Hills	10	1	66	31	17	4	2	1	0	0	132	6.7%
Southeastern	7	0	45	17	9	4	3	0	0	1	86	4.4%
Total	188	14	1,034	379	219	51	22	25	2	38	1,972	100.0%
Percent	9.5%	0.7%	52.4%	19.2%	11.1%	2.6%	1.1%	1.3%	0.1%	1.9%	100.0%	

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-17: Degrees for Instructors: 2011

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
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%
Percent	9.5%	0.6%	52.4%	19.4%	11.2%	2.7%	1.0%	1.0%	0.2%	2.0%	100.0%	

SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-18: Employees by Age and College: 2007

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	Total	% of Total
Northeast	1	38	31	36	100	340	173	4	723	6%
North Iowa Area	0	2	3	22	58	162	104	0	351	3%
Iowa Lakes	1	12	22	32	75	216	151	9	518	4%
Northwest	0	5	13	18	48	118	61	0	263	2%
Iowa Central	5	159	71	61	113	256	165	4	834	7%
Iowa Valley	1	39	40	29	93	229	113	1	545	5%
Hawkeye	0	7	23	49	132	269	184	0	664	5%
Eastern Iowa	1	13	26	58	138	467	294	0	997	8%
Kirkwood	8	58	66	110	298	732	385	1	1,658	14%
Des Moines Area	6	177	114	158	389	827	639	0	2,310	19%
Western Iowa Tech	0	4	16	34	115	280	166	0	615	5%
Iowa Western	6	264	72	76	158	322	172	0	1,070	9%
Southwestern	0	9	14	28	58	118	68	0	295	2%
Indian Hills	1	183	39	39	106	315	141	0	824	7%
Southeastern	0	3	9	24	72	220	115	0	443	4%
Total	30	973	559	774	1,953	4,871	2,931	19	12,110	100%
% of Total	0%	8%	5%	6%	16%	40%	24%	0%	100%	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-19: Employees by Age and College: 2008

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	4	95	41	43	113	332	203	0	831	7%
North Iowa Area	3	8	15	28	63	156	112	0	385	3%
Iowa Lakes	1	41	31	32	95	245	197	12	654	5%
Northwest	0	6	10	17	53	104	68	0	258	2%
Iowa Central	5	168	67	82	127	265	165	0	879	7%
Iowa Valley	3	30	48	54	123	291	174	15	738	6%
Hawkeye	0	9	30	32	123	241	176	0	611	5%
Eastern Iowa	0	11	22	49	143	434	305	0	964	8%
Kirkwood	4	42	62	103	323	716	448	9	1,707	13%
Des Moines Area	5	94	103	149	351	816	642	0	2,160	17%
Western Iowa Tech	1	20	31	39	145	298	215	8	757	6%
Iowa Western	6	331	78	73	152	307	176	0	1,123	9%
Southwestern	0	11	15	16	57	109	73	0	281	2%
Indian Hills	2	218	51	36	102	304	153	0	866	7%
Southeastern	0	5	12	33	83	212	117	0	462	4%
Total	34	1,089	616	786	2,053	4,830	3,224	44	12,676	100%
% of Total	0%	9%	5%	6%	16%	38%	25%	0%	100%	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-20: Employees by Age and College: 2009

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	26	23	32	90	298	212	0	681	5%
North Iowa Area	3	27	28	33	92	245	160	0	588	5%
Iowa Lakes	3	53	31	31	92	230	199	22	661	5%
Northwest	0	2	11	16	50	106	75	0	260	2%
Iowa Central	3	135	80	78	150	271	172	2	891	7%
Iowa Valley	1	43	47	52	107	285	190	5	730	6%
Hawkeye	0	1	15	39	117	224	185	0	581	5%
Eastern Iowa	0	10	25	41	143	409	308	0	936	7%
Kirkwood	39	93	71	106	307	715	475	12	1,818	14%
Des Moines Area	8	77	84	153	358	824	657	0	2,161	17%
Western Iowa Tech	1	21	22	37	130	271	201	3	686	5%
Iowa Western	3	284	94	73	155	292	194	0	1,095	9%
Southwestern	0	8	18	18	57	110	72	0	283	2%
Indian Hills	0	193	46	40	108	281	179	0	847	7%
Southeastern	0	4	10	36	78	223	141	0	492	4%
Total	61	977	605	785	2,034	4,784	3,420	44	12,710	100%
% of Total	0%	8%	5%	6%	16%	38%	27%	0%	100%	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-21: Employees by Age and College: 2010

