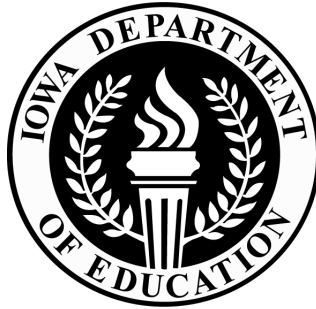


THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2010



COMMUNITY COLLEGES &
WORKFORCE PREPARATION
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THE ANNUAL
CONDITION OF IOWA'S
COMMUNITY COLLEGES
2010

WITH A SPECIAL SUPPLEMENT ON HIGH SCHOOL
GRADUATES IN COMMUNITY COLLEGES

IOWA DEPARTMENT OF EDUCATION
DIVISION OF COMMUNITY COLLEGES AND WORKFORCE PREPARATION
BUREAU OF COMMUNITY COLLEGES AND CAREER AND TECHNICAL EDUCATION SERVICES

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ACKNOWLEDGEMENTS

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1

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 Public Instruction (later renamed the Department of Education in July 1985) to conduct a two-year study of the need to develop a statewide system of public community colleges.

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

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

After receiving the interim committee's report in 1964, the 61st General Assembly in 1965 enacted legislation that permitted the development of a

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

Legislation authorizing merged area schools, which are now referred to as "community colleges," provided for 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.

State oversight primarily consisted of program approval and periodic evaluations by the state and representatives of the Regent universities. Additionally, as of 1980, all 15 institutions were accredited by the North Central Association of Colleges and Schools.

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.

In 1987, Hawkeye Community College, the final Iowa college operating as a vocational school, received approval to operate as a comprehensive community college. Currently, all 15 operate as comprehensive community colleges, offering arts and science (college transfer), vocational preparatory, and adult and continuing education programs.

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 for concurrent enrollment allowed high school students to jointly enroll in college credit courses in significantly greater numbers.

In 1990, the legislature directed the Iowa Department of Education to overhaul the process by which it reviewed and approved community colleges. The new process, implemented beginning in 1997, was designed to better align with the accreditation process of the North Central Association.

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.

During the 1990s, the community college management information system (MIS) was developed. The first Condition of Iowa's Community Colleges report was issued in September 2000. In subsequent years, the system was refined and expanded.

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 mandated 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.

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.

For most of the colleges' first 40 years, faculty were licensed by the state. In 2003, the legislature replaced licensure requirements with minimum faculty standards and quality faculty plan requirements tied to state accreditation.

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

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

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 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)

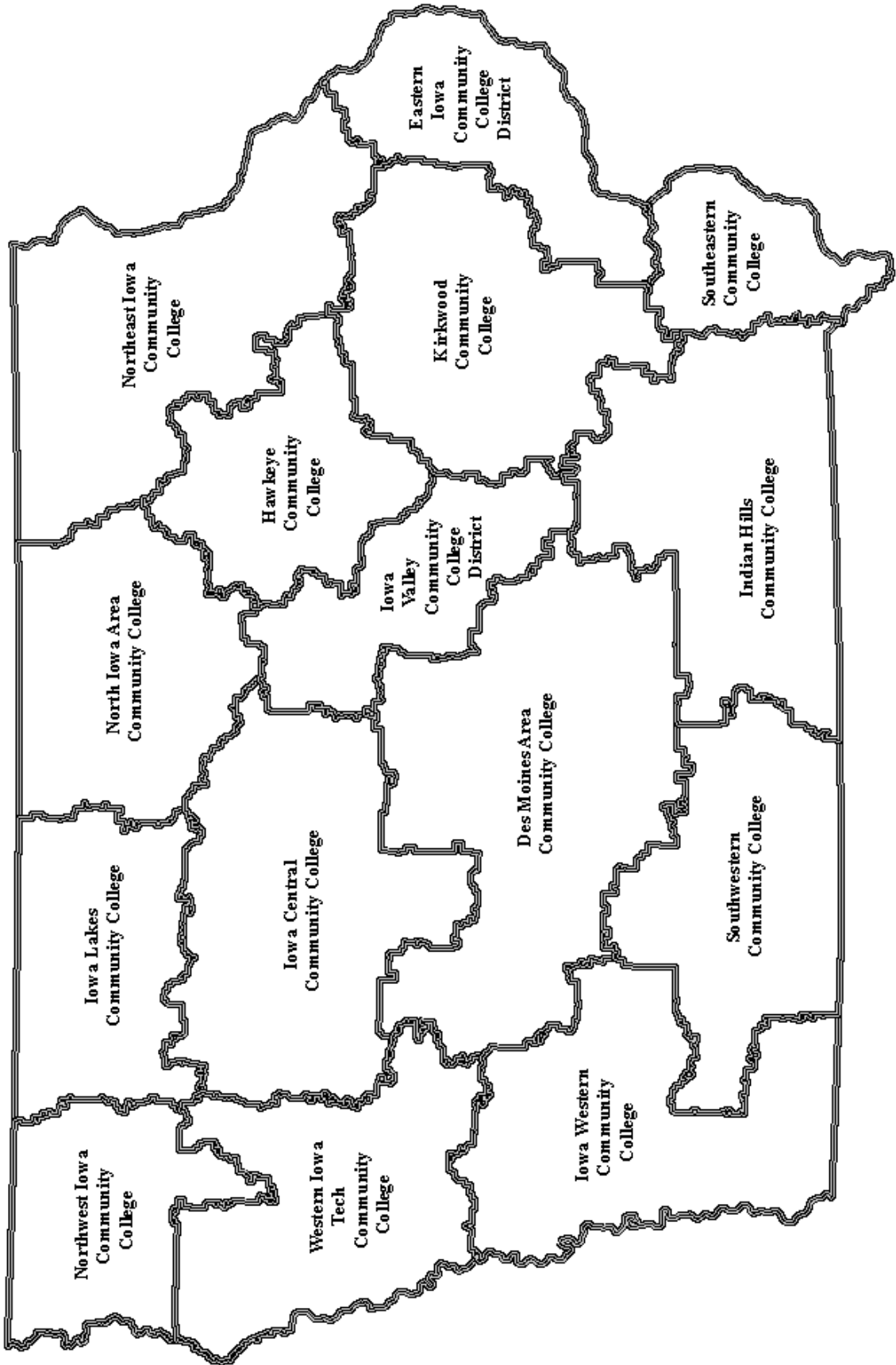
Southwestern Community College
Administrative Center
1501 West Townline Street
Creston, Iowa 50801

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 2010-11 academic year (fiscal year 2011).

Fall enrollment grew 5.5 percent to a record high of 106,597 students in fiscal year 2011 (Table 2-1). College enrollment has grown for 14 consecutive years since enrollment slipped in fiscal year 1997. In the 46-year history of the modern community college system, enrollment has only fallen four times (Figure 2-1).

Last year's enrollment has accelerated at the fastest pace (14.3 percent) since 1975, while, on average, the increase is only by 5.6 percent a year. Overall, enrollment growth is outpacing the projected nationwide growth in community colleges (Hussar and Bailey, 2008: Table 16).

Similar to the last year, full-time enrollment exceeded part-time enrollment. Slightly over half, 51 percent, of students were enrolled full-time—12 or more credit hours. Both in 2007 and 2008, part-time enrollment exceeded full-time enrollment. That shift represented

HOW DOES FALL DIFFER FROM FISCAL YEAR



FALL

Collected on the 10th business day of the current year. Fall 2010 is a part of fiscal year 2011.



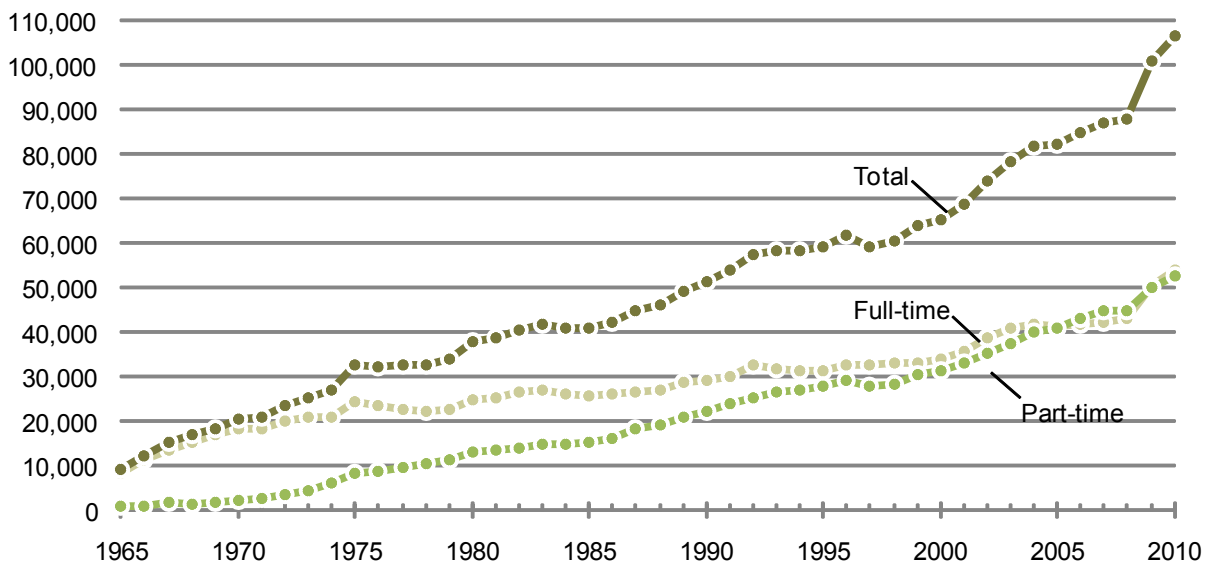
FISCAL YEAR

Collected at the end of the school year, the fiscal year includes fall, spring, and summer semesters. Fiscal year 2010 includes the 2009-2010 academic year.

growing enrollment by working students and joint enrollment—high school students who enroll in community colleges.

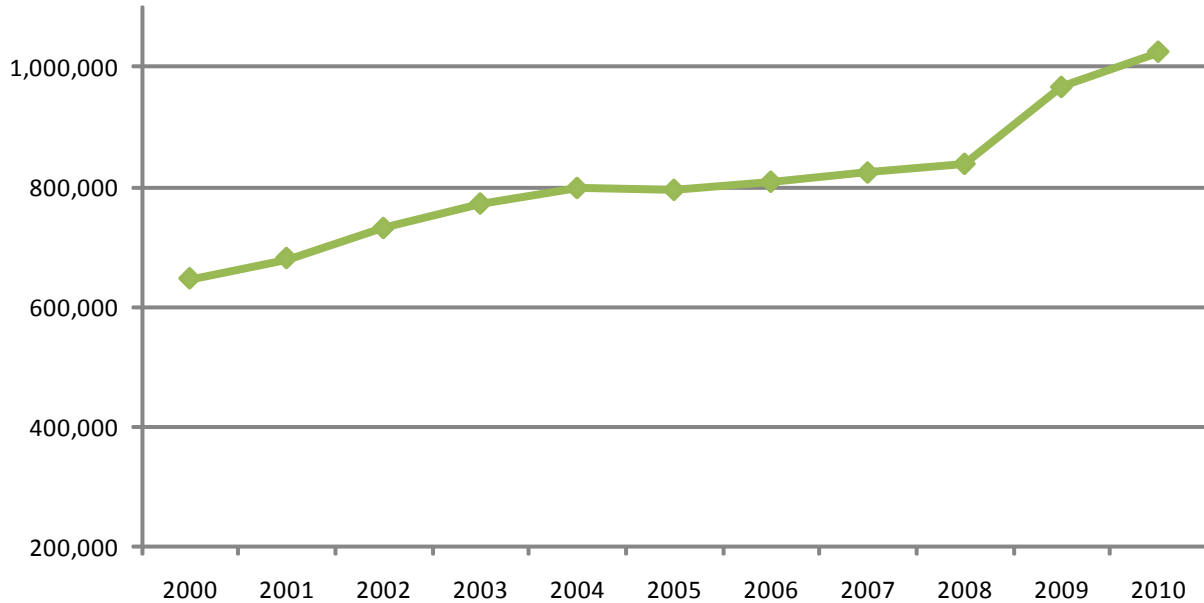
The growth in enrollment this year returns to the steady pattern of enrollment increases in the past, with the exception of recessions years, when it tends to spike. The largest increase in enrollment spiked 21.5 percent as community colleges began to expand in Iowa. Iowa's

Figure 2-1: Fall Enrollment: 1965-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Fall Enrollment Report: 2010.

Figure 2-2: Fall Credit Hours: 2000—2010



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

enrollment growth has traditionally been consistent. Enrollment decreased four times—1976, 1983, 1984, and 1997—during the entire 46-year history. Full-time enrollment decreased nine times over the same period, while part-time enrollment only fell twice.

FALL ENROLLMENT

FALL ENROLLMENT:

106,597

GROWTH SINCE LAST YEAR:

↑ 5.5%

CREDIT HOURS:

1,026,134

Up 5.8% since 2009.

CREDIT HOURS PER STUDENT:

9.62

Increased 0.03 hours

The remainder of this report will break down credit enrollment by credit hours, by the programs in which students were enrolled, student demographics, enrollment predictions, and data from other reporting sources.

Credit Hours

Students this fall have enrolled in 1,026,134 credit hours, the first time students have enrolled in over one million credit hours in the fall (Figure 2-2). Clearly, students will be enrolled in more credit hours simply because there are more students. Indeed, the 5.5 percent change in number of students corresponds approximately with 5.8 percent change in credit hours.

Table 2-8 lists the average credit hours per student since 2006. Students were enrolled in slightly over 9.6

credit hours in the fall semester, which rose slightly from last year. Since 2007, the average credit hours steadily increase, which is primarily attributable to the rise of full-time students (see Figure 2-1).

Each credit hour represents at least 800 minutes of scheduled work for a classroom course; 1,600 minutes for a laboratory course; 2,400 minutes for clinical work; and 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 160 classroom hours a semester.

Program Type

Enrollment in Iowa’s community colleges is broken into four program types: college parallel; career option; career and technical; and a combination. College parallel programs were the largest in Iowa’s community colleges during fall 2010 (Table 2-13). The curriculum in college parallel programs are designed to articulate to a four-year institution. That is, the courses will count toward a degree in a four-year institution.

The second largest program in community colleges was career and technical education (CTE). Programs within CTE are designed to train students to become skilled workers after graduation. A little under 32 percent of students were enrolled in CTE programs in Iowa community colleges, while approximately 41 percent of enrollments in community colleges nationwide were in CTE programs (Levesque, Laird, Hensley, et al., 2008).

Finally, career option programs are designed to let

students easily articulate to a four-year institution or to move into the workforce. Enrollments in career option programs have stagnated between 2006 and 2008 and declined 8.5 percent in 2009 and increased 5.5 percent in 2010 (Tables 2-9 through 2-13), while enrollments have increased in college parallel (4.4 percent) and CTE (7.6 percent) program types.

Student Demographics

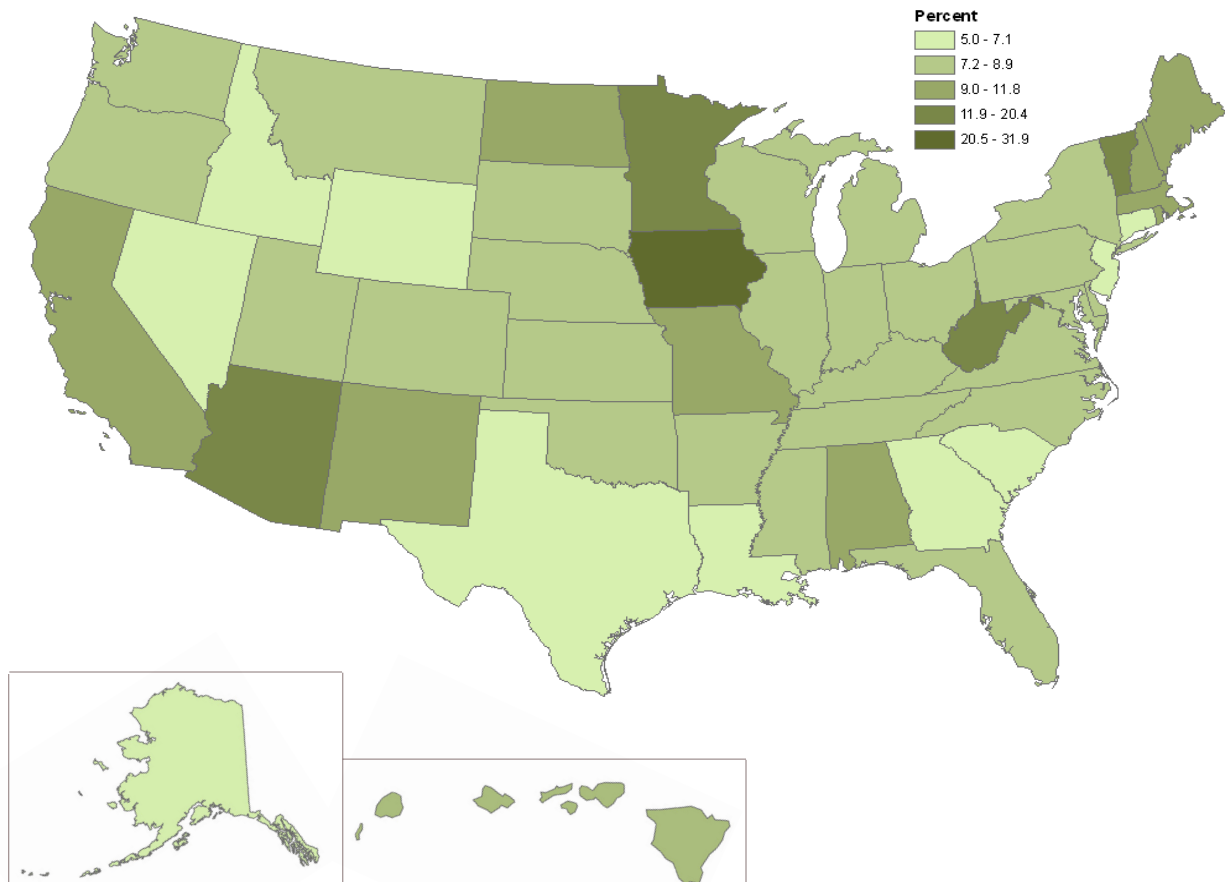
The composition of community college students did not substantially change since last fall nor from last fiscal year (see Section 3). Just over 55 percent of students were female, which is consistent with the state and national trends in community colleges and four-year colleges (Snyder, Dillow, and Hoffman, 2008: Table 181). The average age was 23 years-old, similar to the last year, and consistent with the nationwide average of 23.7 (Provasnik and Planty, 2008). However, a more accurate description is the median age. Similar to two previous years, the median age of 2010 fall enrollees was 19 years-old. Nationally, the median age for students

at public two-year institutions was 21 years-old. Most students in community colleges were between 16 and 22 years-old.

Minorities comprise 14.5 percent of enrollment, a substantial increase over last year's 11.9 percent. Blacks were the largest minority group (6.2 percent), followed by Hispanics (4.5 percent), and Asian/Pacific Islander group (1.9 percent). One percent (1%) indicated they were a part of multiple racial and ethnic groups.

There is also a higher percentage of minorities in community colleges than in the state population. The U.S. Census Bureau (2008) estimates close to nine percent of Iowans of 15 years of age and older are non-white. In that age group, 31.9 percent of all minorities in Iowa were enrolled in postsecondary education in 2008—by far, the largest percent in the nation, followed by California (20.4 percent) and West Virginia (13.2 percent) (Figure 2-3).

Figure 2-3: Ratio of Minority Enrollment in Postsecondary Education to Minority Population Over 15: Fall 2008



SOURCE: U.S. Department of Education, Integrated Postsecondary Data System, Fall 2008 and U.S. Census Bureau.

Postsecondary Fall Enrollment in Iowa

Fall enrollment data is also collected by other higher education institutions in the state of Iowa and reported to the Iowa Coordinating Council on Post-High School Education each year.