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total	% of Total
Northeast	0	49	54	41	105	309	248	0	806	5.9%
North Iowa Area	2	27	17	28	73	208	168	0	523	3.9%
Iowa Lakes	4	38	35	39	87	243	205	29	680	5.0%
Northwest	0	3	7	20	51	105	85	0	271	2.0%
Iowa Central	2	130	92	90	177	278	170	3	942	6.9%
Iowa Valley	4	28	42	64	106	268	197	0	709	5.2%
Hawkeye	0	5	20	45	127	239	210	0	646	4.8%
Eastern Iowa	0	9	31	59	155	423	328	0	1,005	7.4%
Kirkwood	55	144	120	119	389	891	570	25	2,313	17.0%
Des Moines Area	5	64	93	149	383	847	709	0	2,250	16.6%
Western Iowa Tech	0	3	17	38	120	269	174	0	621	4.6%
Iowa Western	5	325	98	85	164	300	212	0	1,189	8.8%
Southwestern	0	8	13	26	45	127	65	0	284	2.1%
Indian Hills	0	142	51	40	102	279	186	0	800	5.9%
Southeastern	0	3	14	35	93	230	156	0	531	3.9%
Total	77	978	704	878	2,177	5,016	3,683	57	13,570	100.0%
% of Total	0.6%	7.2%	5.2%	6.5%	16.0%	37.0%	27.1%	0.4%	100.0%	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-22: 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. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-23: Employees by Race/Ethnicity and College: 2007

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	0	0	4	2	712	5	723	6%
North Iowa Area	0	1	0	0	339	11	351	3%
Iowa Lakes	1	1	1	2	475	38	518	4%
Northwest	0	1	1	1	258	2	263	2%
Iowa Central	2	12	19	15	779	7	834	7%
Iowa Valley	5	12	4	21	493	10	545	5%
Hawkeye	2	6	34	7	606	9	664	5%
Eastern Iowa	6	13	44	30	900	4	997	8%
Kirkwood	5	19	34	24	1,452	124	1,658	14%
Des Moines Area	5	61	83	42	1,997	122	2,310	19%
Western Iowa Tech	3	10	3	14	518	67	615	5%
Iowa Western	1	14	27	15	625	388	1,070	9%
Southwestern	0	1	3	3	288	0	295	2%
Indian Hills	0	2	7	23	791	1	824	7%
Southeastern	9	1	10	5	414	4	443	4%
Total	39	154	274	204	10,647	792	12,110	100%
% of Total	0%	1%	2%	2%	88%	7%	100%	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-24: Employees by Race/Ethnicity and College: 2008

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	0	1	6	3	781	40	831	7%
North Iowa Area	0	0	3	4	343	35	385	3%
Iowa Lakes	1	0	1	3	599	50	654	5%
Northwest	0	2	1	2	252	1	258	2%
Iowa Central	1	12	29	14	812	11	879	7%
Iowa Valley	3	7	11	25	650	42	738	6%
Hawkeye	2	4	31	7	565	2	611	5%
Eastern Iowa	4	13	42	28	874	3	964	8%
Kirkwood	4	16	19	22	1,433	213	1,707	13%
Des Moines Area	4	57	70	35	1,879	115	2,160	17%
Western Iowa Tech	3	11	3	20	615	105	757	6%
Iowa Western	3	13	34	9	689	375	1,123	9%
Southwestern	0	1	1	2	277	0	281	2%
Indian Hills	0	3	10	24	826	3	866	7%
Southeastern	6	1	10	6	438	1	462	4%
Total	31	141	271	204	11,033	996	12,676	100%
% of Total	0%	1%	2%	2%	87%	8%	100%	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-25: Employees by Race/Ethnicity and College: 2009

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	1	0	1	2	617	60	681	5%
North Iowa Area	0	0	8	3	506	70	588	5%
Iowa Lakes	1	3	1	3	580	73	661	5%
Northwest	0	2	1	2	250	5	260	2%
Iowa Central	3	15	41	16	774	42	891	7%
Iowa Valley	4	4	9	30	643	40	730	6%
Hawkeye	1	5	30	6	533	6	581	5%
Eastern Iowa	5	17	34	28	848	4	936	7%
Kirkwood	5	17	59	27	1,438	272	1,818	14%
Des Moines Area	7	59	65	37	1,893	100	2,161	17%
Western Iowa Tech	2	10	2	13	530	129	686	5%
Iowa Western	1	18	36	13	708	319	1,095	9%
Southwestern	0	0	0	3	280	0	283	2%
Indian Hills	0	4	6	23	812	2	847	7%
Southeastern	6	0	11	9	464	2	492	4%
Total	36	154	304	215	10,876	1,124	12,710	100%
% of Total	0%	1%	2%	2%	86%	9%	100%	

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS.