Community colleges are the second largest network of postsecondary colleges in Iowa, but the largest postsecondary public system. In Fall 2010, 72,708 students were enrolled in public four-year or above universities (two percent increase) while 52,975 were enrolled in private non-profit 4-year or above universities (four percent decrease). Enrollment in private for-profit 4-year or above universities continued to grow in a very rapid pace to 128,081 students—a 104 percent increase since previous year (Table 2-14)—due, in part, to the addition of Ashford University.

Meanwhile, enrollments in private for-profit and private non-profit two-year institutions has remained relatively small, and decreased 29 and 15 percent correspondingly. Total enrollment in those colleges were slightly less than the smallest community college.

Community colleges in Iowa, as well as nationwide, serve a larger share of part-time students than 4-year universities. As mentioned earlier, slightly under half of community college students were part-time. In Fall 2010, over 17 percent of enrollment at four-year public universities and nearly 27 percent of private not-for-profit four-year universities were part-time students.

Enrollment Projections

Community college enrollment deviated from the department's projections. Enrollment was forecasted to grow 13.1 percent in 2010, compared to the 5.5 percent actual increase. the five-year historical average of 2.4

FALL ENROLLMENT PROJECTION: 2011

PROJECTED FALL 2011 ENROLLMENT:

103,290  9.3%

percent. Further enrollment decline is projected to be based on the most recent data available.

Enrollment projections were developed by the Iowa Department of Education in late 2008 (Figure 2-4). The forecasts account for prior year enrollment, a forecast of high school students (Iowa Department of Education, 2007), U.S. gross domestic product (GDP) (Congressional Budget Office, 2008), and Iowa unemployment rate.

Enrollment is projected to drop in the future. Next year, enrollment is projected to decrease 9.3 percent. Thereafter, the growth rate is projected to gradually increase from 2.3 to 1.8 percent per year.

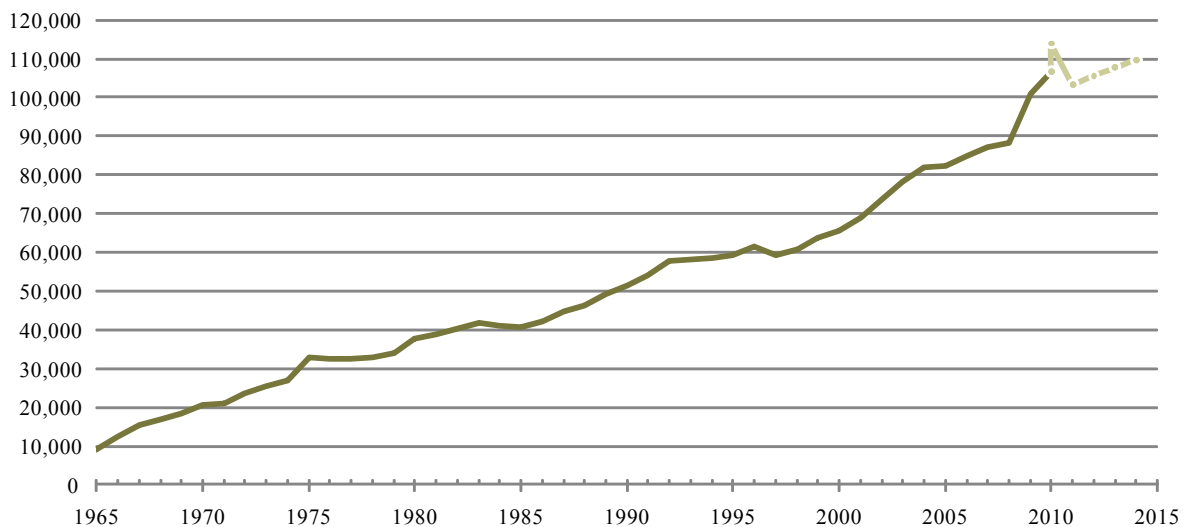
Readers should note that these projections are based on other projections of the economy. The future of community college enrollment is contingent on the pace of any economic recovery, most notably, unemployment.

It is also pertinent to note that enrollment declines were often preceded by large enrollment increases. For instance, the largest year-to-year fall enrollment increase was in 1975, only to be followed by an enrollment decrease the next fall.

Fall Enrollment Student Location

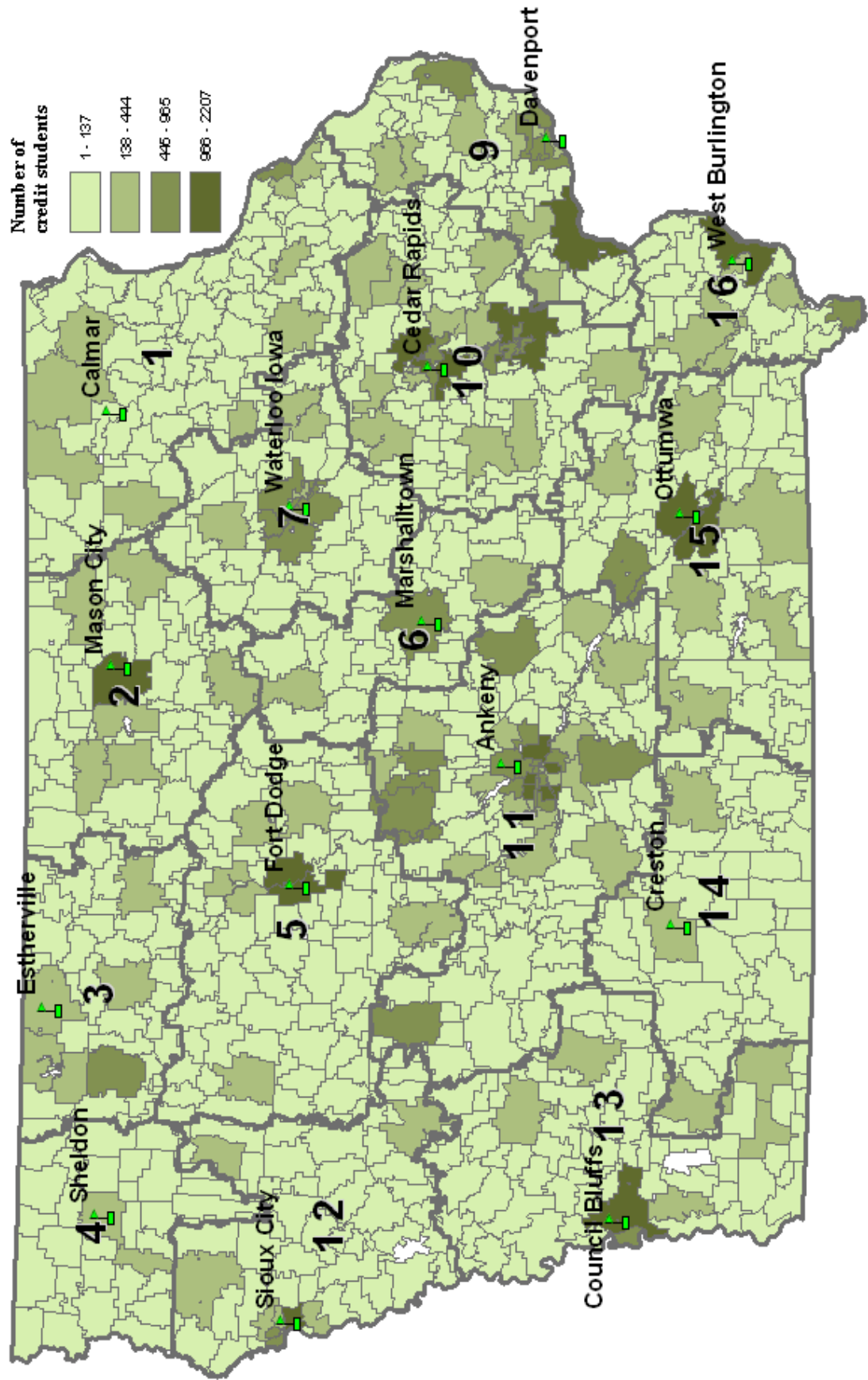
Iowa community college credit students live mostly around colleges' administrative centers, and, for an overwhelming majority of them, Iowa is their original home. Out of 100,736 credit students in 2009, 94,445 (93.7 percent) of students indicated they live in Iowa (Figure 2-5).

Figure 2-4: Projected Enrollment: 2010-2013



SOURCE: Iowa Department of Education (2010), *Fall Enrollment Report: 2010*, Table 6. Also see Table 2-15.

Figure 2-5: Location of credit Fall enrollment students



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

Table 2-1: Fall Credit Enrollment: 2006-2010

College	2006	2007	2008	2009	2010
Northeast	4,763	4,804	4,756	5,389	5,136
North Iowa Area	3,222	3,272	3,485	3,729	3,744
Iowa Lakes	3,213	3,170	3,059	3,315	3,474
Northwest Iowa	1,224	1,288	1,256	1,615	1,648
Iowa Central	5,491	5,731	5,733	5,904	6,204
Iowa Valley	2,829	2,800	2,986	3,322	3,154
Hawkeye	5,803	5,803	5,765	6,312	6,664
Eastern Iowa	7,192	7,329	6,975	8,480	9,365
Kirkwood	15,055	15,075	15,220	17,841	18,456
Des Moines Area	16,854	18,310	18,695	22,324	24,658
Western Iowa Tech	5,284	5,191	5,425	5,834	6,421
Iowa Western	5,375	5,300	5,642	6,100	6,799
Southwestern	1,383	1,464	1,468	1,680	1,753
Indian Hills	3,953	4,174	4,227	5,137	5,520
Southeastern	3,320	3,351	3,412	3,754	3,601
Total	84,961	87,062	88,104	100,736	106,597

Note: Each "r" denotes 500 students.

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

Table 2-2: Fall Enrollment by College and Status: Fall 2006

College	Enrollment Status		
	Full-Time	Part-Time	Total
Northeast	2,051	2,712	4,763
North Iowa Area	1,680	1,542	3,222
Iowa Lakes	1,579	1,634	3,213
Northwest Iowa	544	680	1,224
Iowa Central	2,419	3,072	5,491
Iowa Valley	1,487	1,342	2,829
Hawkeye	3,386	2,417	5,803
Eastern Iowa	3,305	3,887	7,192
Kirkwood	8,537	6,518	15,055
Des Moines Area	6,609	10,245	16,854
Western Iowa Tech	2,006	3,278	5,284
Iowa Western	2,897	2,478	5,375
Southwestern	771	612	1,383
Indian Hills	2,574	1,379	3,953
Southeastern	1,914	1,406	3,320
Total	41,759	43,202	84,961

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 and Workforce Preparation, Community College MIS.

Table 2-3: 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 and Workforce Preparation, Community College MIS.

Table 2-4: 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 and Workforce Preparation, Community College MIS.

Table 2-5: 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 and Workforce Preparation, Community College MIS.

Table 2-6: 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 and Workforce Preparation, Community College MIS.

Table 2-7: Fall Credit Hours: 2006-2010

College	2006 Hours	2007 Hours	2008 Hours	2009 Hours	2010 Hours
Northeast	43,756.50	44,096.75	44,916.75	51,719	50,181
North Iowa Area	21,148.00	21,849.00	34,889.00	37,914	37,732
Iowa Lakes	32,696.00	21,366.00	32,454.00	36,453	38,988
Northwest Iowa	12,382.00	12,138.00	12,950.00	15,787	16,240
Iowa Central	51,092.00	54,185.90	55,590.40	59,748	64,119
Iowa Valley	28,688.50	28,783.00	30,388.00	34,488	34,888
Hawkeye	60,749.00	60,661.00	60,088.00	65,538	68,928
Eastern Iowa	66,662.50	67,371.00	64,623.25	78,381	85,275
Kirkwood	154,600.00	154,313.00	152,297.50	177,971	184,662
Des Moines Area	143,974.00	154,822.00	161,547.00	194,179	211,828
Western Iowa Tech	45,216.00	44,499.00	46,768.00	53,180	60,649
Iowa Western	55,623.50	54,470.00	58,611.00	65,301	73,313
Southwestern	14,780.50	14,977.50	14,379.50	16,918	17,798
Indian Hills	21,313.00	33,892.00	33,990.50	40,645	43,949
Southeastern	34,576.20	34,177.80	34,810.90	38,725	37,586
Total	808,259	823,602	838,304	966,945	1,026,135

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

Table 2-8: Fall Credit Hours: Per Student 2006—2010

College	2006 Hours	2007 Hours	2008 Hours	2009 Hours	2010 Hours
Northeast	9.77	9.18	9.44	9.60	9.77
North Iowa Area	10.08	6.68	10.01	10.17	10.08
Iowa Lakes	11.22	6.74	10.61	11.00	11.22
Northwest Iowa	9.85	9.42	10.31	9.78	9.85
Iowa Central	10.34	9.45	9.70	10.12	10.34
Iowa Valley	11.06	10.28	10.18	10.38	11.06
Hawkeye	10.34	10.45	10.42	10.38	10.34
Eastern Iowa	9.11	9.19	9.26	9.24	9.11
Kirkwood	10.01	10.24	10.01	9.98	10.01
Des Moines Area	8.59	8.46	8.64	8.70	8.59
Western Iowa Tech	9.45	8.57	8.62	9.12	9.45
Iowa Western	10.78	10.28	10.39	10.71	10.78
Southwestern	10.15	10.23	9.80	10.07	10.15
Indian Hills	7.96	8.12	8.04	7.91	7.96
Southeastern	10.44	10.20	10.20	10.32	10.44

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

Table 2-9: Fall Enrollment by College and Program Type: Fall 2006

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,784	31	1,948	0
North Iowa Area	1,920	383	908	11
Iowa Lakes	1,870	461	882	0
Northwest Iowa	682	47	495	0
Iowa Central	3,635	429	1,402	25
Iowa Valley	2,224	216	389	0
Hawkeye	3,167	0	2,636	0
Eastern Iowa	4,327	4	2,861	0
Kirkwood	7,340	1,402	6,313	0
Des Moines Area	10,593	1,747	3,906	608
Western Iowa Tech	2,834	6	2,444	0
Iowa Western	3,302	22	1,698	353
Southwestern	849	122	377	35
Indian Hills	1,897	28	2,028	0
Southeastern	1,486	360	1,444	30
Total	48,910	5,258	29,731	1,062

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

Table 2-10: 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 and Workforce Preparation, Community College MIS.

Table 2-11: 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 and Workforce Preparation, Community College MIS.

Table 2-12: 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 and Workforce Preparation, Community College MIS.

Table 2-13: 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 and Workforce Preparation, Community College MIS.

Table 2-14: Fall Enrollment by Institution Type: 2010

Institution Type	Fall Enrollment
Public 4-year or Above	72,708
Private Non-profit 4-year or Above	52,975
Private for Profit 4-year or Above	128,081
Public 2-year	106,526
Private Non-Profit 2-year	242
Private For-Profit 2-year	1,426

Note: Each “|” denotes 5,000 students. Source: Iowa Coordinating Council on Post-secondary Education, Iowa College and University Enrollment Report.

Table 2-15: Fall Enrollment Projections: 2010-2014

Year	Actual Enrollment	Predicted Enrollment	Predicted Percent Gain
2008	106,597	133,920	13.1%
2009		103,290	-9.3%
2010		106,615	2.3%
2011		107,699	2.0%
2012		109,675	1.8%

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 2009*: Table 6

3

FISCAL YEAR CREDIT ENROLLMENT AND DEMOGRAPHICS

Fiscal year credit enrollment follows students through the 2009-2010 academic year. Duplicated headcounts include the same student each time 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 2010 to 149,175 students, which was a 10.6 percent enrollment growth since the prior year. This enrollment growth is well above the historical average. Between 2005 and 2009, enrollment grew an average of 2.6 percent each year (Figure 3-1).

Credit hours also rapidly grew this past semester to 2,236,939 hours, a 13.8 percent increase since the prior year. This rapid rise in credit hours reflected a rise in the number of courses taken by a student each year. Over the entire fiscal year 2010, students enrolled in an average of 15 credit hours (Figure 3-2).

Enrollment grew sharply for arts and sciences programs. These programs, which are designed to transfer to four-year colleges and universities, grew to 97,060 students—65 percent of overall enrollment (Figure 3-3). Meanwhile, career and technical education (CTE) programs declined 5,093 students to 40,172

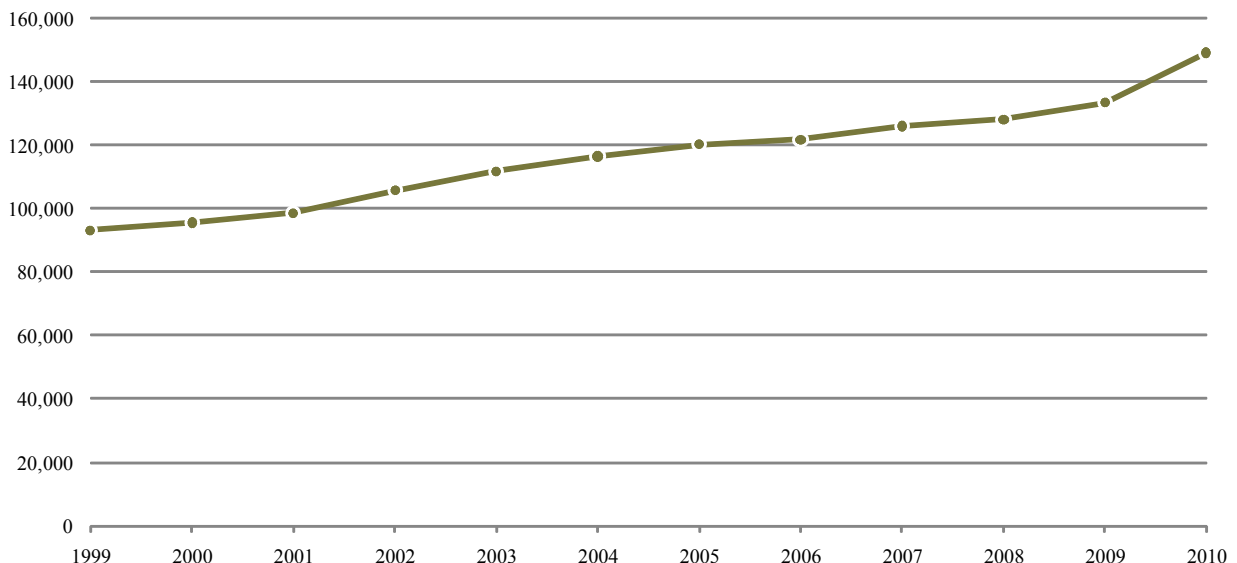
CREDIT ENROLLMENT

NUMBER OF STUDENTS:	GROWTH SINCE LAST YEAR:
149,175	↑ 10.6%
CREDIT HOURS:	CREDIT HOURS PER STUDENT:
2,236,939 <small>Up 13.8% since 2009</small>	15.0 <small>Up from 14.5 in 2009</small>
LARGEST PROGRAM MAJOR:	
COLLEGE PARALLEL	<small>65% of total enrollment</small>

students. The decline in CTE and rise in arts and sciences is attributable to the rise in joint enrollment (Section 5), where students usually major in arts and sciences programs.