Table 16-26: Employees by Race/Ethnicity and College: 2010

College	American				Asian/Pacific				More Than			
	Indian	Black	Hispanic	White	Islander	Black	Hispanic	White	One Race	No Response	Total	% of Total
Northeast	0	2	2	4	705	1	96	810	5.9%			
North Iowa Area	0	1	5	2	472	0	45	525	3.8%			
Iowa Lakes	0	2	1	4	570	0	107	684	4.9%			
Northwest	0	0	1	2	255	2	13	273	2.0%			
Iowa Central	2	17	47	16	853	2	21	958	6.9%			
Iowa Valley	2	1	10	32	629	0	67	741	5.4%			
Hawkeye	1	7	27	9	598	2	11	655	4.7%			
Eastern Iowa	4	17	31	31	916	0	37	1,036	7.5%			
Kirkwood	8	19	87	37	1,603	0	596	2,350	17.0%			
Des Moines Area	9	56	68	44	1,993	7	117	2,294	16.6%			
Western Iowa Tech	5	9	1	12	474	0	132	633	4.6%			
Iowa Western	3	8	61	24	846	6	265	1,213	8.8%			
Southwestern	0	1	1	6	276	0	6	290	2.1%			
Indian Hills	2	3	15	18	758	1	21	818	5.9%			
Southeastern	2	2	10	9	502	4	11	540	3.9%			
Total	38	145	367	250	11,450	25	1,545	13,820	100.0%			
% of Total	0.3%	1.0%	2.7%	1.8%	82.9%	0.2%	11.2%	100.0%				

Note: "No response" includes individuals who chose not to be identified and colleges who did not respond. Source: Iowa Department of Education, Division of Community Colleges, Community College MIS. "More than one" race reporting started in 2010.

Table 16-27: Employees by Race/Ethnicity and College: 2011

College	American Indian	Asian/Pacific Islander	Black	Hispanic	White	More Than One Race	No Response	Total	% of Total
	Northeast	0	2	6	4	599	0	55	666
North Iowa Area	0	1	6	3	470	0	33	513	3.7%
Iowa Lakes	0	5	1	3	554	0	116	679	4.9%
Northwest	0	0	0	1	289	2	12	304	2.2%
Iowa Central	2	16	60	12	718	2	16	826	6.0%
Iowa Valley	5	2	9	26	633	0	40	715	5.2%
Hawkeye	1	9	31	9	621	1	0	672	4.9%
Eastern Iowa	2	21	38	31	942	0	16	1,050	7.6%
Kirkwood	8	31	61	35	1,805	0	382	2,322	16.9%
Des Moines Area	8	57	71	42	2,119	14	65	2,376	17.3%
Western Iowa Tech	4	11	1	14	495	2	141	668	4.9%
Iowa Western	7	12	72	31	910	9	198	1,239	9.0%
Southwestern	0	1	2	3	292	0	0	298	2.2%
Indian Hills	4	8	23	24	847	0	7	913	6.6%
Southeastern	2	2	10	7	503	5	0	529	3.8%
Total	43	178	391	245	11,797	35	1,081	13,770	100.0%
% of Total	0.3%	1.3%	2.8%	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. SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. "More than one" race reporting started in 2010.

Table 16-28: Employees by Gender and College: 2007–2011

College	2007		2008		2009		2010		2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	190	533	232	599	177	504	237	569	201	464
North Iowa Area	172	179	158	227	274	314	239	283	221	288
Iowa Lakes	170	329	224	402	210	420	219	432	238	441
Northwest	106	157	110	148	101	158	107	164	130	174
Iowa Central	418	416	433	446	446	445	492	450	471	355
Iowa Valley	204	341	294	444	290	440	271	438	287	428
Hawkeye	286	378	235	376	233	348	250	392	246	426
Eastern Iowa	361	636	347	617	348	588	382	623	397	653
Kirkwood	661	995	675	1,002	733	1,032	1,025	1,282	967	1,355
Des Moines Area	1,041	1,269	974	1,186	971	1,190	1,003	1,247	1,041	1,335
Western Iowa Tech	260	355	311	446	281	405	258	363	275	393
Iowa Western	437	633	436	687	448	647	521	668	546	693
Southwestern	123	172	114	167	104	179	107	177	111	187
Indian Hills	327	497	342	524	331	516	303	497	339	574
Southeastern	158	285	166	296	169	323	187	344	196	333
Total	4,914	7,175	5,051	7,567	5,116	7,509	5,601	7,929	5,666	8,099

NOTE: Each “|” denotes 100 employees. Unknowns were not included in the table. Unknowns in fiscal year 2007, 21 (0.17%), fiscal year 2008, 58 (0.9%), fiscal year 2009, 85 (0.7%), fiscal year 2010, 40 (0.3%);fiscal year 2011, 5 (0.04%). SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS.

17

SPECIAL SUPPLEMENT: DEVELOPMENTAL EDUCATION

Each year, the supplemental section will provide in-depth analysis from the Community College MIS or other data sources on a particular topic. The topic will change every year based on data availability and questions presented to the Iowa Department of Education. Some of the items may appear regularly in later editions of the report, but most of the analysis will only appear in the supplement.



This section focuses on developmental education enrollment in Iowa’s community colleges. To date, there has not been a thorough analysis of developmental education in Iowa’s community colleges. However, national data has suggested developmental education is widespread in community college credit courses. A study of students from 1992 showed 58 percent of *first-time* community college students enrolled in a developmental education class at some point in their education (Attewel, Lavin, Domina & Levey, 2006). This enrollment also leads to substantial costs. Some estimates show the cost of developmental education is between one and two billion (Breneman & Haarlow, 1998).

For this section, a student is enrolled in developmental

DEVELOPMENTAL EDUCATION ENROLLMENT

ENROLLMENT: **25,085** PERCENTAGE: **16%**

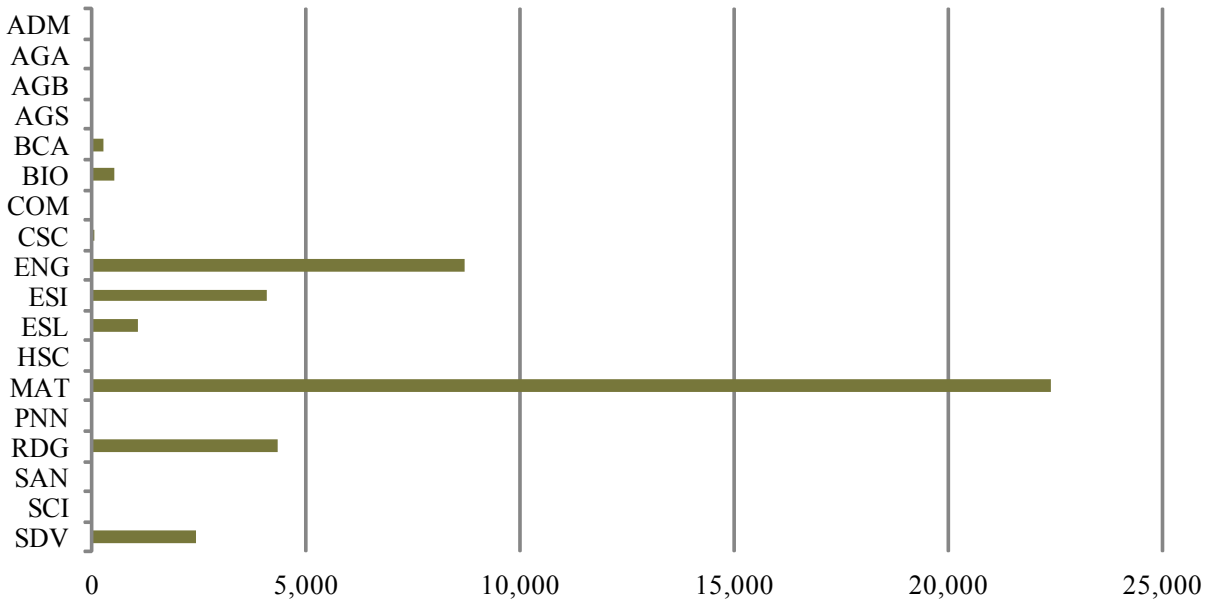
CREDIT HOURS: **129,439**
0.83 credit hours per student

MOST FREQUENT SUBJECT:
MATHEMATICS
22,398 students

education if she is enrolled in a course that is numbered below 100 (e.g., MAT 060) or enrolled in a course that is denoted as “developmental” by the college. However, it is not considered developmental if a course can be used to meet a requirement for the student’s major. The Iowa Department of Education determined enrollment in developmental education by combining its Community College MIS records and a database of approved community college programs (majors).

During 2011, 24,990 students were enrolled in a

Figure 17-1: Duplicated Enrollment in Developmental Education Courses by Prefix: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS. See www.witcc.edu/ccn/ for a list of titles for common course number. See Table 17-2 & 17-3.

developmental education course, which represented 16% of the entire student body. Students enrolled in a total of 129,439 credit hours over the fiscal year. Among students who took developmental education courses, those students averaged 1.8 courses.

Courses

Many students enrolled in developmental mathematics courses. There were 22,398 student who had enrolled in developmental mathematics, which far-exceeded the 8,736 students enrolling in developmental English classes (Figure 17-1). Figure 17-2 shows a more detailed list of popular developmental education courses. The four most popular developmental education courses were mathematics. MAT062 and MAT063 (Elementary Algebra) were the most popular with a combined enrollment of 9,822 students. MAT052 (Pre-Algebra) had 2,787 enrollees and MAT041 (Basic Math) had 1,831 throughout the year.

ENG061 (College Preparatory Writing II) was the fifth-most popular developmental class with 1,599, but was followed by MAT053—another Pre-Algebra course. ENG013 (Basic Writing), ENG060 (College Preparatory Writing I), RDG039 (College Preparatory Reading II), and MAT073 (Elementary Algebra II) were also within the top 10 most-popular developmental education courses.

There were 244 different developmental education courses offered in community colleges taught by 665 different teachers. Within each course, a college may offer several sections that are taught by different teachers, e.g., a MAT063 course offered several times throughout the year. Yet, most of developmental education enrollment was concentrated in a few courses.

The 10 courses listed above comprised 52 percent of total developmental education enrollment.

Student Demographics

The relationship between age and enrolling in developmental education is a complex story. The average age for all community college students (see Section 3) was 24 years old; yet, the average age for students in developmental education was a year higher (25 years-old).

However, Figure 17-3 shows a slightly different story. The line represents the distribution of age for all students while the filled-in area is the age distribution for students in developmental education. While the average age for those in developmental education is higher, it is clear that 18 year-olds are disproportionately represented in developmental education. Eighteen (18) year-olds represent 22 percent of all students in developmental education, whereas 18 year-olds are 13 percent of the student population.