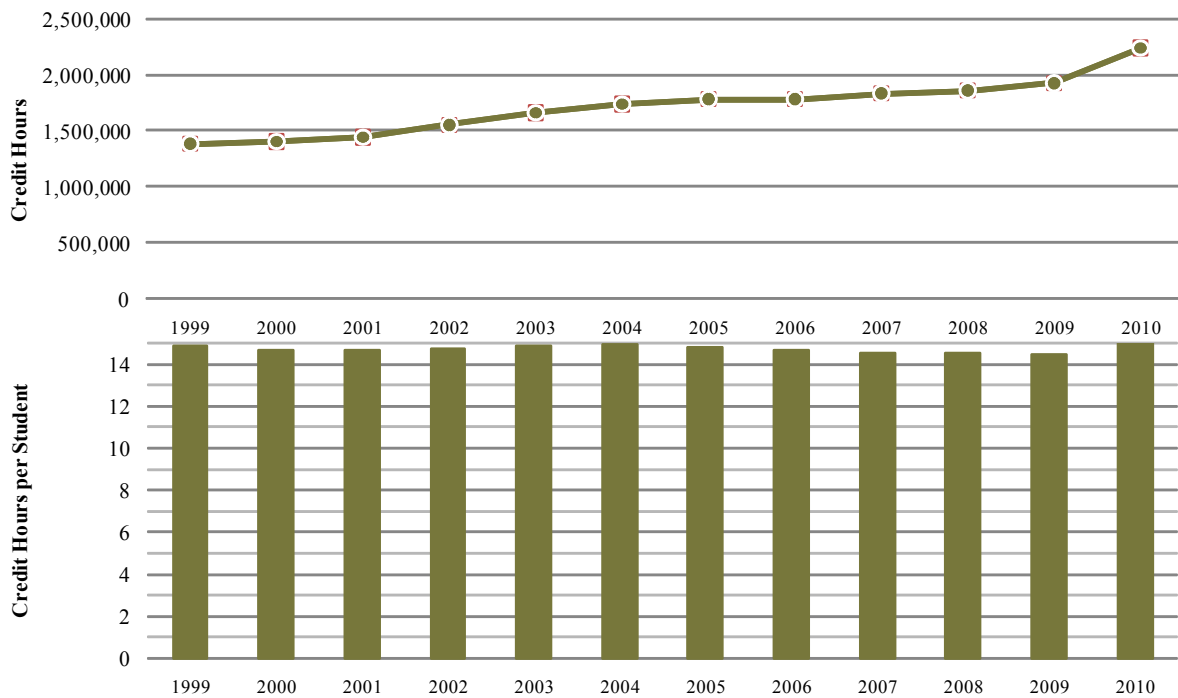
Health science remained the largest CTE program, followed by business management and administration, and then manufacturing (Figure 3-7). Enrollment in health science increased one percent to 19,577 students. Business management and administration enrolled 7,240 students, which was fifteen percent lower since last year and the second straight year of decline. Manufacturing, which is both the largest industry in Iowa and hardest hit

Figure 3-1: Fiscal Year Unduplicated Credit Enrollment: 1999-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Table 3-1.

Figure 3-2: Fiscal Year Credit Hours (top) and Average Credit Hours per Student (bottom): 1999-2010



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

by the 2008-09 recession, declined 5 percent to 3,613 students.

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

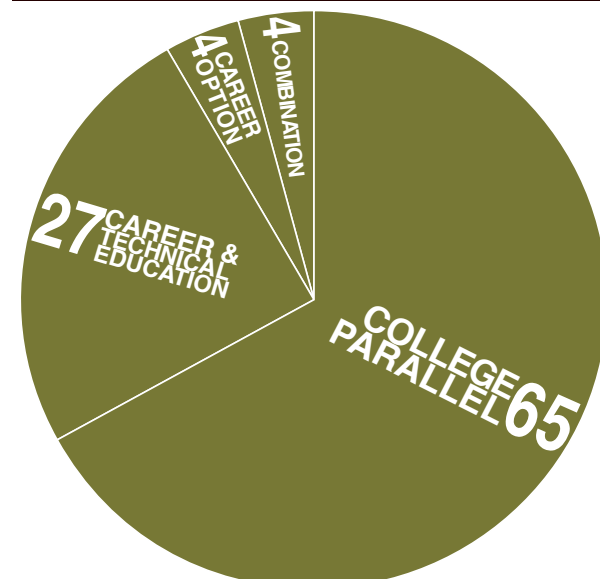
The typical community college student, as with prior years, is female, under 26, and white. However, the face of the typical student is changing slightly. Although predominately white, more minorities are enrolling in community colleges. Although the average age of a community college student is older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

Females continue to outnumber males in community colleges, 55.6 to 44.4 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 college is familiar in education. Females compose a majority of enrollment at the University of Iowa and the 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, the similar to the most recent national estimate (Snyder, Tan, and Hoffman, 2008). The average community college student is also older than a typical student at a four-year

Figure 3-3: Enrollment by Program Type



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

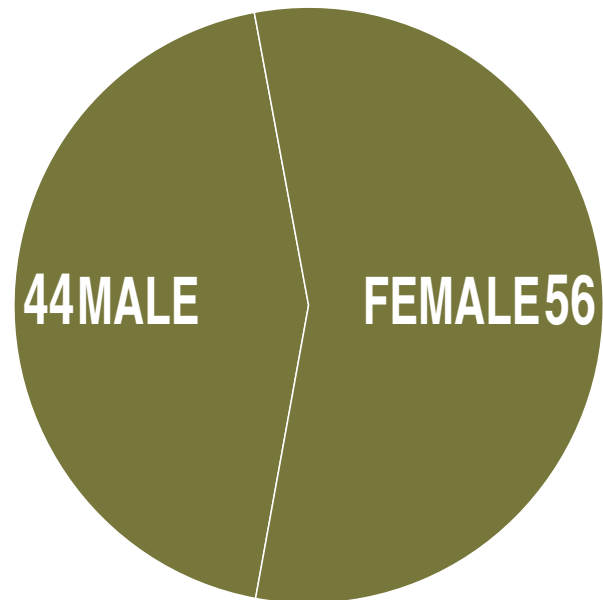
university. For instance, the average age for students attending an Iowa public university was slightly over 21 years-old (Iowa State Board of Regents, 2009).

Although community colleges serve an older population, most are traditional-age students who are under 25 years-old. The median student age was 21 years-old, which means half of the student population were under that age. Seventy-one percent of community college students were under 25 years-old (Figure 3-5).

Community colleges have become increasingly diverse. In 2006, 10 percent of students were racial or ethnic minorities. This proportion grew to 12 percent in 2009 and 14 percent in 2010.

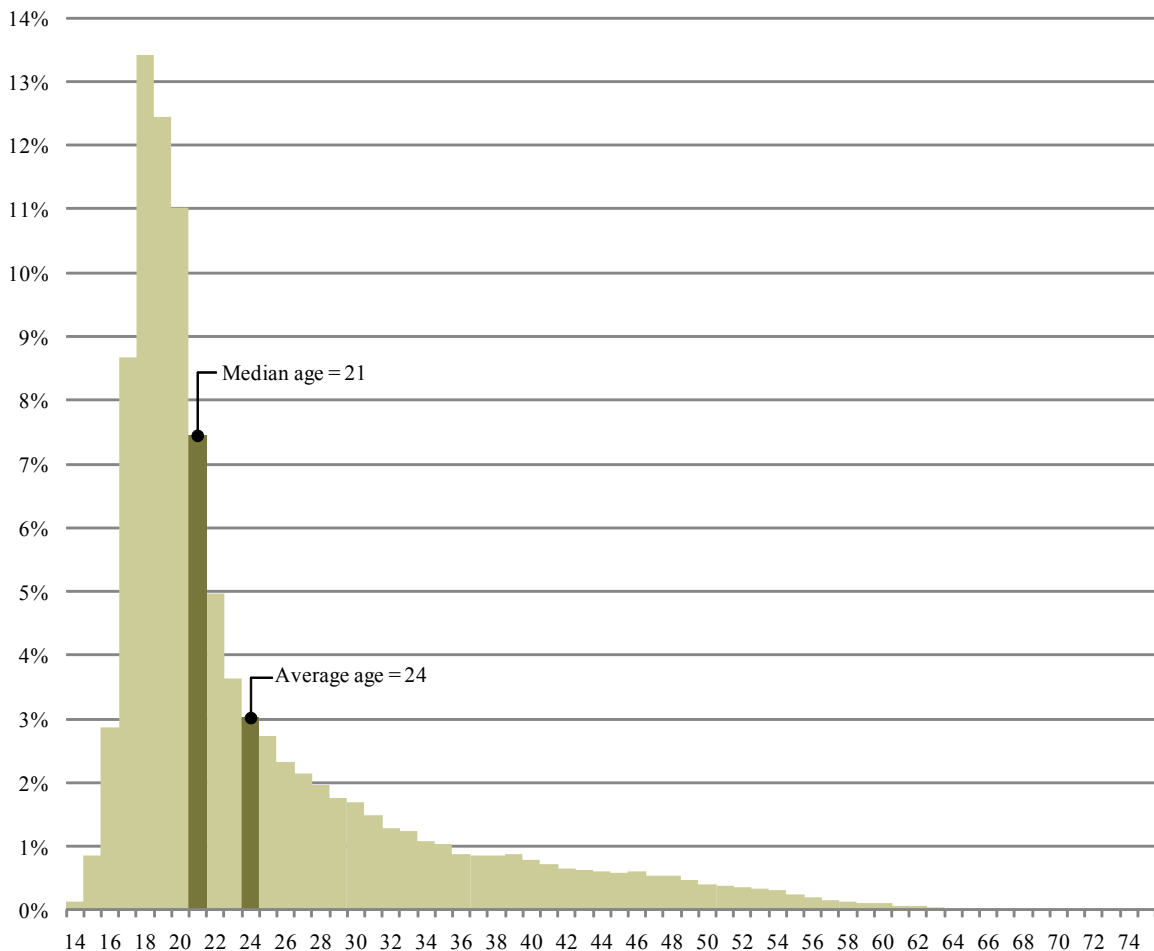
In 2010, the Iowa Department of Education changed its reporting methods for race. Students were allowed to identify themselves under multiple racial or ethnic categories. Eight-hundred thirty-five students, or 0.6 percent, claimed themselves as multi-racial.

Figure 3-4: Credit Student Gender



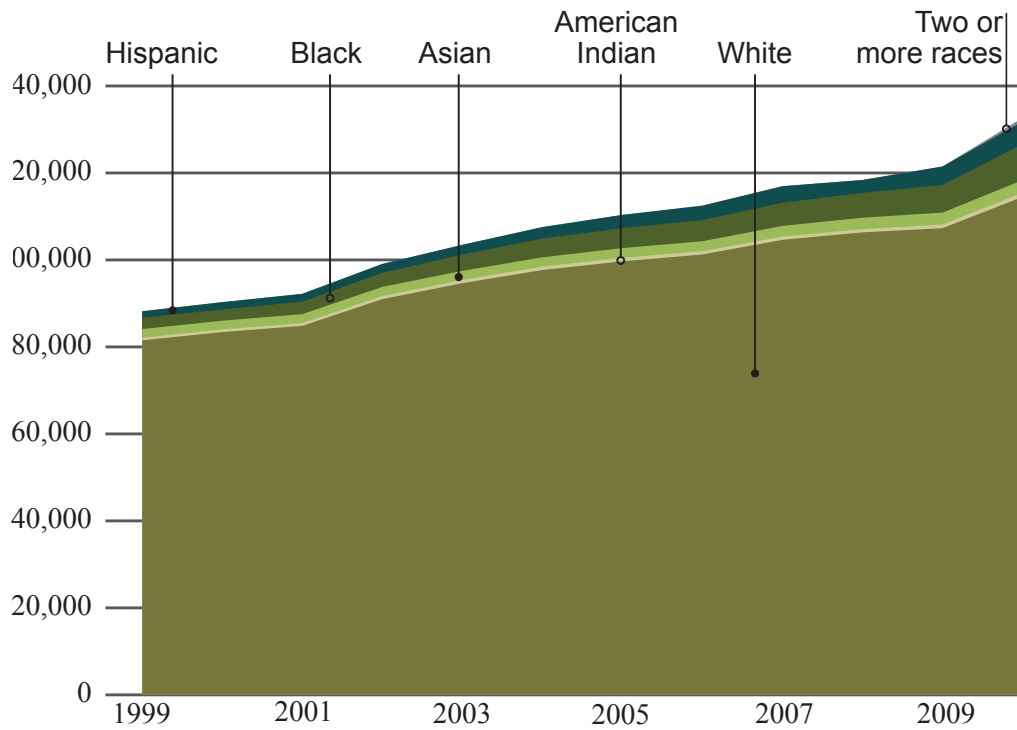
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 3-18.

Figure 3-5: Credit Student Age: 2010



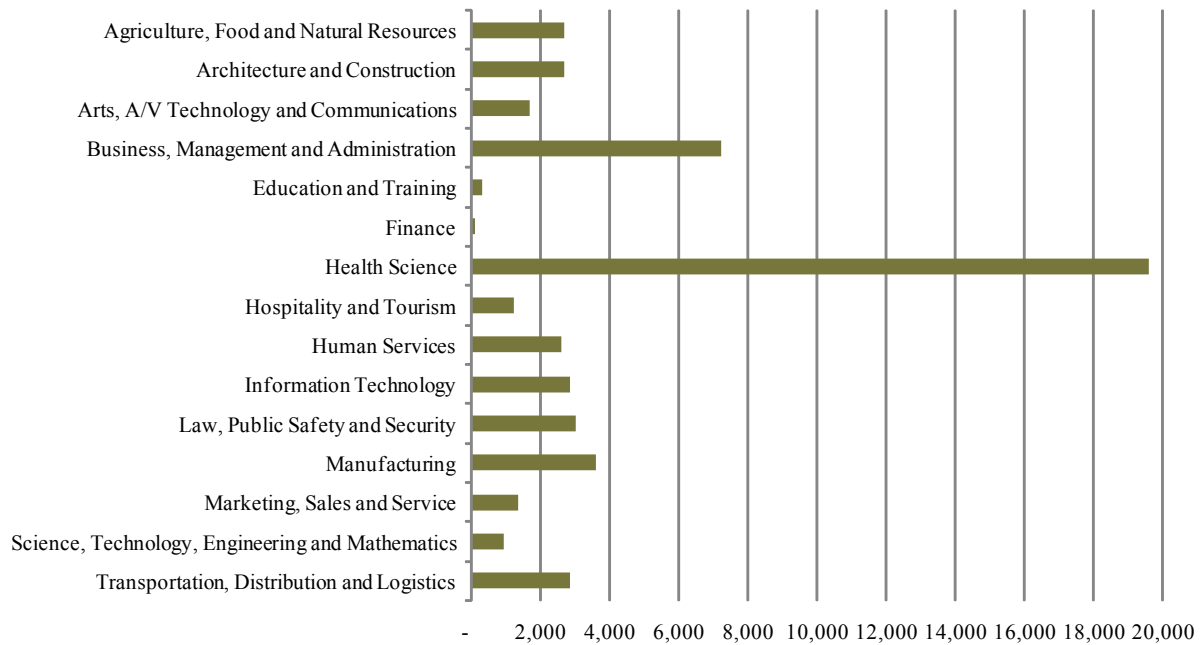
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 3-17.

Figure 3-6: Credit Enrollment by Race and Ethnicity: 1999-2010



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

Figure 3-7: Enrollment by Career and Technical Education Career Cluster: 2010



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

Table 3-1: Fiscal Year Unduplicated Credit Enrollment: 2006—2010

College	2006	2007	2008	2009	2010	Average Change 2006 to 2010
Northeast	7,033	6,739	6,827	7,047	7,741	2%
North Iowa Area	4,366	4,475	4,718	4,958	5,201	4%
Iowa Lakes	4,558	4,581	4,402	4,322	4,774	1%
Northwest	1,766	2,004	2,116	2,108	2,486	7%
Iowa Central	6,919	7,456	7,916	8,161	8,657	5%
Iowa Valley	3,869	4,023	3,977	4,176	4,460	3%
Hawkeye	7,837	8,376	8,374	8,691	9,464	4%
Eastern Iowa	11,355	11,114	11,278	11,609	13,452	3%
Kirkwood	20,418	21,674	21,461	22,606	25,658	5%
Des Moines Area	26,801	28,054	29,573	30,949	35,483	6%
Western Iowa Tech	7,802	7,665	7,570	7,630	8,196	1%
Iowa Western	6,610	6,888	6,855	7,299	8,097	4%
Southwestern	1,810	1,868	1,992	2,037	2,211	4%
Indian Hills	6,068	6,464	6,544	7,008	8,065	6%
Southeastern	4,541	4,609	4,543	4,786	5,230	3%
Total	121,753	125,990	128,146	133,387	149,175	4%

Note: Each "I" denotes 1,500 students. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-2: Fiscal Year Credit Hours: 2005—2009

College	2006	2007	2008	2009	2010	Average Change	
						2006 to 2007	2006 to 2010
Northeast	95,769	92,109	97,481	102,771	118,145	118,145	4.3%
North Iowa Area	66,246	66,027	68,219	74,898	80,476	80,476	4.0%
Iowa Lakes	70,472	71,587	69,415	71,822	84,096	84,096	3.6%
Northwest	26,690	28,512	29,668	29,557	35,260	35,260	5.7%
Iowa Central	103,484	108,405	117,381	122,711	135,545	135,545	5.5%
Iowa Valley	61,685	62,105	61,988	66,248	73,990	73,990	3.7%
Hawkeye	120,959	127,104	126,222	127,914	141,643	141,643	3.2%
Eastern Iowa	160,349	149,251	149,518	152,300	182,627	182,627	2.6%
Kirkwood	332,694	351,067	337,606	342,516	397,813	397,813	3.6%
Des Moines Area	325,384	345,204	371,161	394,903	478,186	478,186	8.0%
Western Iowa Tech	102,455	101,623	99,937	96,903	111,094	111,094	1.6%
Iowa Western	109,566	114,618	114,261	122,700	139,617	139,617	5.0%
Southwestern	29,499	32,455	32,228	32,217	36,586	36,586	4.4%
Indian Hills	100,558	107,736	109,797	114,089	135,617	135,617	6.2%
Southeastern	75,217	73,360	74,034	75,816	86,246	86,246	2.8%
Total	1,781,027	1,831,161	1,858,915	1,927,364	2,236,939	2,236,939	4.7%

Note: Each “|” denotes 20,000 credit hours. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-3: Fiscal Year Enrollment by College and Program Type: 2006

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,293	51	2,689	0	7,033
North Iowa Area	2,719	413	1,026	208	4,366
Iowa Lakes	2,749	545	1,152	112	4,558
Northwest	1,141	62	563	0	1,766
Iowa Central	4,755	500	1,448	216	6,919
Iowa Valley	3,043	251	575	0	3,869
Hawkeye	4,445	0	3,392	0	7,837
Eastern Iowa	7,101	11	4,219	24	11,355
Kirkwood	10,595	1,812	7,846	165	20,418
Des Moines Area	17,732	2,082	5,919	1,068	26,801
Western Iowa Tech	3,724	4	4,074	0	7,802
Iowa Western	4,208	24	1,840	538	6,610
Southwestern	1,161	124	484	41	1,810
Indian Hills	2,688	45	2,942	393	6,068
Southeastern	2,111	369	2,061	0	4,541
Total	72,465	6,293	40,230	2,765	121,753

NOTE: Each "I" denotes 1,000 students.

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

Table 3-4: 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 "I" denotes 1,000 students.

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

Table 3-5: 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 and Workforce Preparation, Community College MIS.

Table 3-6: 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 and Workforce Preparation, Community College MIS.

Table 3-7: 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 "I" denotes 1,000 students. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-8: Fiscal Year Enrollment by College and Career Cluster: 2006

	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	207	34	179	0	50	85	181	125	721	224	66	62	17	24	110	2,085
Architecture and Construction	160	48	111	162	140	90	119	133	377	449	389	107	132	59	82	2,558
Arts, A/V Technology and Communications	0	0	107	0	79	22	298	90	681	265	99	117	39	0	59	1,856
Business, Management and Administration	544	524	192	93	225	111	214	499	1,349	2,996	676	151	129	178	360	8,241
Education and Training	0	18	0	0	0	0	0	38	82	63	7	70	0	0	0	278
Finance	0	5	0	0	0	0	0	0	94	0	10	0	0	0	0	109
Government and Public Administration	49	0	0	0	0	0	0	0	255	357	0	0	0	0	0	661
Health Science	1,209	642	830	120	610	317	1,528	2,130	3,130	1,810	1,669	1,164	135	1,904	1,230	18,428
Hospitality and Tourism	0	24	62	0	0	0	0	125	332	238	0	72	0	51	0	904
Human Services	69	0	53	0	157	31	102	113	336	261	121	86	0	97	73	1,499
Information Technology	157	102	62	36	60	43	120	255	743	511	90	103	90	362	70	2,804
Law, Public Safety and Security	0	139	104	0	246	74	173	30	820	842	283	0	0	125	126	2,962
Manufacturing	102	58	17	141	367	37	386	215	330	321	165	63	27	452	152	2,833
Marketing, Sales and Service	110	8	25	0		16	59	0	328	641	72	81	0	0	0	1,340
Science, Technology, Engineering and Mathematics	18	0	1	0	8	0	12	202	135	0	5	31	0	29	0	441
Transportation, Distribution and Logistics	115	75	146	73	288	0	200	326	329	455	426	215	80	310	168	3,206
College Transfer (Parallel)	4,293	2,991	2,851	1,141	4,963	3,043	4,445	7,125	10,737	20,223	3,724	5,759	1,318	3,082	2,111	77,806
Total	7,033	4,668	4,740	1,766	7,193	3,869	7,837	11,406	20,779	29,656	7,802	8,081	1,967	6,673	4,541	128,011

NOTE: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org>.

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

Table 3-9: 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, A/V 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: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org>.

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

Table 3-10: 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		96	22	260	92	880	287	81	111	39		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: Definitions of Career Clusters can be obtained from <http://www.careerclusters.org>.

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

Table 3-11: 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, AV 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 and Workforce Preparation, Community College MIS.

Table 3-12: 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 and Workforce Preparation, Community College MIS.

Table 3-13: Fiscal Year Enrollment by College and Age Groups: 2006

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	966	3,819	722	392	522	566	42	4	7,033
North Iowa Area	382	2,438	437	228	300	428	128	25	4,366
Iowa Lakes	709	2,343	398	268	323	375	85	57	4,558
Northwest	188	1,150	158	65	86	90	4	25	1,766
Iowa Central	1,191	4,033	623	270	383	321	39	59	6,919
Iowa Valley	374	2,074	401	219	304	331	143	23	3,869
Hawkeye	438	4,426	1,232	590	649	456	41	5	7,837
Eastern Iowa	704	5,276	1,625	1,023	1,409	1,097	95	126	11,355
Kirkwood	896	11,216	3,190	1,576	1,841	1,488	150	61	20,418
Des Moines Area	3,698	13,248	3,346	1,731	2,217	1,906	236	419	26,801
Western Iowa Tech	1,091	3,564	948	560	813	674	75	77	7,802
Iowa Western	706	3,763	736	403	559	410	26	7	6,610
Southwestern	186	1,032	159	102	166	145	20	0	1,810
Indian Hills	344	2,735	740	459	702	707	103	278	6,068
Southeastern	349	2,185	545	335	521	504	63	39	4,541
Total	12,222	63,302	15,260	8,221	10,795	9,498	1,250	1,205	121,753
% of Total	10%	52%	13%	7%	9%	8%	1%	1%	100%

NOTE: Each "||" denotes 500 students.

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

Table 3-14: 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 and Workforce Preparation, Community College MIS.

Table 3-15: 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 and Workforce Preparation, Community College MIS.

Table 3-16: 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 and Workforce Preparation, Community College MIS.

Table 3-17: 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 and Workforce Preparation, Community College MIS.

Table 3-18: Fiscal Year Enrollment by College and Gender: 2006-2010

College	2006		2007		2008		2009		2010											
	Male	Percent Female Percent	Male	Percent Female Percent	Male	Percent Female Percent	Male	Percent Female Percent	Male	Percent Female Percent										
Northeast	2,686	38.2%	4,347	61.8%	2,716	40.3%	4,023	59.7%	2,801	39.7%	4,246	60.3%	2,801	39.7%	4,246	39.7%	3,101	40.1%	4,640	40.1%
North Iowa Area	1,871	42.9%	2,495	57.1%	1,965	43.9%	2,509	56.1%	2,257	45.5%	2,701	54.5%	2,257	45.5%	2,701	45.5%	2,336	44.9%	2,865	44.9%
Iowa Lakes	1,855	40.7%	2,703	59.3%	1,957	42.7%	2,624	57.3%	1,853	43.2%	2,437	56.8%	1,853	43.2%	2,437	43.2%	2,080	44.0%	2,646	44.0%
Northwest	787	44.6%	979	55.4%	887	44.3%	1,114	55.7%	957	45.4%	1,150	54.6%	957	45.4%	1,150	45.4%	1,112	44.7%	1,374	44.7%
Iowa Central	3,448	49.8%	3,471	50.2%	3,736	50.1%	3,720	49.9%	3,911	48.0%	4,245	52.0%	3,911	48.0%	4,245	48.0%	4,216	48.7%	4,441	48.7%
Iowa Valley	1,572	40.6%	2,297	59.4%	1,690	42.0%	2,333	58.0%	1,757	42.1%	2,419	57.9%	1,757	42.1%	2,419	42.1%	1,963	44.0%	2,496	44.0%
Hawkeye	3,302	42.1%	4,535	57.9%	3,576	42.7%	4,800	57.3%	3,892	44.8%	4,798	55.2%	3,892	44.8%	4,798	44.8%	4,294	45.4%	5,170	45.4%
Eastern Iowa	4,440	39.4%	6,825	60.6%	4,429	39.9%	6,685	60.1%	4,857	41.8%	6,752	58.2%	4,857	41.8%	6,752	41.8%	5,776	42.9%	7,676	42.9%
Kirkwood	9,200	45.1%	11,218	54.9%	9,832	45.5%	11,768	54.5%	10,521	46.6%	12,060	53.4%	10,521	46.6%	12,060	46.6%	12,047	47.1%	13,523	47.1%
Des Moines Area	11,766	43.9%	15,035	56.1%	12,362	44.1%	15,692	55.9%	13,642	44.1%	17,307	55.9%	13,642	44.1%	17,307	44.1%	16,009	45.1%	19,474	45.1%
Western Iowa Tech	3,346	42.9%	4,456	57.1%	3,206	41.8%	4,459	58.2%	3,153	41.6%	4,418	58.4%	3,153	41.6%	4,418	41.6%	3,368	41.7%	4,700	41.7%
Iowa Western	2,742	41.5%	3,868	58.5%	2,963	43.0%	3,925	57.0%	3,118	42.7%	4,181	57.3%	3,118	42.7%	4,181	42.7%	3,546	43.8%	4,551	43.8%
Southwestern	792	43.8%	1,018	56.2%	744	39.8%	1,124	60.2%	754	37.0%	1,283	63.0%	754	37.0%	1,283	37.0%	793	35.9%	1,418	35.9%
Indian Hills	2,327	39.2%	3,607	60.8%	2,465	39.2%	3,829	60.8%	2,703	40.2%	4,025	59.8%	2,703	40.2%	4,025	40.2%	3,284	42.9%	4,375	42.9%
Southeastern	1,637	36.1%	2,894	63.9%	1,661	36.0%	2,948	64.0%	1,715	35.8%	3,070	64.2%	1,715	35.8%	3,070	35.8%	2,010	38.4%	3,220	38.4%
Total	51,771	42.6%	69,748	57.4%	54,189	43.1%	71,553	56.9%	57,891	43.0%	75,092	57.0%	57,891	43.5%	75,092	56.5%	65,935	44.4%	82,569	55.6%

Note: Unknown students were omitted from the chart. In fiscal year 2006: 234 (0.19%) did not report a gender; fiscal year 2007: 258 (0.21%); fiscal year 2008: 175 (0.14%); fiscal year 2009: 404 (0.3%); fiscal year 2010: 671 (0.5%). Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-19: Fiscal Year Enrollment by College and Ethnicity/Race: 2006

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	16	42	90	55	6,205	625	7,033
North Iowa Area	11	58	128	100	4,010	59	4,366
Iowa Lakes	17	36	42	49	4,343	71	4,558
Northwest	3	5	3	16	1,625	114	1,766
Iowa Central	15	140	252	306	5,848	358	6,919
Iowa Valley	79	66	163	168	3,229	164	3,869
Hawkeye	28	96	652	123	6,792	146	7,837
Eastern Iowa	89	197	669	512	9,071	817	11,355
Kirkwood	173	350	834	413	16,776	1,872	20,418
Des Moines Area	110	899	1,394	751	20,822	2,825	26,801
Western Iowa Tech	128	182	167	417	6,028	880	7,802
Iowa Western	30	85	225	145	5,329	796	6,610
Southwestern	5	14	27	26	1,738	0	1,810
Indian Hills	32	61	73	106	5,440	356	6,068
Southeastern	15	59	155	121	4,000	191	4,541
Total	751	2,290	4,874	3,308	101,256	9,274	121,753

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

Table 3-20: 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 and Workforce Preparation, Community Colleges MIS.

Table 3-21: 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 and Workforce Preparation, Community Colleges MIS.

Table 3-22: 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 and Workforce Preparation, Community Colleges MIS.

Table 3-23: 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 3-24: Fiscal Year Enrollment by College and Residency: 2006

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent	Count	Percent	Count	Percent	
Northeast	6,414	91.2%	592	8.4%	27	0.4%	7,033
North Iowa Area	4,125	94.5%	199	4.6%	42	1.0%	4,366
Iowa Lakes	4,183	91.6%	369	8.1%	13	0.3%	4,565
Northwest	1,678	95.0%	88	5.0%	0	0.0%	1,766
Iowa Central	6,642	95.8%	236	3.4%	55	0.8%	6,933
Iowa Valley	3,620	93.6%	161	4.2%	88	2.3%	3,869
Hawkeye	7,769	99.1%	41	0.5%	27	0.3%	7,837
Eastern Iowa	10,234	89.9%	1,083	9.5%	67	0.6%	11,384
Kirkwood	19,779	96.7%	431	2.1%	247	1.2%	20,457
Des Moines Area	26,205	97.5%	397	1.5%	266	1.0%	26,868
Western Iowa Tech	6,835	87.6%	967	12.4%	0	0.0%	7,802
Iowa Western	5,305	80.3%	1,225	18.5%	80	1.2%	6,610
Southwestern	1,711	94.5%	87	4.8%	12	0.7%	1,810
Indian Hills	5,761	94.9%	276	4.6%	31	0.5%	6,068
Southeastern	3,828	84.3%	694	15.3%	20	0.4%	4,542
Total	114,089	93.6%	6,846	5.6%	975	0.8%	121,910

NOTE: Eastern Iowa reported one student without a residency.

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

Table 3-25: 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 and Workforce Preparation, Community College MIS.

Table 3-26: 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. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-27: 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 nine students with an unknown residency, Eastern Iowa reported seven students without a residency, and Kirkwood reported four students. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 3-28: 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. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, 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 23.4 percent in fiscal year 2010 to 52,700 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).

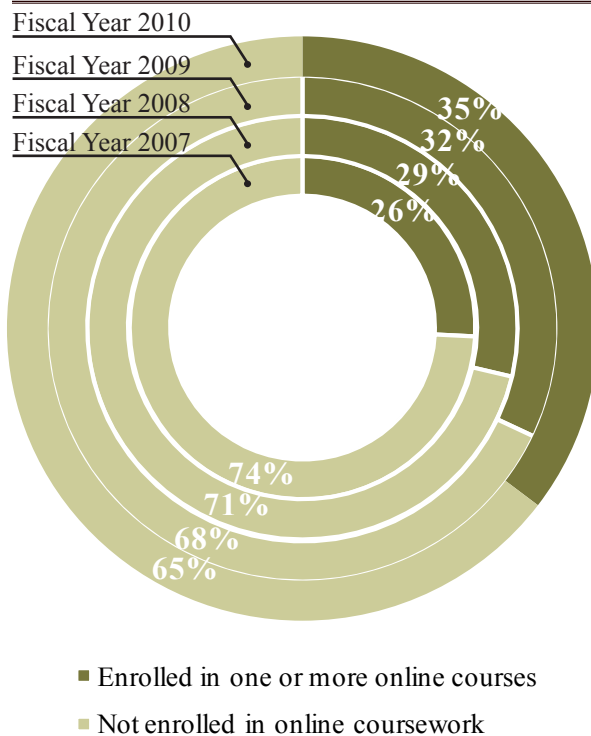
Students were also enrolling in more credit hours.

ONLINE CREDIT ENROLLMENT

NUMBER OF STUDENTS:	CHANGE SINCE LAST YEAR:
52,700	↑ 23.4%
CREDIT HOURS:	ONLINE CREDIT HOURS PER STUDENT:
363,991	2.4
<small>Up 31.6% since 2009.</small>	<small>Up 17.7% since 2009.</small>
ONLINE CREDIT HOURS PER STUDENT ENROLLED IN ONLINE COURSEWORK:	CHANGE SINCE LAST YEAR:
6.9	↑ 6.6%

Community college students enrolled in online coursework enrolled in an average of 6.9 credit hours of online courses — 6.6 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 17.7 percent to 2.4 credit hours. In fiscal year 2010, 16.3 percent of credit hours were delivered online (Figure 4-2).

Figure 4-1: Fiscal Year Online Credit Enrollment: 2007-2010



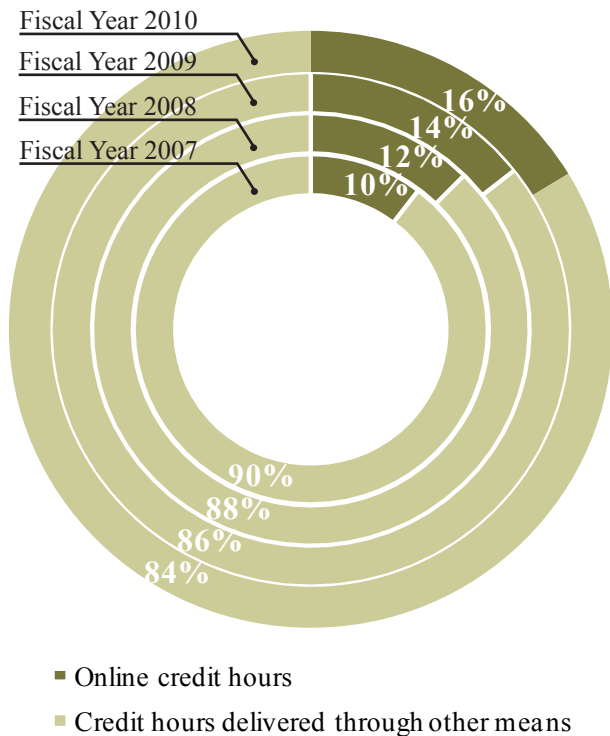
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-1.

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. More than 62 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 2010, nearly 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 68 percent since fiscal year 2007 -- faster than other program types.

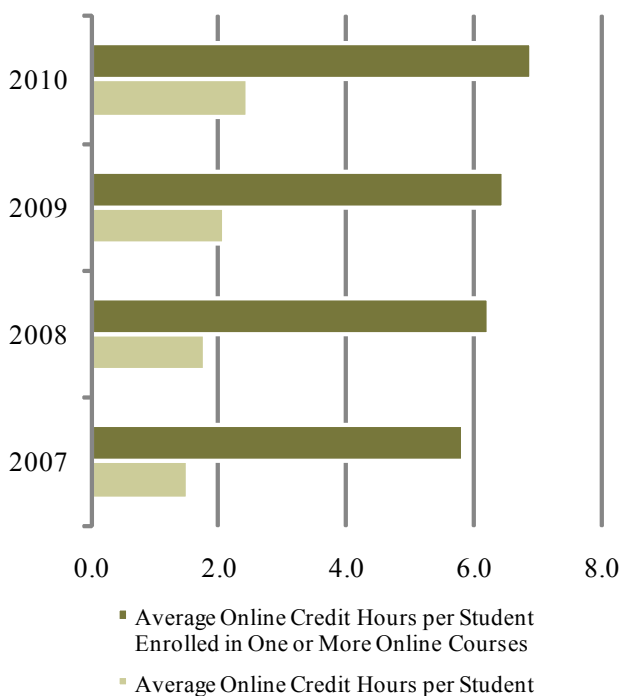
Enrollment of CTE students in online coursework has increased, however when disaggregated by program major, there is significant variation between career clusters. As with total enrollment, the Health Sciences cluster is the largest with 8,615 students enrolled in one or more online courses (Figure 4-5). The courses may or may not be within the cluster, but students within

Figure 4-2: Fiscal Year Online Credit Hours: 2007-2010



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

Figure 4-3: Average Online Credit Hours per Student: 2007-2010



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

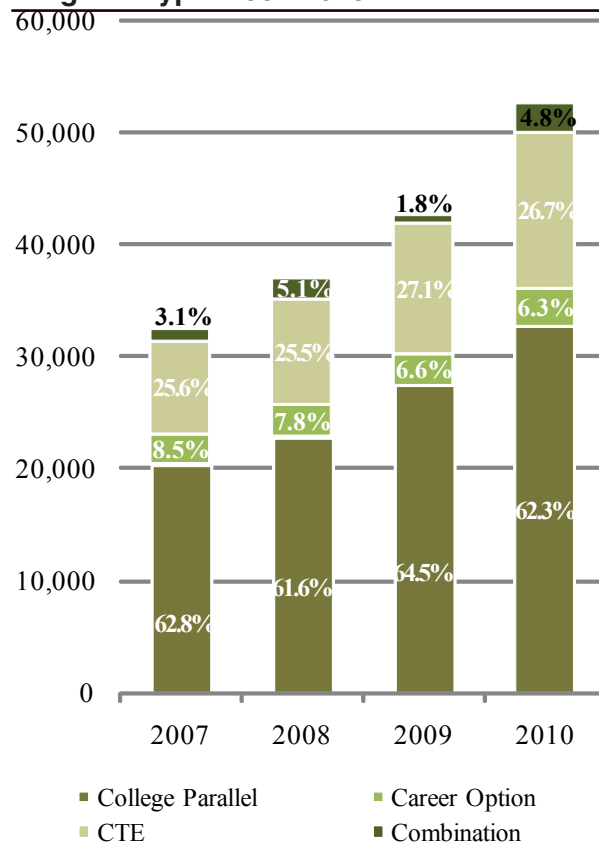
the program area are increasingly enrolling in online courses. The Human Services cluster had the largest percentage growth in online enrollment — increasing by two thirds over fiscal year 2009. Most other clusters also experienced significant growth in the number of students taking one or more online 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, 58,238, delivered online (Table 4-7). The Business, Management, and Administration cluster had the largest share of credit hours delivered online (26.4 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 (2.1 percent) followed by Architecture and Construction (3.8 percent).

Jointly Enrolled Students

Jointly enrolled students are less likely to be enrolled in online coursework than the general student body. In

Figure 4-4: Online Credit Enrollment by Program Type: 2007-2010



NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Tables 4-3 through 4-6.