The average age for those in developmental education is higher because students between 24 and 56 years-old are *slightly* overrepresented. For instance, five percent of developmental education students are 49 years-old, whereas 49 year-olds are only 4 percent of the population.

Fifty-eight percent (58%) of students in developmental education are females. Although females typically comprise a majority of college students, they are over-represented in developmental education compared to the entire community college population (56 percent).

Students enrolled in developmental education were also more likely to be a racial/ethnic minority than the entire community college population. Twenty-five (25%) percent of students were minority, compared to 18.5

Figure 17-2: Duplicated Enrollment in Developmental Education Courses by Course



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and AS-28 database. See Table 17-4.

Figure 17-3: Enrollment in Developmental Education by Gender: 2011

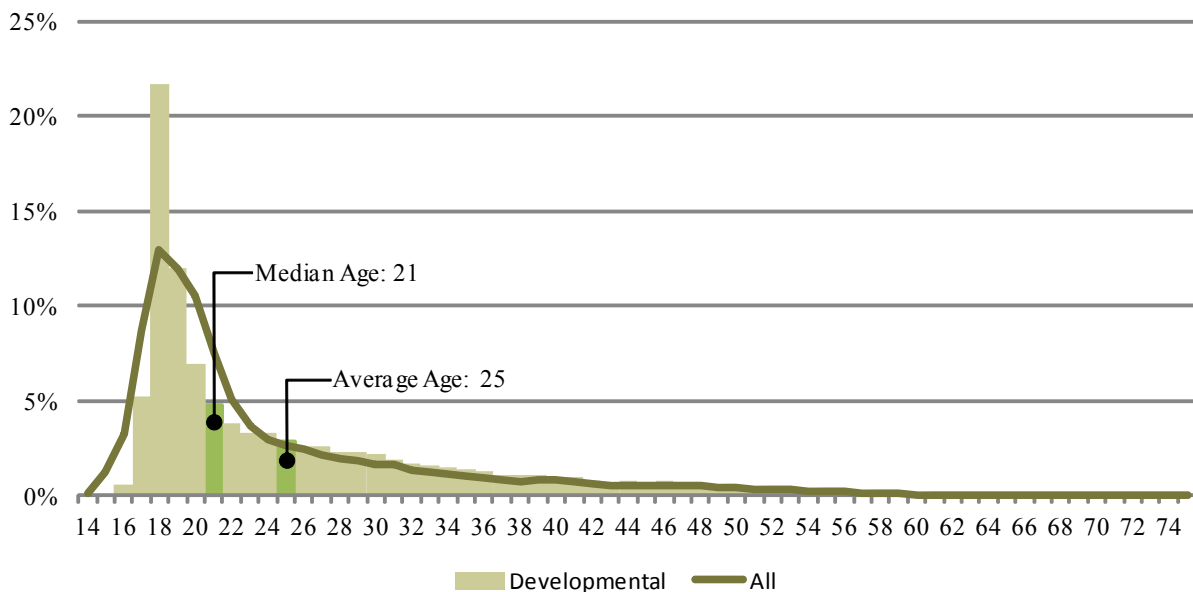


percent for the entire student body. African-Americans are the largest minority group, comprising 15 percent of all students. By contrast, African-American students only comprise six percent of the entire student population.

Spring 2010 High School Graduates

So far, this analysis has focused on all community college students from 2011. The analysis showed that 18 year-olds are the most likely to enroll in developmental education. Thus, we also focused on a cohort of high school graduates to entered community college. Specifically, we followed students who

Figure 17-4: Enrollment in Developmental Education by Age: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and AS-28 database. See Table 17-4.

DEVELOPMENTAL EDUCATION

33%

OF IMMEDIATE ENROLLEES ENROLLED IN AT LEAST ONE DEVELOPMENTAL EDUCATION COURSE IN FALL 2010.

graduated from an Iowa high school in spring 2010 and followed them into community college.

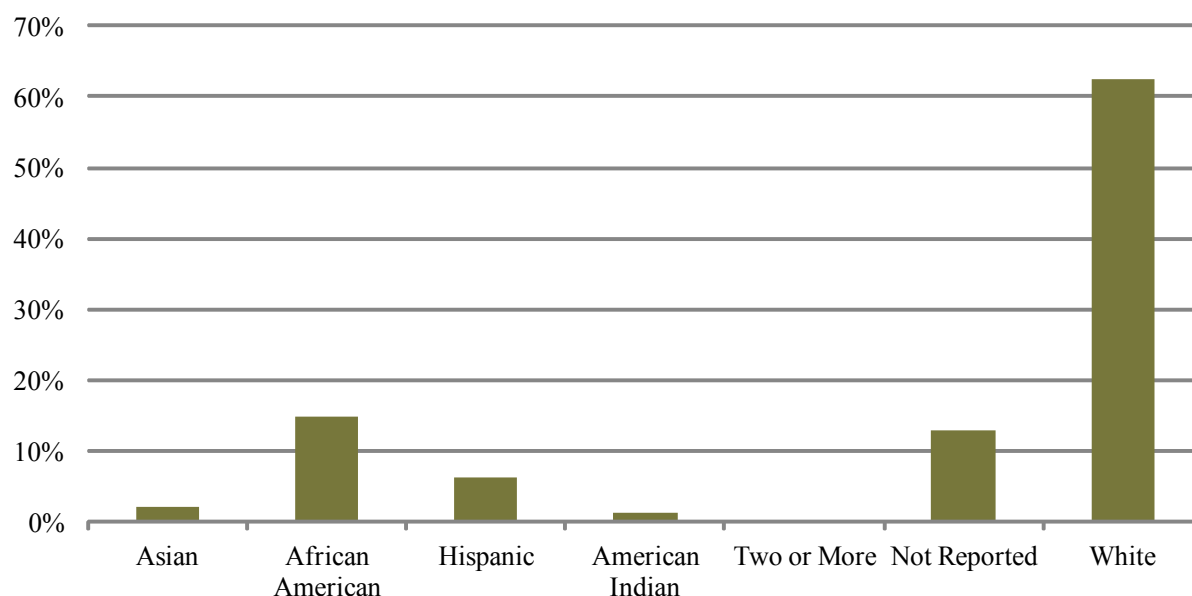
There were 27,004 students who graduated in the spring 2010 from Iowa high schools. The Iowa Department of Education (2011) noted that 8,097 students enrolled in a community college the following fall—30% of all high school graduates.

Of those students, 2,679 students, or 33 percent of immediate enrollees, were enrolled in a developmental education course. These students enrolled in 12,035 credit hours of immediate enrollees were in developmental education in the fall, eleven percent of the total credit hours taken by immediate enrollees.

Similar to other age groups, most of these students enrolled in developmental mathematics, 2,082 courses and English courses, 934 courses. In sum, 12,035 credit hours of immediate enrollees were in developmental education, eleven percent of the total credit hours taken by immediate enrollees.

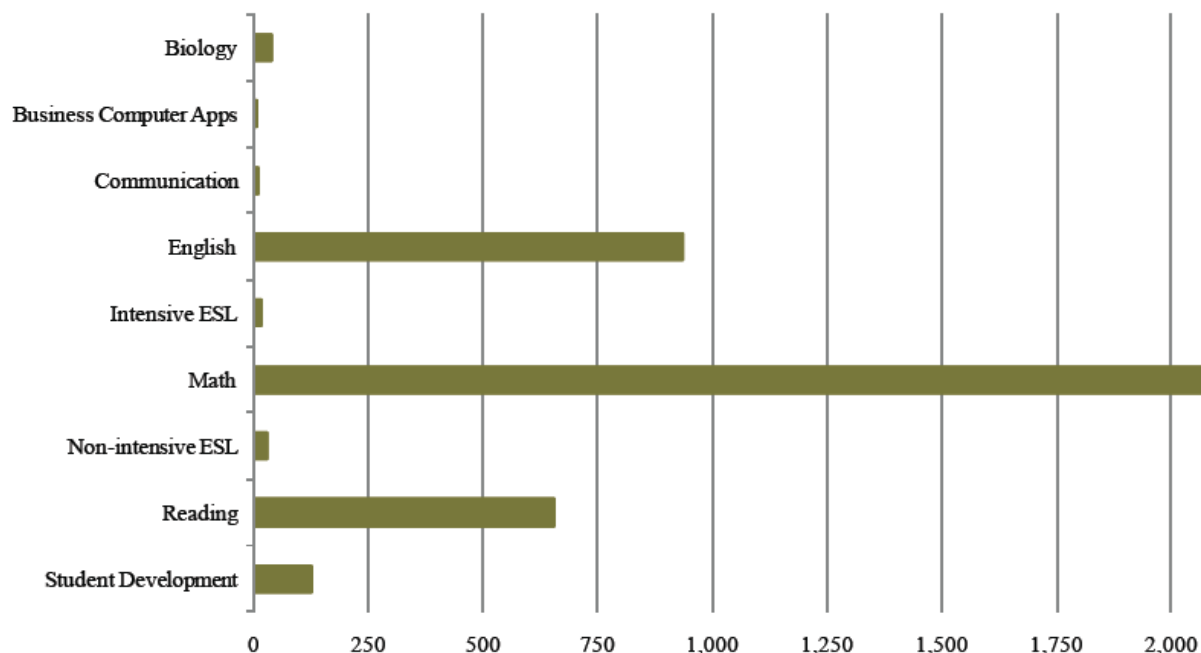
Figure 17-6 shows the number of students enrolled in developmental education by departments. For the purposes of this section, developmental education is defined as course numbers under 100 (e.g., MAT 050) that cannot be taken to make immediate progress towards the completion of a major. Thus, this data reflects developmental and non-developmental courses

Figure 17-5: Enrollment in Developmental Education by Race/Ethnicity: 2011



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and AS-28 database. See Table 17-4.