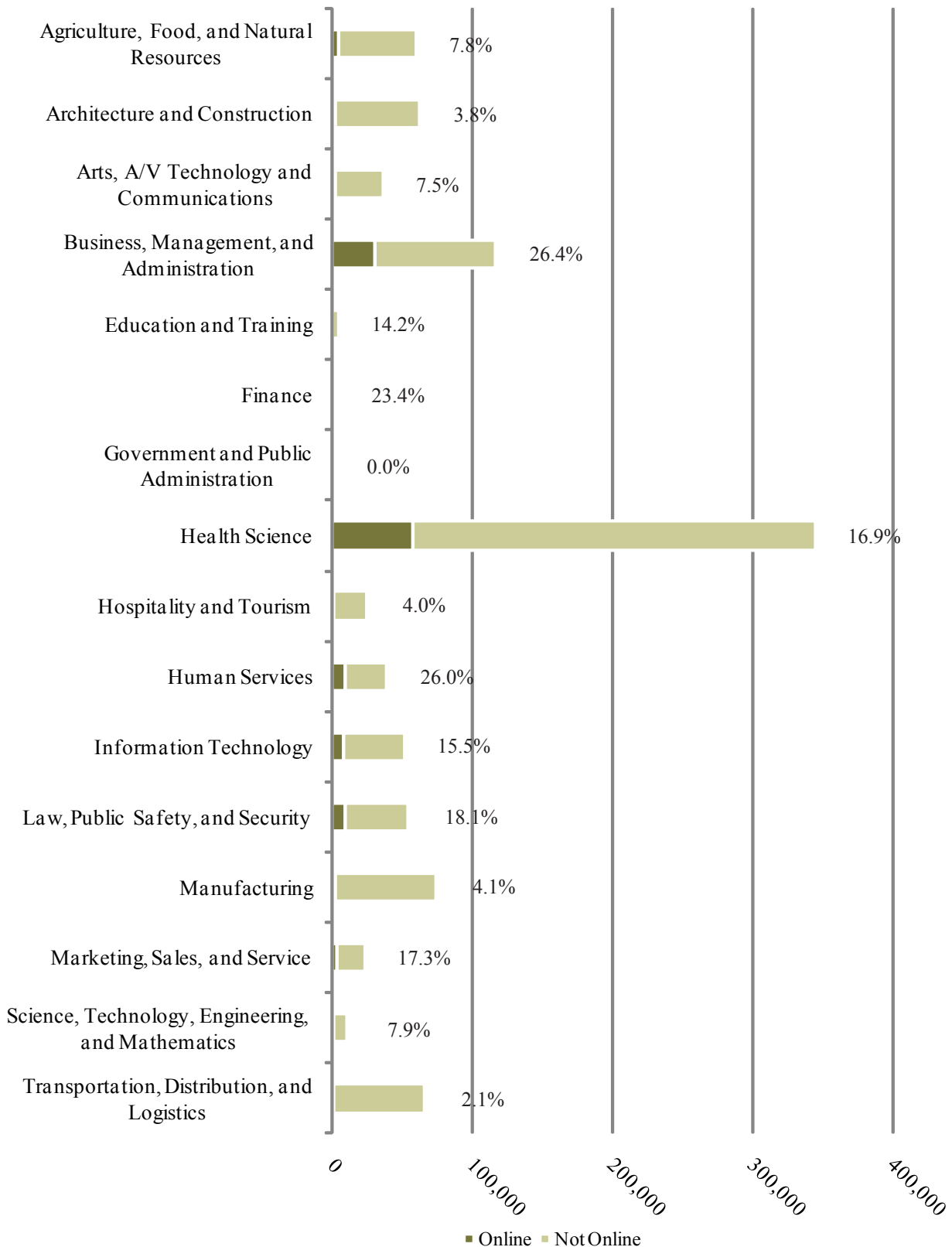
Figure 4-5: Online Credit Career and Technical Education Enrollment (in one or more courses) by Career Cluster: 2007-2010



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

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-8.

Figure 4-6: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2010



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

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-9.

fiscal year 2010, 14.3 percent of jointly enrolled students enrolled in one or more online courses compared with more than a third of the total student body (Figure 4-7). Additionally, only 9 percent of joint enrollment credit hours were delivered online compared with 16 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 2010, slightly more than 66 percent 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 decreased slightly from fiscal year 2009.

Students enrolled in online coursework are older than the overall student body. The average age of students taking one or more online courses is 25.8 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 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

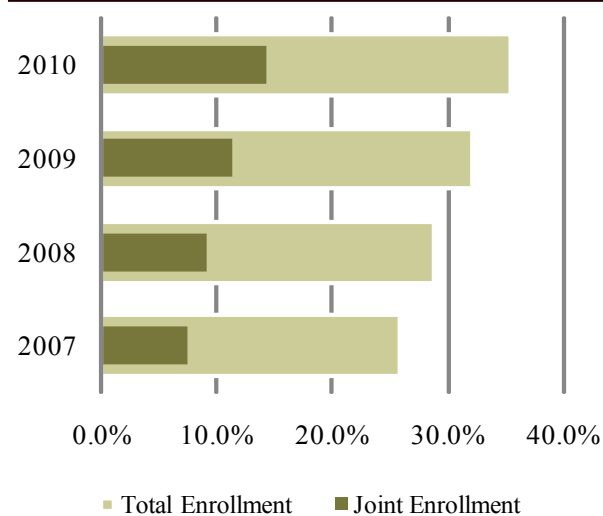
TYPICAL STUDENT TAKING ONLINE COURSEWORK



minority backgrounds enrolled in online coursework than white students. Only 26.9 percent of Hispanic students and 27.9 percent of black students enrolled in online coursework compared with 33.4 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.

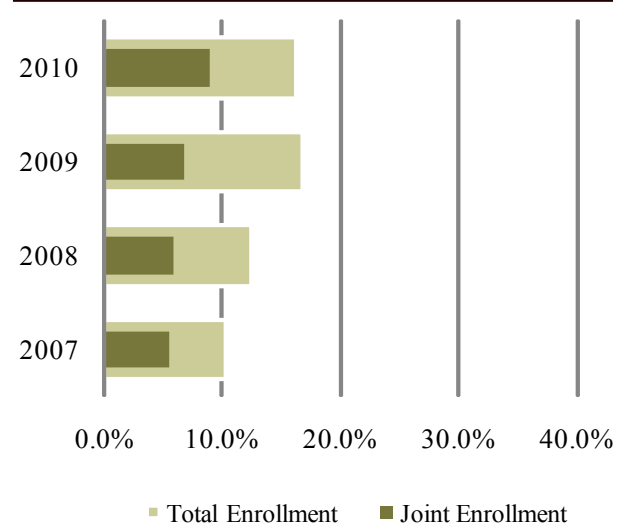
As with the overall student body, students taking online coursework are predominantly residents of Iowa. Approximately 89 percent of students taking one or more online courses are residents (Figure 4-10). However, the number of out-of-state students enrolling in online coursework increased 113 percent from fiscal year 2007.

Figure 4-7: Online Credit Joint Enrollment: 2007-2010



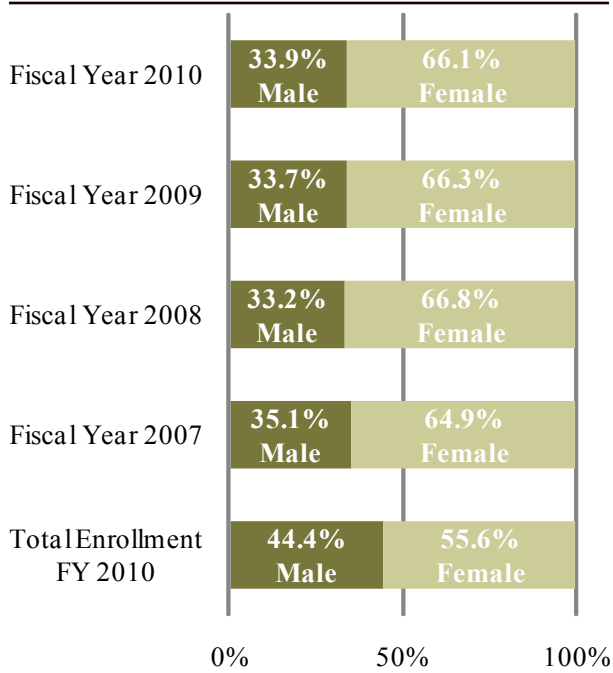
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Tables 4-10 through 4-13.

Figure 4-8: Online Credit Joint Enrollment: Credit Hours 2007-2010



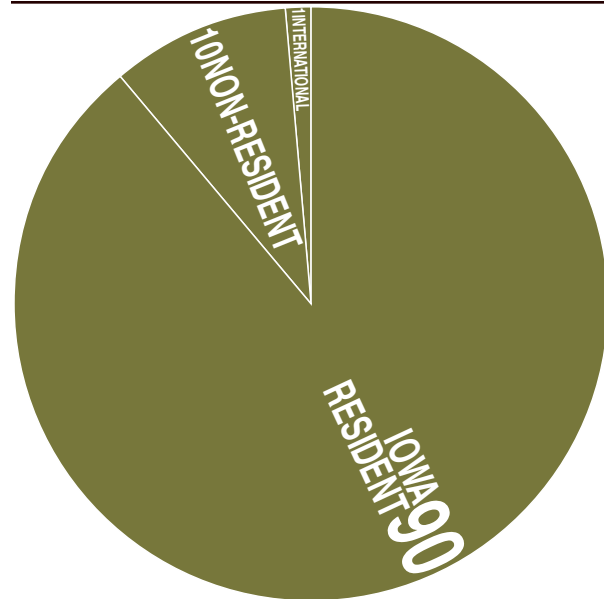
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Tables 4-10 through 4-13.

Figure 4-9: Online Credit Enrollment (taken one or more online courses) and Total Enrollment by Gender: 2007-2010



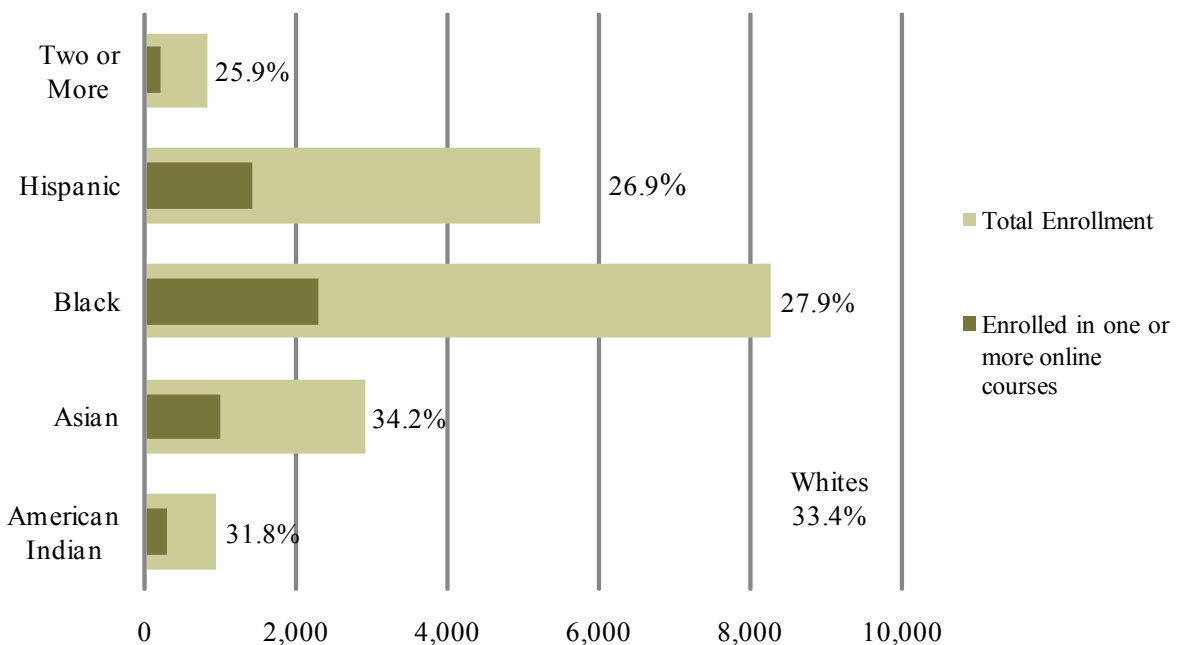
NOTE: WITCC did not report online enrollment in FY 2007.
 SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Tables 4-14 through 4-17.

Figure 4-10: Online Credit Student Residency: 2010



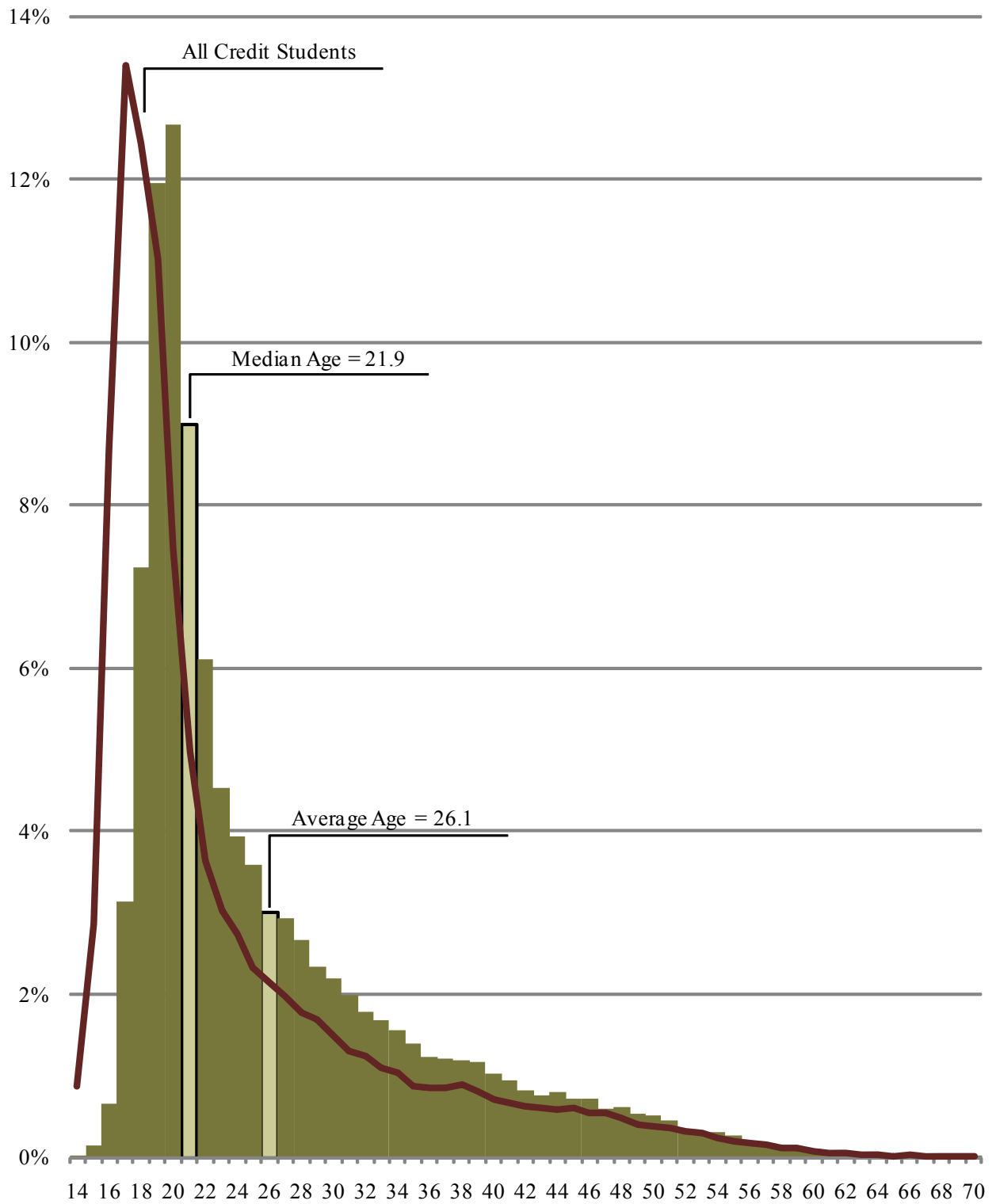
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-29.

Figure 4-11: Online Credit Student (enrolled in one or more online courses) and Total Student Racial/Ethnic Background: 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-25.

Figure 4-12: Online Credit Student (enrolling in one or more online courses) Age: 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 4-21.

Table 4-1: Online Credit Enrollment by College: 2007-2010

College	2007	2008	2009	2010	Avg. Annual Change FY 2007-FY 2010
Northeast	1,598	1,714	2,165	3,763	23.9%
North Iowa Area	1,772	1,995	2,280	2,637	10.4%
Iowa Lakes	1,367	1,459	1,555	1,806	7.2%
Northwest Iowa	743	835	867	1,068	9.5%
Iowa Central	2,475	2,923	3,397	3,818	11.4%
Iowa Valley	1,529	1,515	1,723	2,000	6.9%
Hawkeye	3,502	1,833	2,145	2,421	-8.8%
Eastern Iowa	3,088	3,814	4,428	5,268	14.3%
Kirkwood	5,091	4,951	5,706	6,952	8.1%
Des Moines Area	6,047	6,890	7,991	9,919	13.2%
Western Iowa Tech	0*	2,729	3,190	3,697	10.6%
Iowa Western	1,789	1,712	2,104	3,140	15.1%
Southwestern	605	932	1,088	1,269	20.3%
Indian Hills	1,573	1,938	2,362	2,888	16.4%
Southeastern	1,371	1,536	1,693	2,054	10.6%
Total	32,550	36,776	42,694	52,700	12.8%

NOTE: Each bar “|” denotes 500 enrollees. * WITCC did not report online enrollment in FY 2007; average change includes fiscal years 2008-2010 only. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation.

Table 4-2: Credit Hours Delivered Online by College: 2007-2010

College	2007	2008	2009	2010	Avg. Annual Change FY 2007-FY 2010
Northeast	7,779	9,445	12,780	26,402	35.7%
North Iowa Area	5,969	6,627	8,003	10,369	14.8%
Iowa Lakes	9,252	10,078	10,983	13,424	9.8%
Northwest Iowa	4,289	4,897	5,265	7,512	15.0%
Iowa Central	15,327	20,649	24,294	28,681	17.0%
Iowa Valley	9,332	9,636	11,464	13,708	10.1%
Hawkeye	19,228	9,397	11,033	12,819	-9.6%
Eastern Iowa	20,780	26,315	32,571	41,318	18.7%
Kirkwood	27,596	27,843	33,954	45,762	13.5%
Des Moines Area	37,380	44,650	53,913	69,047	16.6%
Western Iowa Tech	0*	20,578	23,471	28,569	11.6%
Iowa Western	12,310	11,598	14,976	22,689	16.5%
Southwestern	3,015	5,580	6,797	8,625	30.1%
Indian Hills	9,553	12,192	15,499	20,230	20.6%
Southeastern	8,473	10,439	11,594	14,838	15.0%
Total	190,282	229,923	276,597	363,991	17.6%

NOTE: Each bar “|” denotes 3,000 credit hours. * WITCC did not report online enrollment in FY 2007; average change includes fiscal years 2008-2010 only. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation.

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 and Workforce Preparation.

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 and Workforce Preparation.

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 "I" denotes 100 enrollees.

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

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 "I" denotes 100 enrollees.

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

Table 4-7: Online Credit Enrollment by College and Program Type (Proportion): 2010

College	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast	46.6%	0.3%	53.2%	0.0%	100.0%
North Iowa Area	60.4%	14.5%	16.8%	8.4%	100.0%
Iowa Lakes	63.9%	12.8%	23.2%	0.0%	100.0%
Northwest Iowa	80.5%	5.9%	13.7%	0.0%	100.0%
Iowa Central	68.0%	15.3%	12.4%	4.3%	100.0%
Iowa Valley	80.9%	6.4%	12.7%	0.0%	100.0%
Hawkeye	72.3%	0.0%	27.7%	0.0%	100.0%
Eastern Iowa	68.5%	0.0%	31.5%	0.0%	100.0%
Kirkwood	52.2%	8.7%	32.7%	6.5%	100.0%
Des Moines Area	61.5%	16.4%	14.1%	8.0%	100.0%
Western Iowa Tech	51.2%	0.0%	48.7%	0.0%	100.0%
Iowa Western	64.5%	0.7%	25.6%	9.2%	100.0%
Southwestern	76.0%	8.4%	12.3%	3.3%	100.0%
Indian Hills	38.1%	0.7%	36.8%	24.5%	100.0%
Southeastern	76.4%	7.7%	15.8%	0.0%	100.0%

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

Table 4-8: Online Credit Career & Technical Education Enrollment (in one or more online courses) by Career Cluster Program Major: 2007-2010

Career Cluster	2007	2008	2009	2010	Avg. Annual Change FY 2007-2010
Agriculture, Food, and Natural Resources	478	472	555	695	9.81%
Architecture and Construction	269	295	343	534	18.70%
Arts, A/V Technology and Communications	314	316	368	446	9.17%
Business, Management, and Administration	2,548	2,911	3,031	3,691	9.71%
Education and Training	141	154	114	121	-3.75%
Finance	45	53	59	57	6.09%
Government and Public Administration	165	211	157	0	-100.00%
Health Science	4,553	5,247	6,495	8,615	17.28%
Hospitality and Tourism	156	163	166	201	6.54%
Human Services	386	569	650	1,083	29.42%
Information Technology	836	879	989	1,198	9.41%
Law, Public Safety, and Security	1,055	1,196	1,157	1,222	3.74%
Manufacturing	330	337	398	502	11.06%
Marketing, Sales, and Service	390	385	374	544	8.68%
Science, Technology, Engineering, and Mathematics	62	90	121	152	25.13%
Transportation, Distribution, and Logistics	179	197	214	293	13.11%
Total	11,907	13,475	15,191	19,354	12.91%

NOTE: Each bar "||" denotes 100 enrollees.

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

Table 4-9: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2010

Career Cluster	Credit Hours		Percentage of Total
	Delivered Online	Total Delivered	
Agriculture, Food, and Natural Resources	4,702	60,108	7.8%
Architecture and Construction	2,372	62,446	3.8%
Arts, A/V Technology and Communications	2,710	36,143	7.5%
Business, Management, and Administration	30,813	116,934	26.4%
Education and Training	748	5,261	14.2%
Finance	493	2,108	23.4%
Government and Public Administration	0	0	--
Health Science	58,238	345,156	16.9%
Hospitality and Tourism	979	24,554	4.0%
Human Services	10,087	38,768	26.0%
Information Technology	8,098	52,265	15.5%
Law, Public Safety, and Security	9,840	54,259	18.1%
Manufacturing	3,003	73,912	4.1%
Marketing, Sales, and Service	4,027	23,302	17.3%
Science, Technology, Engineering, and Mathematics	826	10,443	7.9%
Transportation, Distribution, and Logistics	1,402	65,774	2.1%

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

Table 4-10: 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 and Workforce Preparation.

Table 4-11: 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 and Workforce Preparation.

Table 4-12: 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 and Workforce Preparation..

Table 4-13: 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 and Workforce Preparation..

Table 4-14: 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 and Workforce Preparation.

Table 4-15: 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	0	66.8%

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

Table 4-16: 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 and Workforce Preparation.

Table 4-17: 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 and Workforce Preparation.

Table 4-18: 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 and Workforce Preparation.

Table 4-19: 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 and Workforce Preparation.

Table 4-20: 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 and Workforce Preparation.

Table 4-21: 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 and Workforce Preparation.

Table 4-22: Online Credit Enrollment by College and Racial/Ethnic Background: 2007

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

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

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

Table 4-23: Online Credit Enrollment by College and Racial/Ethnic Background: 2008

College	American Indian	Asian	Black	Hispanic	White	Not Given	Unknown	Total
Northeast Iowa	2	10	19	21	1,553	109	0	1,714
North Iowa Area	6	14	104	47	1,747	77	0	1,995
Iowa Lakes	2	15	15	14	1,376	37	0	1,459
Northwest	3	11	7	13	747	54	0	835
Iowa Central	5	56	151	69	2,522	120	0	2,923
Iowa Valley	23	21	57	56	1,277	81	0	1,515
Hawkeye	6	20	84	22	1,681	20	0	1,833
Eastern Iowa	37	45	181	139	3,219	193	0	3,814
Kirkwood	36	99	270	84	4,099	363	0	4,951
Des Moines Area	25	286	296	199	5,766	318	0	6,890
Western Iowa Tech	25	45	44	75	2,182	358	0	2,729
Iowa Western	6	20	43	31	1,508	88	16	1,712
Southwestern	3	14	17	19	879	0	0	932
Indian Hills	16	14	28	34	1,831	15	0	1,938
Southeastern	4	14	44	36	1,366	70	2	1,536
Total	199	684	1,360	859	31,753	1,903	18	36,776

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

Table 4-24: Online Credit Enrollment by College and Racial/Ethnic Background: 2009

College	American Indian	Asian	Black	Hispanic	White	Not Given	Unknown	Total
Northeast Iowa	2	13	33	22	1,981	114	0	2,165
North Iowa Area	4	26	118	58	1,926	148	0	2,280
Iowa Lakes	4	22	28	13	1,445	43	0	1,555
Northwest	2	16	6	14	789	40	0	867
Iowa Central	8	50	162	78	2,869	230	0	3,397
Iowa Valley	28	27	79	84	1,367	138	0	1,723
Hawkeye	10	28	118	31	1,935	23	0	2,145
Eastern Iowa	39	67	200	173	3,711	238	0	4,428
Kirkwood	36	112	387	96	4,458	617	0	5,706
Des Moines Area	35	341	330	187	6,287	811	0	7,991
Western Iowa Tech*	37	38	53	97	2,230	729	6	3,190
Iowa Western	6	32	70	45	1,860	65	26	2,104
Southwestern	7	12	28	20	1,013	8	0	1,088
Indian Hills	16	19	42	43	2,184	58	0	2,362
Southeastern	8	15	47	33	1,523	64	3	1,693
Total	242	818	1,701	994	35,578	3,326	35	42,694

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

Table 4-25: 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	Unknown	Total
Northeast Iowa	13	9	92	56	3,376	33	184	0	3,763
North Iowa Area	6	29	97	67	2,258	6	174	0	2,637
Iowa Lakes	4	35	58	26	1,630	1	52	9	1,815
Northwest	4	3	3	15	994	15	34	0	1,068
Iowa Central	6	68	257	96	3,231	25	135	0	3,818
Iowa Valley	26	33	100	91	1,464	12	274	0	2,000
Hawkeye	8	38	181	39	2,145	5	5	0	2,421
Eastern Iowa	36	142	272	260	4,287	15	256	0	5,268
Kirkwood	31	159	400	108	4,370	0	1,884	9	6,961
Des Moines Area	52	349	538	307	7,815	44	814	0	9,919
Western Iowa Tech*	57	43	58	141	3,023	32	343	32	3,729
Iowa Western	18	40	142	80	2,737	21	102	0	3,140
Southwestern	6	13	15	25	1,184	7	19	0	1,269
Indian Hills	25	22	54	58	2,624	0	105	14	2,902
Southeastern	5	15	39	37	918	0	1,040	0	2,054
Total	297	998	2,306	1,406	42,056	216	5,421	64	52,764

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

Table 4-26: 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 and Workforce Preparation.

Table 4-27: 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 and Workforce Preparation.

Table 4-28: 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 and Workforce Preparation.

Table 4-29: 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 and Workforce Preparation.

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 programs

JOINT ENROLLMENT

NUMBER OF STUDENTS:

38,283

GROWTH SINCE LAST YEAR:

↑ 14.2%

CREDIT HOURS:

304,362

CREDIT HOURS PER H.S. STUDENT:

8.0

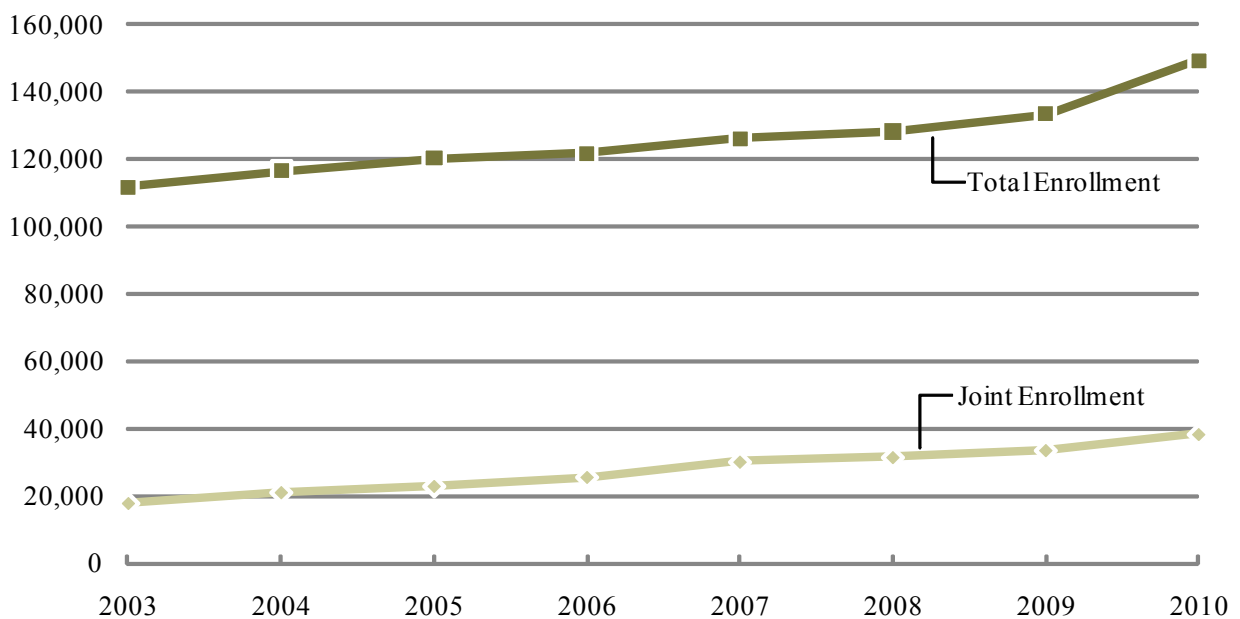
Up 16.8% since 2009.

Up 2.3% since 2009.

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.

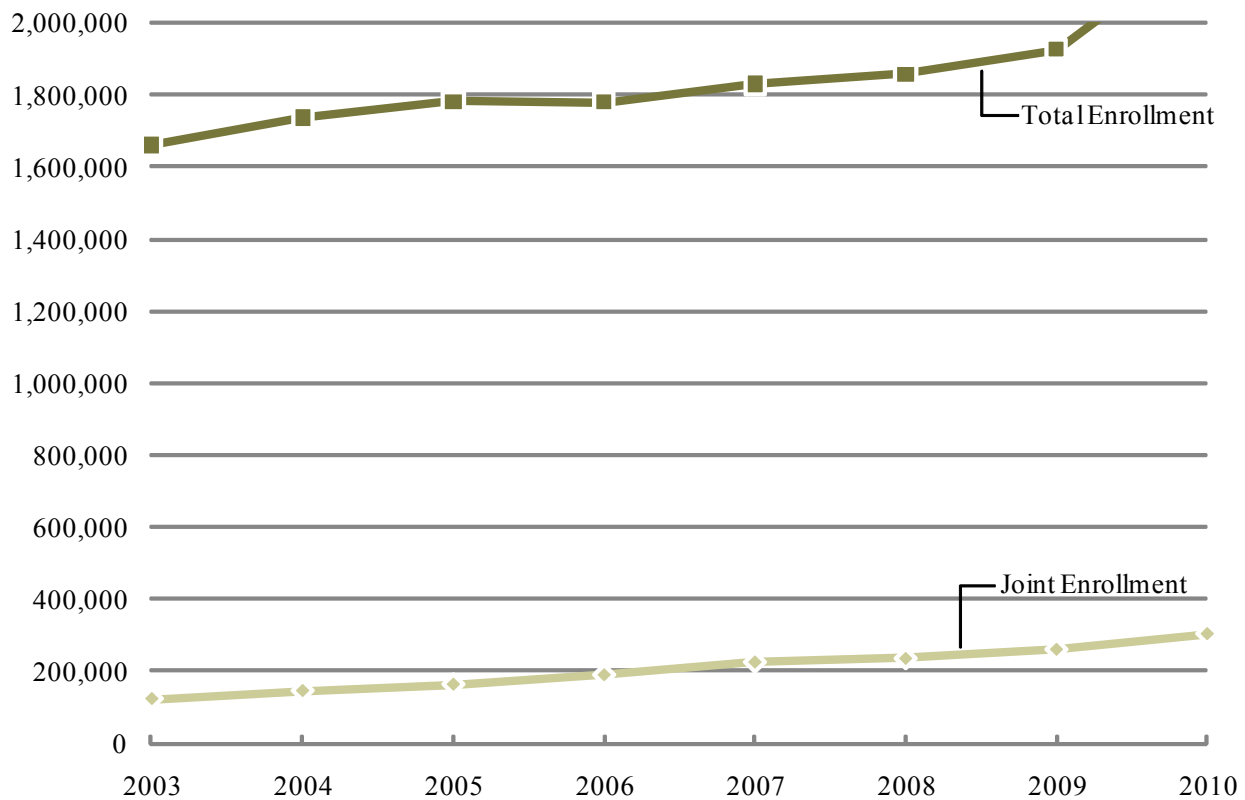
Joint enrollment in Iowa community colleges has steadily risen to a record high of 38,283 unduplicated students in fiscal year 2010 (Figure 5-1). Since fiscal year 2003, joint enrollment has increased 114.7 percent or about 10.0 percent per year. Fiscal year 2010 had faster growth than the eight year average (14.2 percent),

Figure 5-1: Fiscal Year Joint Enrollment: 2003-2010



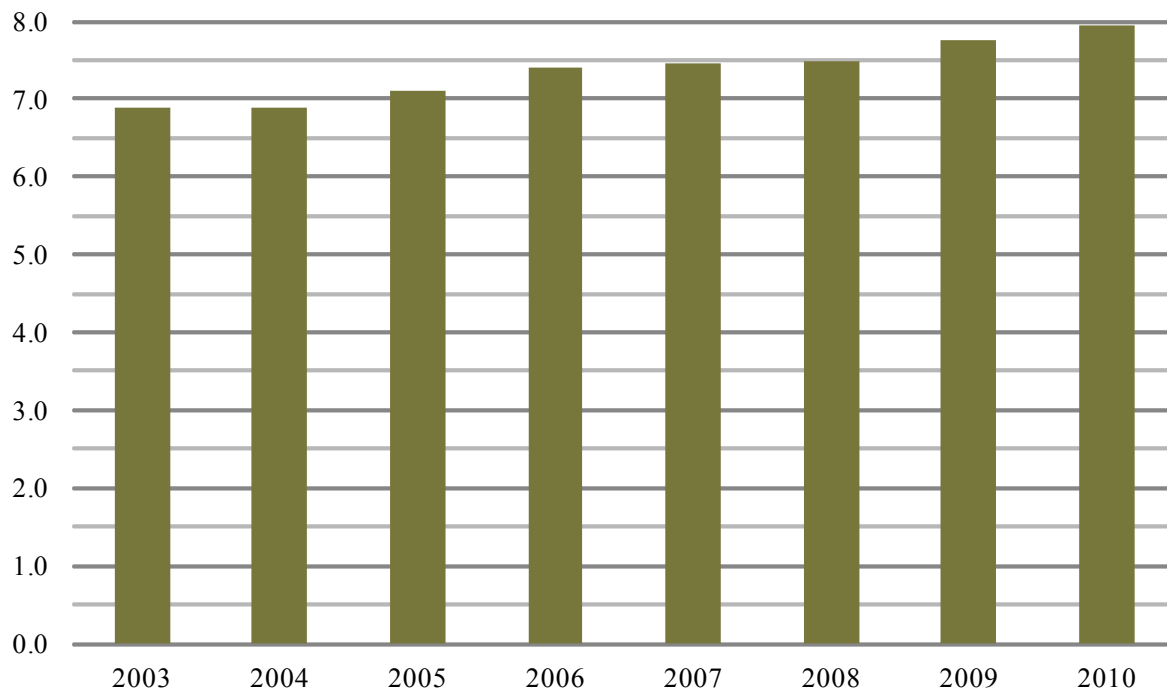
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Table 5-1.

Figure 5-2: Fiscal Year Joint Enrollment Credit Hours: 2003-2010



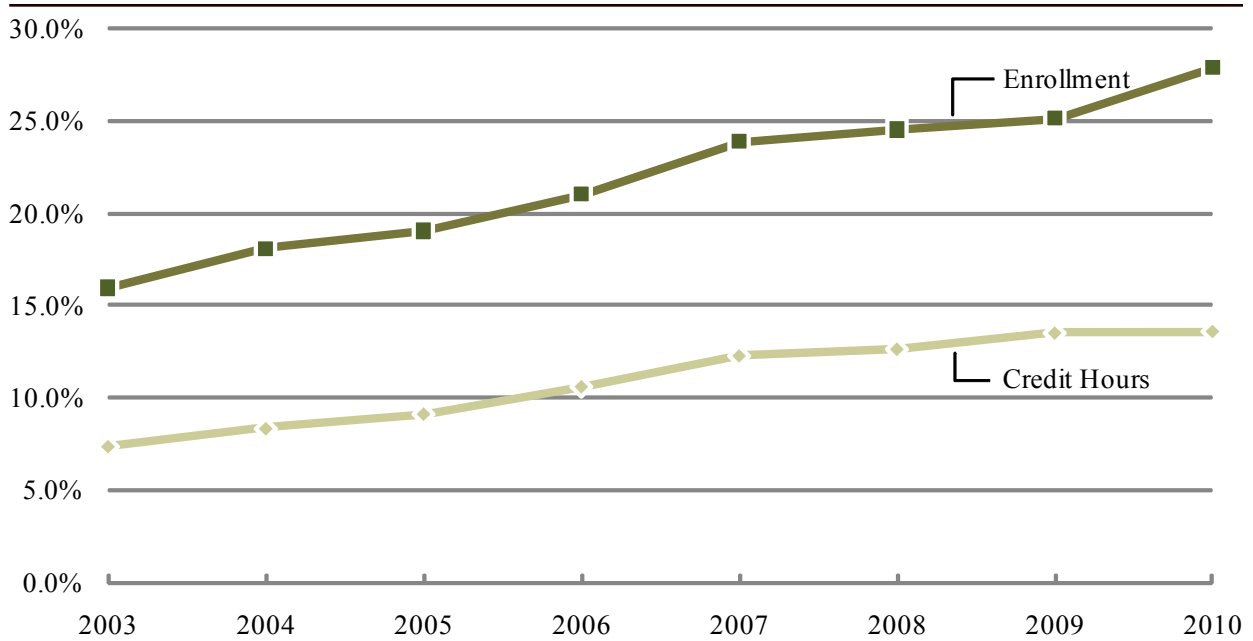
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Table 5-2.

Figure 5-3: Average Credit Hours per Jointly Enrolled Student: 2003-2010



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

Figure 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Credit Enrollment and Credit Hours: 2003-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Table 5-4.

a sharp increase from the previous two years which saw slower growth.

Enrollment growth of jointly enrolled students has continued to outpace the rate of growth of total credit enrollment which soared 11.8 percent in fiscal year 2010 (Section 3). Enrollment of students not jointly-enrolled in high school increased 11.1 percent after growing 3.3 percent in fiscal year 2009 and declining in fiscal years 2006 and 2007.

The number of credit hours taken by each student increased slightly from fiscal year 2008 (Figure 5-2) with each jointly enrolled student enrolling in an average of 8.0 credit hours (Figure 5-3). The number of credit hours taken per jointly enrolled student has increased slightly more than one credit hour since fiscal year 2003. 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 2010, joint enrollment accounted for 13.6 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 enrolled in college credit coursework compared with 77 of public four-year institutions. In Iowa, delivery

JOINT ENROLLMENT BY OFFERING ARRANGEMENT

32,380  5.9% up 13.9%

Contracted Courses

5,654  6.0% down 3.7%

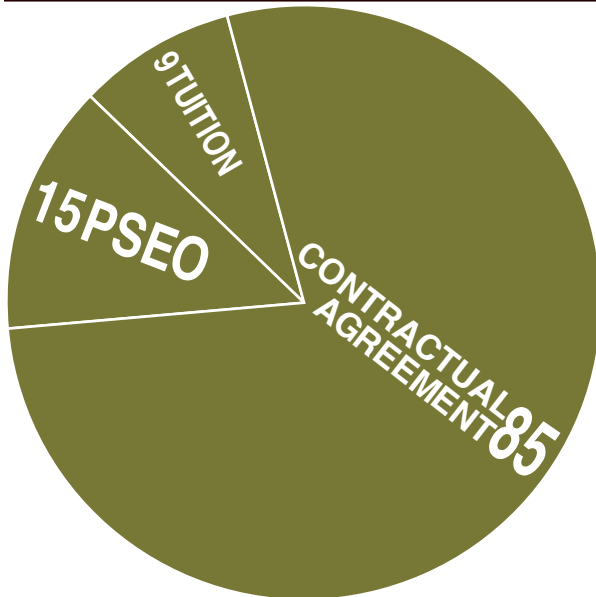
PSEO

3,558  20.1% up 70.4%

Tuition

Note: Joint Enrollment by Offering Arrangement does not total 38,283 because some students are enrolled in multiple categories.