Figure 17-6: H.S. Class of 2009 Enrollment in Developmental Education: Fall 2010



SOURCE: Iowa Department of Education, Division of Community Colleges, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-4.

for students in each major, since developmental is dependent on major.

Further analysis (not shown) indicates taking developmental courses is independent from whether students were proficient in reading or mathematics as measured by the 11th grade Iowa Test of Educational Development.

Summary

This section provided an initial description of developmental education in credit courses in Iowa community colleges. Last year, 16 percent of community college students were likely enrolled in a developmental education course. Students in developmental education had different demographic characteristics compared to all credit students. Namely, they were older—but far more likely to be 18 years-old; more likely to identify themselves as a racial or ethnic minority; and more likely to be female.

So far, the incidence of developmental education seems to be lower in Iowa compared to national data; although, the analysis is not entirely complete. It is clear that students recently out of high school are more likely to enroll in developmental education. Upon further analysis,

33 percent of high school students who immediately enrolled in community college after high school did enroll in a developmental education course. It is likely that students who delayed enrollment into community college would also be likely to enroll in developmental education, and it is also likely that immediate enrollees may take further developmental education at some point.

A common aspect between all students is that mathematics tends to be the primary topic for developmental education in credit courses. Most students in developmental education are enrolled in at least one developmental mathematics course, which ranges from arithmetic to algebra. For those who recently graduated high school, there is little correlation between proficiency on 11th grade ITED and developmental education enrollment in community colleges.

However, it is important to note that some developmental education may take place in non-credit courses, which are not included in this analysis. Since developmental education credits have minimal impact on graduation, some colleges have moved those courses into an area which do not earn college credits.

Table 17-1: Developmental Education Enrollment by College: 2011

College	Headcount	Credit Hours
Northeast	1,407	6,589
North Iowa Area	798	4,233
Iowa Lakes	1,089	1,530
Northwest	6	15
Iowa Central	1,491	7,605
Iowa Valley	943	4,231
Hawkeye	1,944	11,544
Eastern Iowa	2,642	14,738
Kirkwood	4,699	24,089
Des Moines Area	4,165	24,751
Western Iowa Tech	1,531	10,758
Iowa Western	2,397	12,807
Southwestern	206	772
Indian Hills	790	2,272
Southeastern	977	3,505
Total	25,085	129,439

Note: For headcount, each “|” denotes 100 students and each “|” denotes 1,000 credit hours. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 17-2: Enrollment in Developmental Education by Course Prefix and College: 2011

College	ADM	AGA	AGB	AGS	BCA	BIO	COM	CSC	ENG	ESI	ESL	HSC	MAT	PNN	RDG	SAN	SCI	SDV	UD0	Total
Northeast	0	3	1	10	0	0	26	0	612	0	0	0	1,150	0	0	0	0	134	1	1,937
North Iowa Area	0	0	0	0	0	0	0	0	281	0	0	0	841	0	127	0	0	12	0	1,261
Iowa Lakes	0	0	0	0	0	0	0	0	261	0	61	0	397	0	90	0	0	887	0	1,696
Northwest	0	0	0	0	0	0	0	0	6	0	0	0	1	0	0	0	0	0	0	7
Iowa Central	0	0	0	0	0	0	84	286	0	0	0	0	1,308	0	291	0	0	349	0	2,318
Iowa Valley	0	0	0	0	0	0	0	465	0	67	0	895	4	98	0	0	11	0	0	1,540
Hawkeye	0	0	0	0	67	109	0	914	0	60	0	1,630	0	689	0	0	0	0	0	3,469
Eastern Iowa	0	0	0	0	0	0	0	868	0	0	0	2,906	0	598	0	0	0	0	0	4,372
Kirkwood	0	0	0	0	106	0	0	839	1,664	0	18	4,392	0	649	0	0	614	0	0	8,282
Des Moines Area	0	0	0	0	0	0	0	1,622	0	641	0	3,901	0	1,081	0	0	0	0	0	7,245
Western Iowa Tech	0	0	0	0	73	441	0	604	1,814	0	0	812	0	509	0	0	0	0	0	4,253
Iowa Western	0	0	0	0	0	0	0	1,053	614	0	0	2,724	0	10	0	0	0	0	0	4,401
Southwestern	0	0	0	0	4	0	0	62	0	0	0	198	0	16	0	0	0	0	0	280
Indian Hills	0	0	0	0	0	0	0	347	0	123	0	578	0	115	0	0	359	0	0	1,522
Southeastern	44	0	0	0	12	0	0	516	0	155	0	665	0	70	2	1	81	0	0	1,546
Total	44	3	1	10	262	550	26	84	8,736	4,092	1,107	18,223,998	4	4,343	2	1	2,447	1	44,129	

Note: Students may appear in more than one course prefix.