Figure 5-5: Credit Joint Enrollment by Offering Arrangement Type: 2010



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

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.

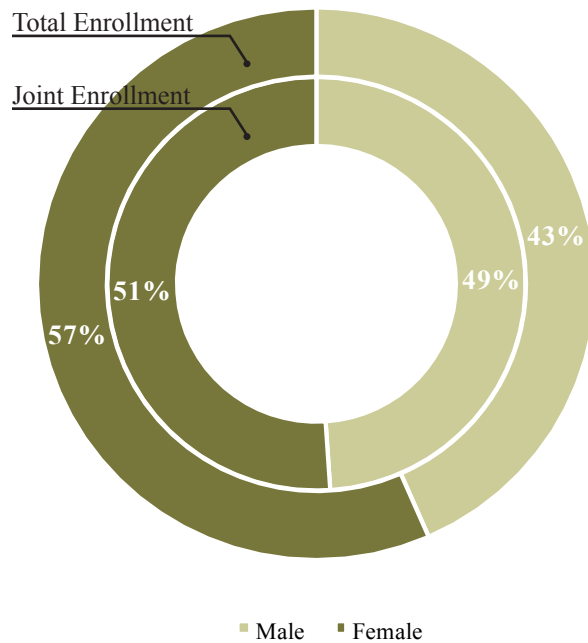
Joint Enrollment Offering Arrangements

Contracted courses had the largest enrollment of the three types of joint enrollment offering arrangements accounting for 77.9 percent of jointly enrolled students in fiscal year 2010 (Figure 5-5). Enrollment in contracted courses rose 13.9 percent from the previous year to 32,380 students. PSEO, which accounts for 13.6 percent of joint enrollment, had a 3.7 percent decrease from fiscal year 2009. Enrollment of tuition paying students soared 46.0 percent over the prior year, exceeding last year's 20.7 increase.

IOWA'S TYPICAL JOINTLY ENROLLED STUDENT

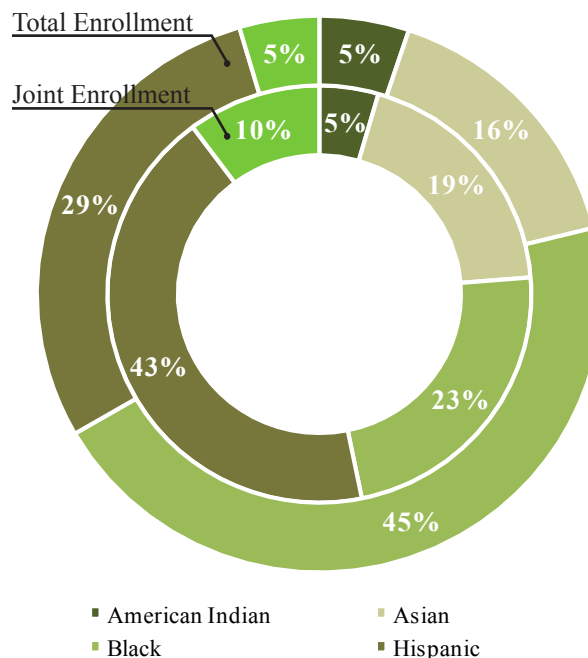


Figure 5-6: Jointly Enrolled Credit Student Gender: 2010



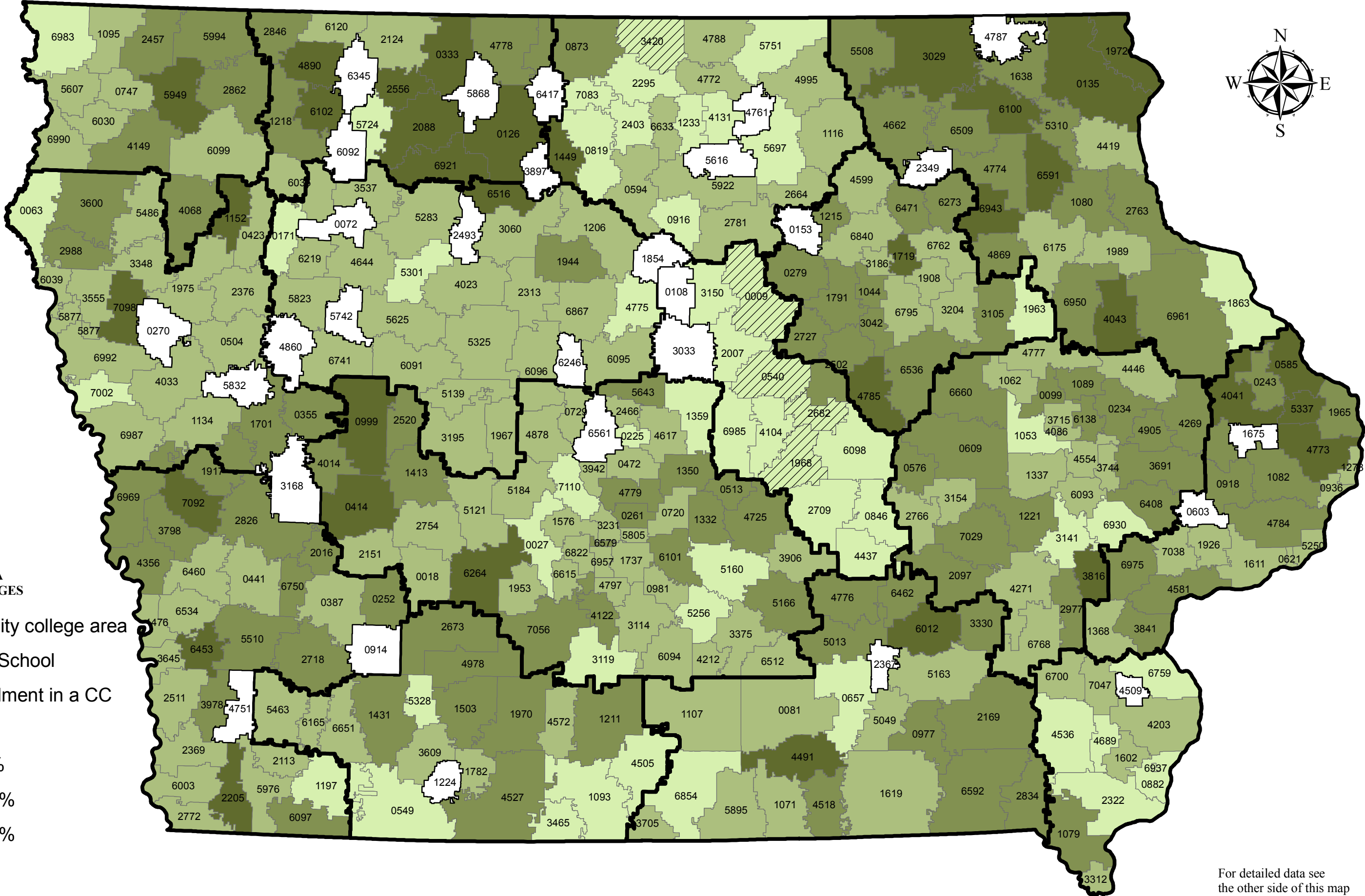
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Tables 5-8, 5-9.

Figure 5-7: Jointly Enrolled Credit Student Enrollment by Racial Minorities: 2010



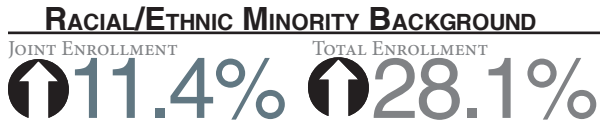
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Tables 5-10, 5-11, 5-12, 5-13, and 5-14.

FIGURE 6-11: PERCENT OF HIGH SCHOOL STUDENTS (9-12 GRADES) ENROLLMENT IN IOWA COMMUNITY COLLEGES FY'2010



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)
0018	ADAIR-CASEY	8.18	1215	CLARKSVILLE	28.57	2556	GRAETTINGER	44.44	4212	MELCHER-DALLAS	12.70	5486	REMSEN-UNION	14.63	6741	WALL LAKE VIEW AUBURN	11.00
0027	ADEL-DESOTO-MINBURN	2.16	1218	CLAY CENTRAL-EVERLY	21.49	2664	GREENE	8.84	4419	MFL MARMAC	18.87	5508	RICEVILLE	28.83	6750	WALNUT	19.67
0441	A-H-S-T	16.85	2763	CLAYTON RIDGE	21.54	2709	GRINNELL-NEWBURG	0.17	4269	MIDLAND	28.47	1975	RIVER VALLEY	18.67	6759	WAPELLO	1.30
0063	AKRON WESTFIELD	7.18	1221	CLEAR CREEK-AMANA	20.20	2718	GRISWOLD	29.09	4271	MID-RAIRIE	16.57	5510	RIVERSIDE	22.80	6762	WAPSIE VALLEY	15.96
0081	ALBIA	19.28	1233	CLEAR LAKE	2.63	2727	GRUNDY CENTER	30.40	4356	MISSOURI VALLEY	21.33	5607	ROCK VALLEY	14.62	6768	WASHINGTON	19.08
0099	ALBURNETT	21.65	1278	CLINTON	10.88	2754	GUTHRIE CENTER	12.82	4149	MOC-FLOYD VALLEY	32.64	5625	ROCKWELL CITY-LYTTON	10.18	6795	WATERLOO	11.94
0126	ALGONA	39.77	1332	COLFAX-MINGO	23.99	2772	HAMBURG	17.58	4437	MONTEZUMA	2.65	5643	ROLAND-STORY	24.48	6822	WAUKEE	9.52
0135	ALLAMAKEE	34.65	1337	COLLEGE	17.23	2781	HAMPTON-DUMONT	8.56	4446	MONTICELLO	14.99	5697	RK	5.82	6840	WAVERLY-SHELL ROCK	11.07
0171	ALTA	3.91	1350	COLLINS-MAXWELL	27.95	2826	HARLAN	25.31	4491	MORAVIA	35.00	5724	RUTHVEN-AYRSHIRE	3.75	6854	WAYNE	7.55
0225	AMES	6.69	1359	COLO-NESCO	6.90	2834	HARMONY	26.77	4505	MORMON TRAIL	1.28	5805	SAYDEL	17.65	6867	WEBSTER CITY	12.10
0234	ANAMOSA	20.09	1368	COLUMBUS	15.46	2846	HARRIS-LAKE PARK	28.89	4518	MOULTON-UDELL	20.69	5823	SCHALLER-CRESTLAND	17.92	6921	WEST BEND-MALLARD	34.45
0243	ANDREW	29.89	1413	COON RAPIDS-BAYARD	25.95	2862	SANBORN	29.30	4527	MOUNT AYR	23.39	5877	SEGEANT BLUFF-LUTON	10.55	6930	WEST BRANCH	3.97
0252	ANITA	28.36	1431	CORNING	24.61	2977	HIGHLAND	22.83	4536	MOUNT PLEASANT	3.50	5895	SEYMOUR	10.84	6937	WEST BURLINGTON I	5.49
0261	ANKENY	24.04	1449	CORWITH-WESLEY	67.61	2988	HINTON	26.47	4554	MOUNT VERNON	17.42	5922	MERSERVY-THORTON	14.47	6943	WEST CENTRAL	54.37
0279	APLINGTON-PARKERSBURG	33.06	1476	COUNCIL BLUFFS	14.29	2766	H-L-V	18.18	4572	MURRAY	15.63	5949	SHELDON COMM	38.48	6264	WEST CENTRAL VALLEY	36.97
0333	ARMSTRONG-RINGSTED	57.66	1503	CRESTON	25.46	3029	HOWARD-WINNESHIEK	37.55	4581	MUSCATINE	28.79	5976	SHENANDOAH	13.83	6950	WEST DELAWARE COUNTY	30.70
0355	AR-WE-VA	21.43	1576	DALLAS CENTER-GRIMES	13.49	3042	HUDSON	27.14	4599	NASHUA-PLAINFIELD	9.27	5994	SIBLEY-OCHEYEDAN	29.23	6957	WEST DES MOINES	19.33
0387	ATLANTIC	15.37	1602	DANVILLE	13.02	3060	HUMBOLDT	13.83	4617	NEVADA	12.00	6003	SIDNEY	10.45	0819	WEST HANCOCK	2.93
0414	AUDUBON	38.40	1611	DAVENPORT	12.67	3105	INDEPENDENCE	26.32	4662	NEW HAMPTON	27.87	6012	SIGOURNEY	49.73	6969	WEST HARRISON	26.86
0423	AURELIA	11.36	1619	DAVIS COUNTY	18.53	3114	INDIANOLA	16.01	4689	NEW LONDON	5.70	6030	SIOUX CENTER	8.72	6975	WEST LIBERTY	24.93
0472	BALLARD	9.09	1638	DECORAH	24.23	3119	INTERSTATE 35	6.59	4644	NEWELL-FONDA	14.67	6035	SIOUX CENTRAL	12.02	6983	WEST LYON	4.17
0504	BATTLE CREEK-IDA GROVE	18.39	1701	DENISON	24.24	3141	IOWA CITY	7.72	4725	NEWTON	23.37	6039	SIOUX CITY	10.41	6985	WEST MARSHALL	0.68
0513	BAXTER	22.07	1719	DENVER	34.90	3150	IOWA FALLS	0.51	2673	NODAWAY	21.19	6093	SOLOM	12.12	6987	WEST MONONA	12.56
0549	BEDFORD	4.00	1737	DES MOINES INDEPENDENT	13.15	3154	IOWA VALLEY	9.95	3691	NORTH CEDAR	20.22	6095	SOUTH HAMILTON	15.92	6990	WEST SIOUX	17.54
0576	BELLE PLAINE	21.90	1782	DIAGONAL	11.11	3186	JANESVILLE CO	18.07	4772	NORTH CENTRAL	16.72	6099	SOUTH O'BRIEN	16.00	6961	WESTERN DUBUQUE	23.55
0585	BELLEVUE	42.61	1791	DIKE-NEW HARTFORD	28.10	3195	JEFFERSON-SCRANTON	10.87	4774	NORTH FAYETTE	27.83	6097	SOUTH PAGE	24.32	6992	WESTWOOD	13.72
0594	BELMOND-KLEMME	10.58	1863	DUBUQUE	2.50	3204	JESUP	18.87	0873	NORTH IOWA	26.14	6098	SOUTH TAMA COUNTY	0.64	7002	WHITING	5.63
0609	BENTON	26.00	1908	DUNKERTON	18.66	3231	JOHNSTON	13.33	4778	NORTH KOSSUTH	25.74	6100	SOUTH WINNESHIEK	35.34	7029	WILLIAMSBURG	27.60
0621	BETTENDORF	17.30	1926	DURANT	10.92	3312	KEOKUK	11.34	4777	NORTH LINN	13.25	6101	SOUTHEAST POLK	19.85	7038	WILTON	17.90
0720	BONDURANT-FARRAR	18.41	1944	EAGLE GROVE	23.83	3330	KEOTA	28.04	4776	NORTH MAHASKA	24.00	6094	SOUTHEAST WARREN	12.14	7047	WINFIELD-MT UNION	9.93
0729	BOONE	12.80	1953	EARLHAM	18.18	3348	KINGSLEY-PIERSON	14.56	4779	NORTH POLK	25.69	6096	GRAND	13.59	7056	WINTERSET	24.03
0747	BOYDEN-HULL	10.95	1963	EAST BUCHANAN	6.18	3375	KNOXVILLE	10.04	4784	NORTH SCOTT	28.59	6091	SOUTHERN CAL	16.85	7083	WODEN-CRYSTAL LAKE	1.05
1917	BOYER VALLEY	28.03	1965	EAST CENTRAL	31.67	3465	LAMONI	1.72	4785	NORTH TAMA COUNTY	38.12	6102	SPENCER	43.97	7092	WOODBINE	37.65
0846	MALCOM	1.00	1967	EAST GREENE	10.00	3537	LAURENS-MARATHON	17.24	4773	NORTHEAST	47.06	6120	SPIRIT LAKE	19.35	7098	WOODBURY CENTRAL	44.63
0882	BURLINGTON	3.61	1970	EAST UNION	21.57	3555	LAWTON-BRONSON	14.81	4775	NORTHEAST HAMILTON	2.33	6138	SPRINGVILLE	22.73	7110	WOODWARD-GRANGER	7.01
0916	CAL	1.18	1972	EASTERN ALLAMAKEE	60.81	3600	LE MARS	23.43	4788	NORTHWOOD-KENSETT	11.11	5751	ST ANSGAR	6.60			
0918	CALAMUS-WHEATLAND	21.47	0657	EDDYVILLE-BLAKESBURG	8.03	3609	LENOX	11.81	4797	NORWALK	13.98	6165	STANTON	14.00			
0936	CAMANICHE	11.41	1989	EDGEWOOD-COLESBURG	14.93	3645	LEWIS CENTRAL	15.18	4869	OELWEIN	23.55	6175	STARMONT	9.25			
0977	CARDINAL	25.68	2007	ELDORA-NEW PROVIDENCE	0.99	3705	LINEVILLE-CLIO	10.71	4878	OGDEN	17.07	6219	STORM LAKE	10.44			
0981	CARLISLE	16.31	2016	ELK HORN-KIMBALLTON	30.09	3715	LINN-MAR	13.42	4890	OKOBOJI	36.91	6273	SUMNER	26.71			
0999	CARROLL	36.82	2088	EMMETSBURG	42.39	3744	LISBON	9.76	4905	OLIN CO	25.00	6408	TIPTON	32.59			
1044	CEDAR FALLS	23.55	2097	ENGLISH VALLEYS	21.35	3798	LOGAN-MAGNOLIA	25.33	4978	ORIENT-MACKSBURG	27.63	6453	TREYNOR	40.20			
1053	CEDAR RAPIDS	5.48	2113	ESSEX	16.44	3816	LONE TREE	35.46	4995	OSAGE	13.44	6460	TRI-CENTER	9.01			
1062	CENTER POINT-URBANA	19.36	2124	ESTHERVILLE LINCOLN C	19.21	3841	LOUISA-MUSCATINE	20.26	5013	OSKALOOSA	26.45	6462	TRI-COUNTY	32.32			
1071	CENTERVILLE	15.55	2151	EXIRA	14.46	3906	LYNNVILLE-SULLY	9.77	5049	OTTUMWA	15.49	6471	TRIPOLI	24.40			
1080	CENTRAL	29.71	2169	FAIRFIELD	22.07	3942	MADRID	12.57	5121	PANORAMA	19.56	6509	TURKEY VALLEY	28.91			
1089	CENTRAL CITY	26.15	2205	FARRAGUT	39.50	3978	MALVERN	20.51	5139	PATON-CHURDAN	12.50	6512	TWIN CEDARS	10.53			
1082	CENTRAL CLINTON	29.96	2295	FOREST CITY	4.44	4014	MANNING	25.09	5160	PCM	5.22	6516	TWIN RIVERS	35.11			
1093	CENTRAL DECATUR	7.36	2313	FORT DODGE	8.75	4023	WEBSTER	15.48	5163	PEKIN	15.65	6534	UNDERWOOD	12.50			
1079	CENTRAL LEE	20.56	2322	FORT MADISON	6.89	4033	MAPLE VALLEY	14.50	5166	PELLA	24.64	6536	UNION	21.78			
1095	CENTRAL LYON	12.38	2369	FREMONT-MILLS	17.86	4041	MAQUOKETA	40.48	5184	PERRY	13.96	6579	URBANDALE	23.39			
1107	CHARITON	14.00	2376	GALVA-HOLSTEIN	15.44	4043	MAQUOKETA VALLEY	42.80	5250	PLEASANT VALLEY	9.99	6591	VALLEY	42.05			
1116	CHARLES CITY	8.90	2403	GARNER-HAYFIELD	1.59	4068	CLEGHORN	26.45	5256	PLEASANTVILLE	6.37	6592	VAN BUREN	23.83			
1134	CHARTER OAK-UTE	16.19	2457	GEORGE-LITTLE ROCK	22.38	4086	MARION I	17.67	5283	POCAHONTAS AREA	11.24	6615	VAN METER	14.00			
1152	CHEROKEE	35.07	2466	GILBERT	10.96	4104	MARSHALLTOWN	0.24	5310	POSTVILLE	28.41	6633	VENTURA	15.67			
1197	CLARINDA	7.34	2502	GLADBROOK-REINBECK	27.98	4122	MARTENSDALE-ST MARYS	23.33	5325	PRAIRIE VALLEY	14.29	6651	VILLISCA	8.46			
1206	CLARION-GOLDFIELD	9.52	2511	GLENWOOD	15.97	4131	MASON CITY	2.76	5337	PRESTON	36.04	6660	VINTON-SHELLSBURG	27.10			
1211	CLARKE	26.94	2520	GLIDDEN-RALSTON	23.48	4203	MEDIAPOLIS	14.29	5463	RED OAK	17.12	6700	WACO	11.11			

NOTE: Unduplicated count.
Data excludes 13,186 (approx. 35%) jointly enrolled secondary students with missing district number or State ID.
SOURCE: Project Easier and CC MIS.