Table 17-3: Top 10 Developmental Education Courses by Enrollment: 2011

Course Code	Course Title	Enrollment
MAT063	Elementary Algebra	5,655
MAT062	Elementary Algebra	4,167
MAT052	Pre-Algebra	2,787
MAT041	Basic Math	1,831
ENG061	College Preparatory Writing II	1,599
MAT053	Pre-Algebra	1,589
ENG013	Basic Writing	1,565
ENG060	College Preparatory Writing I	1,451
RDG039	College Preparatory Reading II	1,195
MAT073	Elementary Algebra II	1,158
MAT034	Arithmetic	885
SDV090	College 101	827
RDG038	College Preparatory Reading I	772
MAT072	Elementary Algebra II	708
ENG095	Elements of Writing	707
MAT075	College Preparatory Math	690
MAT040	Basic Math	631
MAT045	Fundamentals of Math	538
ENG021	Foundations of Writing	493
RDG200	College Reading	490

Note: Some course titles are the same, but vary slightly in content. The courses listed above the solid line represent 50% of all duplicated developmental education enrollment. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 17-4: Age of Developmental Education Enrollees by College: 2011

College	Average Age	Median Age
Northeast	25	21
North Iowa Area	23	19
Iowa Lakes	23	19
Northwest	27	25
Iowa Central	25	20
Iowa Valley	25	20
Hawkeye	24	21
Eastern Iowa	25	22
Kirkwood	26	22
Des Moines Area	27	24
Western Iowa Tech	27	24
Iowa Western	23	19
Southwestern	26	22
Indian Hills	28	25
Southeastern	25	20
Total	25	21

Note: Each “|” denotes 1 year. Source: Bureau of Community Colleges, Community College MIS.

Table 17-5: Enrollment in Developmental Education by Gender: 2011

College	Male		Female		Unknown		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	527	37%	880	63%	0	0%	1,407
North Iowa Area	383	48%	415	52%	0	0%	798
Iowa Lakes	599	55%	490	45%	0	0%	1,089
Northwest	1	17%	5	83%	0	0%	6
Iowa Central	613	41%	878	59%	0	0%	1,491
Iowa Valley	437	46%	506	54%	0	0%	943
Hawkeye	803	41%	1,141	59%	0	0%	1,944
Eastern Iowa	952	36%	1,690	64%	0	0%	2,642
Kirkwood	2,085	44%	2,614	56%	0	0%	4,699
Des Moines Area	1,749	42%	2,416	58%	0	0%	4,165
Western Iowa Tech	549	36%	981	64%	1	0%	1,531
Iowa Western	1,145	48%	1,252	52%	0	0%	2,397
Southwestern	54	26%	152	74%	0	0%	206
Indian Hills	244	31%	544	69%	2	0%	790
Southeastern	375	38%	602	62%	0	0%	977
Total	10,516	42%	14,566	58%	3	0%	25,085

Note: Each “|” denotes 1,000 students. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 17-6: Enrollment in Developmental Education by Race/Ethnicity: 2011

College	Asian	African American	Hispanic	American Indian	Two or More	Not Reported	White	Total
Northeast	4	71	29	8	0	57	1,238	1,407
North Iowa Area	13	74	39	8	2	18	644	798
Iowa Lakes	10	55	49	7	0	51	917	1,089
Northwest	0	0	2	0	0	0	4	6
Iowa Central	27	296	99	10	2	56	1,001	1,491
Iowa Valley	10	83	107	30	0	175	538	943
Hawkeye	23	466	62	18	2		1,373	1,944
Eastern Iowa	41	484	247	32	5	90	1,743	2,642
Kirkwood	93	495	121	23	0	2,319	1,648	4,699
Des Moines Area	164	1,087	253	66	11	206	2,378	4,165
Western Iowa Tech	59	105	318	59	0	110	880	1,531
Iowa Western	61	377	143	41	0	73	1,702	2,397
Southwestern	3	7	11	6	0	5	174	206
Indian Hills	17	44	33	7	0	58	631	790
Southeastern	29	99	51	14	0	18	766	977
Total	554	3,743	1,564	329	22	3,236	15,637	25,085

Source: Iowa Department of Education, Division of Community Colleges, Community College MIS

Table 17-6: Enrollment into Developmental Education by Immediate Enrollees: Fall 2010

College	Developmental Education		Percent of Immediate Enrollees
	Enrollment	Average Credit Hours	
Northeast	129	1.8	40.7%
North Iowa Area	127	1.2	32.6%
Iowa Lakes	45	0.4	18.2%
Northwest	0	0.0	0.0%
Iowa Central	248	2.0	39.9%
Iowa Valley	137	1.4	36.1%
Hawkeye	309	2.4	44.8%
Eastern Iowa	237	2.1	42.2%
Kirkwood	552	1.3	33.7%
Des Moines Area	399	1.4	27.5%
Western Iowa Tech	142	2.2	41.2%
Iowa Western	244	2.0	47.3%
Southwestern	31	0.7	19.9%
Indian Hills	13	0.1	2.7%
Southeastern	66	0.8	29.7%
Immediate Enrollees	2,679	1.5	33.1%

Note: Developmental education courses are courses below 100 (e.g., MAT 050) that are not being taken toward the completion of a major.

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.



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