Jointly Enrolled Student Demographics

The typical jointly enrolled community college 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 2010, approximately 51.0 percent of joint enrollees were female compared with 55.6 percent of the overall student body (Figure 5-6). The phenomenon of proportionally greater male enrollment is driven by contracted course enrollment which was 50.9 percent male in fiscal year 2010. In terms of gender, contracted course enrollment more closely mirrors high school enrollment than community college enrollment. In contrast, PSEO and tuition enrollment were 63.5 percent and 62.3 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 2010, approximately ten percent of joint enrollees were reported as having a minority racial/ethnic background. Tuition course enrollment had the largest proportion of minority students (12.0 percent) followed by contracted course (10.4 percent) and PSEO (4.1 percent). Hispanics were the largest minority group with 43.0 percent of

minority joint enrollment followed by black and asian students with 23.0 percent and 19.2 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, 45.5 percent of which were black and 28.7 percent of which were Hispanic.

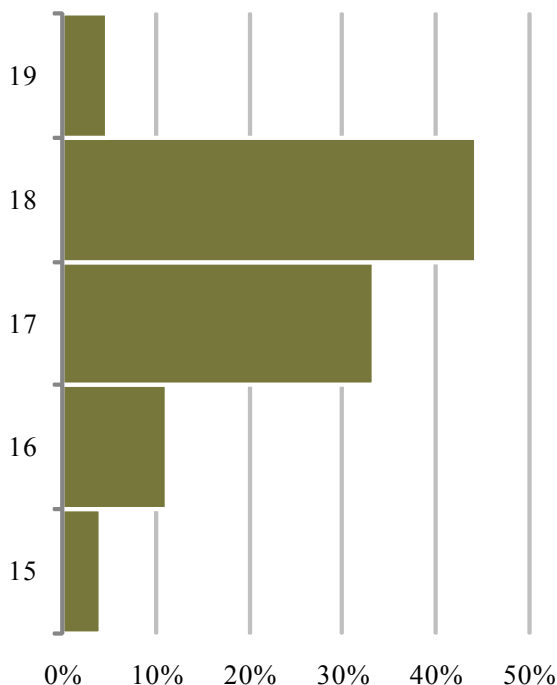
As expected, jointly enrolled students were younger than the overall community college student body, but few were younger than age 17 (about 15 percent). More than 78 percent of jointly enrolled students were age 17 or 18 (Figure 5-8).

Jointly enrolled students were also almost exclusively residents of Iowa (Table 5-15). In fiscal year 2008, 99.6 percent of jointly enrolled students were from Iowa (139 out-of-state students were jointly enrolled).

Grade Level of Jointly Enrolled Students

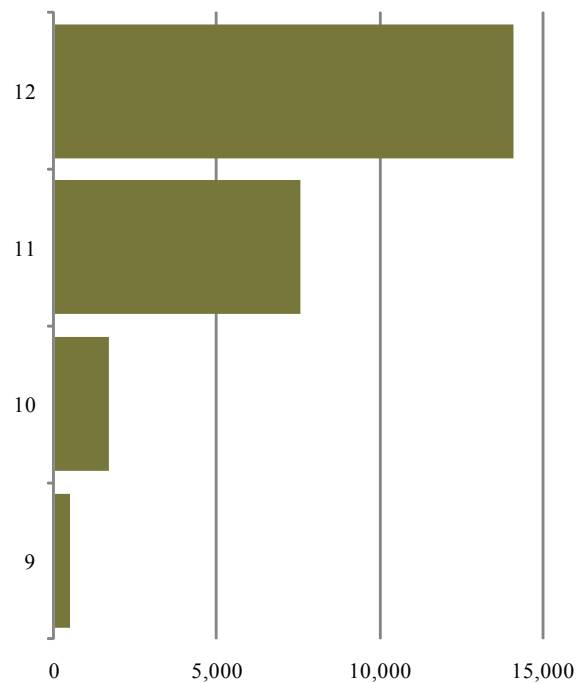
Jointly enrolled students tend to be high school upperclassmen and, in particular, seniors. More than 91 percent of jointly enrolled students were in their last two years of high school. Seniors accounted for 59 percent of jointly enrolled students while a third were juniors. Data on student grade level 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: 2010



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

Figure 5-8: Jointly Enrolled Credit Student Grade Level: 2010



SOURCE: Iowa Department of Education, Bureau of Community College Services, see Table 5-16.

Table 5-1: Credit Joint Enrollment: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	2,230	2,277	2,409	2,869	2,478	2.1%
North Iowa Area	944	1,059	1,262	1,363	1,423	8.6%
Iowa Lakes	1,279	970	1,582	1,427	1,453	2.6%
Northwest	574	671	608	489	894	9.3%
Iowa Central	2,707	2,928	3,026	2,921	2,781	0.5%
Iowa Valley	782	1,035	1,033	1,124	1,147	8.0%
Hawkeye	1,019	1,436	1,598	1,782	1,884	13.1%
Eastern Iowa	810	2,372	2,081	2,507	4,362	40.0%
Kirkwood	1,766	2,275	2,527	3,412	3,970	17.6%
Des Moines Area	7,736	8,646	9,249	9,376	11,074	7.4%
Western Iowa Tech	2,135	2,350	1,882	1,808	1,941	-1.9%
Iowa Western	1,598	1,925	1,733	1,805	1,756	1.9%
Southwestern	493	528	632	646	682	6.7%
Indian Hills	691	884	1,061	1,130	1,467	16.2%
Southeastern	814	743	767	878	971	3.6%
Total	25,578	30,099	31,450	33,537	38,283	8.4%

NOTE: Each bar "I" denotes 200 enrollees.

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

Table 5-2: Credit Hours Taken by Jointly Enrolled Students: 2006-2010

College	2006	2007	2008	2009	2010	Average Change
Northeast Iowa	15,173	15,906	18,414	31,954	19,842	5.5%
North Iowa Area	7,551	7,984	9,194	10,674	10,514	6.8%
Iowa Lakes	8,853	8,687	12,970	11,638	12,026	6.3%
Northwest	4,797	5,498	5,141	4,795	6,549	6.4%
Iowa Central	23,221	24,078	26,291	24,796	23,822	0.5%
Iowa Valley	6,252	8,164	7,854	8,661	9,171	8.0%
Hawkeye	6,247	8,168	9,958	10,808	10,957	11.9%
Eastern Iowa	4,438	18,230	11,757	14,894	39,473	54.8%
Kirkwood	13,422	15,660	14,276	17,906	23,395	11.8%
Des Moines Area	55,235	63,349	73,072	75,914	93,914	11.2%
Western Iowa Tech	14,386	16,240	12,766	11,546	12,865	-2.2%
Iowa Western	15,052	18,330	15,647	17,645	17,468	3.0%
Southwestern	4,735	4,788	5,244	5,404	5,283	2.2%
Indian Hills	4,514	5,568	7,727	8,445	12,080	21.8%
Southeastern	5,440	4,337	4,843	5,551	7,005	5.2%
Total	189,313	224,985	235,152	260,629	304,362	10.0%

NOTE: Each bar "I" denotes 1,500 credit hours.

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

Table 5-3: Average Credit Hours Per Jointly Enrolled Student: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	6.8	6.3	7.6	11.1	8.0	3.3%
North Iowa Area	8.0	7.5	7.3	7.8	7.4	-1.6%
Iowa Lakes	6.9	9.0	8.2	8.2	8.3	3.6%
Northwest	8.4	7.6	8.5	9.8	7.3	-2.6%
Iowa Central	8.6	7.3	8.7	8.5	8.6	0.0%
Iowa Valley	8.0	7.4	7.6	7.7	8.0	0.0%
Hawkeye	6.1	5.2	6.2	6.1	5.8	-1.0%
Eastern Iowa	5.5	6.9	5.6	5.9	9.0	10.6%
Kirkwood	7.6	6.3	5.6	5.2	5.9	-5.0%
Des Moines Area	7.1	6.9	7.9	8.1	8.5	3.5%
Western Iowa Tech	6.7	6.9	6.8	6.4	6.6	-0.3%
Iowa Western	9.4	9.1	9.0	9.8	9.9	1.1%
Southwestern	9.6	7.4	8.3	8.4	7.7	-4.2%
Indian Hills	6.5	5.8	7.3	7.5	8.2	4.7%
Southeastern	6.7	5.8	6.3	6.3	7.2	1.5%
Total	7.4	7.0	7.5	7.5	7.5	0.2%

NOTE: Each bar “|” denotes 0.5 credit hours.

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

Table 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Enrollment and Credit hours: 2006-2010

College	2006		2007		2008		2009		2010	
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours
Northeast Iowa	31.7%	15.8%	37.5%	17.3%	35.3%	18.9%	40.7%	14.8%	35.5%	16.8%
North Iowa Area	21.6%	11.4%	23.8%	12.1%	26.7%	13.5%	27.5%	10.1%	29.8%	13.1%
Iowa Lakes	28.1%	12.6%	21.2%	12.1%	35.9%	18.7%	33.0%	12.3%	34.5%	14.3%
Northwest	32.5%	18.0%	36.1%	19.3%	28.7%	17.3%	23.2%	16.2%	38.8%	18.6%
Iowa Central	39.1%	22.4%	44.1%	22.2%	38.2%	22.4%	35.8%	18.9%	36.3%	17.6%
Iowa Valley	20.2%	10.1%	27.4%	13.1%	26.0%	12.7%	26.9%	9.4%	28.2%	12.4%
Hawkeye	13.0%	5.2%	18.7%	6.4%	19.1%	7.9%	20.5%	4.9%	22.0%	7.7%
Eastern Iowa	7.1%	2.8%	23.9%	12.2%	18.5%	7.9%	21.6%	2.9%	35.7%	21.6%
Kirkwood	8.6%	4.0%	11.5%	4.5%	11.8%	4.2%	15.1%	3.9%	16.7%	5.9%
Des Moines Area	28.9%	17.0%	32.7%	18.4%	31.3%	19.7%	30.3%	14.0%	33.1%	19.6%
Western Iowa Tech	27.4%	14.0%	30.7%	16.0%	24.9%	12.8%	23.7%	14.8%	23.7%	11.6%
Iowa Western	24.2%	13.7%	29.2%	16.0%	25.3%	13.7%	24.7%	12.3%	23.1%	12.5%
Southwestern	27.2%	16.0%	34.6%	14.8%	31.7%	16.3%	31.7%	14.7%	37.4%	14.4%
Indian Hills	11.4%	4.5%	14.9%	5.2%	16.2%	7.0%	16.1%	4.0%	19.3%	8.9%
Southeastern	17.9%	7.2%	16.2%	5.9%	16.9%	6.5%	18.3%	7.2%	22.0%	8.1%
Total	21.0%	10.6%	25.6%	12.3%	24.5%	12.6%	25.1%	9.8%	27.9%	13.6%

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, 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, Bureau 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, Bureau 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 and Workforce Preparation, Community College MIS.

Table 5-8: Joint Enrollment and Credit Hours by Offering Arrangement as a Percentage of Total Joint Enrollment: 2010

College	Percentage of Total Joint Enrollment			Percentage of Total Joint Enrollment Credit Hours		
	PSEO	Contracted	Tuition	PSEO	Contracted	Tuition
Northeast Iowa	14.8%	82.0%	3.2%	11.6%	85.0%	3.4%
North Iowa Area	16.9%	70.3%	12.8%	14.5%	73.3%	12.2%
Iowa Lakes	20.7%	73.4%	5.9%	15.5%	79.5%	5.0%
Northwest	16.3%	75.4%	8.3%	12.3%	82.4%	5.3%
Iowa Central	22.8%	77.2%	0.0%	14.6%	85.4%	0.0%
Iowa Valley	25.3%	74.7%	0.0%	19.3%	80.7%	0.0%
Hawkeye	13.4%	80.6%	6.0%	14.3%	80.0%	5.6%
Eastern Iowa	12.2%	57.8%	30.1%	7.3%	39.9%	52.8%
Kirkwood	16.7%	75.0%	8.3%	15.6%	73.2%	11.3%
Des Moines Area	5.9%	86.2%	7.9%	4.0%	88.8%	7.2%
Western Iowa Tech	13.0%	87.0%	0.0%	11.8%	88.2%	0.0%
Iowa Western	8.9%	89.6%	1.5%	5.9%	93.4%	0.7%
Southwestern	41.4%	55.9%	2.7%	33.8%	64.5%	1.7%
Indian Hills	9.9%	85.6%	4.5%	6.7%	90.1%	3.2%
Southeastern	22.6%	66.7%	10.7%	21.9%	66.8%	11.3%
Total	13.6%	77.9%	8.6%	10.0%	78.5%	11.5%

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

Table 5-9: Credit Joint Enrollment by Gender by Offering Arrangement: 2010

College	PSEO		Contracted				Tuition					
	Male	Female	Male	Female	Male	Female	Male	Female				
Northeast Iowa	183	45.0%	224	55.0%	1,062	47.1%	1,193	52.9%	31	35.6%	56	64.4%
North Iowa Area	96	36.6%	166	63.4%	521	47.9%	567	52.1%	72	36.4%	126	63.6%
Iowa Lakes	116	34.4%	221	65.6%	523	44.3%	658	55.7%	42	43.8%	54	56.3%
Northwest	43	27.4%	114	72.6%	368	50.6%	359	49.4%	22	27.5%	58	72.5%
Iowa Central	271	37.8%	445	62.2%	1,323	54.6%	1,101	45.4%	0	0.0%	0	0.0%
Iowa Valley	115	36.2%	203	63.8%	403	43.0%	535	57.0%	0	0.0%	0	0.0%
Hawkeye	87	31.2%	192	68.8%	863	51.4%	815	48.6%	23	18.4%	102	81.6%
Eastern Iowa	203	34.8%	381	65.2%	1,524	54.9%	1,251	45.1%	605	41.8%	841	58.2%
Kirkwood	254	35.7%	458	64.3%	1,871	58.9%	1,306	41.1%	141	39.6%	215	60.4%
Des Moines Area	254	36.4%	444	63.6%	5,076	50.1%	5,053	49.9%	327	35.4%	598	64.6%
Western Iowa Tech	85	36.5%	148	63.5%	868	54.6%	722	45.4%	0	0.0%	0	0.0%
Iowa Western	76	45.8%	90	54.2%	753	44.8%	926	55.2%	10	34.5%	19	65.5%
Southwestern	122	35.7%	220	64.3%	214	46.3%	248	53.7%	6	27.3%	16	72.7%
Indian Hills	43	36.4%	75	63.6%	611	51.1%	585	48.9%	22	33.8%	43	66.2%
Southeastern	92	35.2%	169	64.8%	345	44.9%	424	55.1%	37	30.1%	86	69.9%
Total	2,040	36.5%	3,550	63.5%	16,325	50.9%	15,743	49.1%	1,338	37.7%	2,214	62.3%

NOTE: In Fiscal Year 2010, there were 382 students with unknown gender (not included in this table).

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

Table 5-10: Credit Joint Enrollment by Gender: 2006-2010

College	2006*		2007**		2008***		2009****		2010*****	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast Iowa	1,002 44.9%	1,228 55.1%	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%
North Iowa Area	430 45.6%	514 54.4%	455 43.2%	599 56.8%	545 43.2%	717 56.8%	689 48.7%	725 51.3%	647 45.5%	776 54.5%
Iowa Lakes	581 45.4%	698 54.6%	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%
Northwest	252 43.9%	322 56.1%	327 45.6%	390 54.4%	278 45.8%	329 54.2%	286 49.2%	295 50.8%	407 45.5%	487 54.5%
Iowa Central	1,420 52.5%	1,287 47.5%	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%
Iowa Valley	301 38.5%	481 61.5%	458 43.0%	606 57.0%	422 41.2%	602 58.8%	488 39.2%	757 60.8%	480 41.8%	667 58.2%
Hawkeye	448 44.0%	571 56.0%	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%
Eastern Iowa	421 53.5%	366 46.5%	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%
Kirkwood	936 53.0%	830 47.0%	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%
Des Moines Area	3,675 47.5%	4,061 52.5%	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%
Western Iowa Tech	1,247 58.4%	888 41.6%	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%
Iowa Western	747 46.7%	851 53.3%	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%
Southwestern	291 59.0%	202 41.0%	258 48.1%	278 51.9%	288 45.6%	344 54.4%	321 40.7%	467 59.3%	293 43.0%	389 57.0%
Indian Hills	223 32.7%	458 67.3%	213 32.4%	444 67.6%	356 34.1%	687 65.9%	440 37.6%	730 62.4%	641 49.3%	658 50.7%
Southeastern	363 45.0%	444 55.0%	145 45.3%	175 54.7%	319 41.7%	446 58.3%	403 39.4%	620 60.6%	414 42.6%	557 57.4%
Total	12,337 48.3%	13,201 51.7%	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%

*In Fiscal Year 2006, there were 40 students with unknown gender (not included in this table).

**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).

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

Table 5-11: Credit Joint Enrollment by Racial/Ethnic Background: 2006

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	3	12	10	9	1,869	327	2,230
North Iowa Area	3	12	2	18	903	6	944
Iowa Lakes	5	12	4	11	1,218	29	1,279
Northwest	0	0	0	8	538	28	574
Iowa Central	6	74	19	184	2,245	179	2,707
Iowa Valley	3	11	1	28	711	28	782
Hawkeye	2	13	29	16	943	16	1,019
Eastern Iowa	12	9	7	32	685	65	810
Kirkwood	6	29	20	34	1,518	159	1,766
Des Moines Area	13	192	200	211	5,345	1,775	7,736
Western Iowa Tech	10	44	30	120	1,447	484	2,135
Iowa Western	9	16	12	20	1,311	230	1,598
Southwestern	0	1	1	3	488	0	493
Indian Hills	6	9	1	5	656	14	691
Southeastern	2	18	15	23	720	36	814
Total	80	452	351	722	20,597	3,376	25,578
% of Total	0.3%	1.8%	1.4%	2.8%	80.5%	13.2%	100.0%

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

Table 5-16: Credit Joint Enrollment by College by Residency Status: 2010

College	Iowa	Out-of-State	Inter-national	Unknown	Total
Northeast Iowa	2,465	10	0	0	2,475
North Iowa Area	1,416	6	1	0	1,423
Iowa Lakes	1,446	7	0	0	1,453
Northwest	891	3	0	0	894
Iowa Central	2,780	1	0	0	2,781
Iowa Valley	1,144	2	1	0	1,147
Hawkeye	1,884	0	0	0	1,884
Eastern Iowa	4,321	39	2	0	4,362
Kirkwood	3,951	11	7	1	3,970
Des Moines Area	11,062	14	0	0	11,076
Western Iowa Tech	1,921	20	0	0	1,941
Iowa Western	1,755	1	0	0	1,756
Southwestern	682	0	0	0	682
Indian Hills	1,467	0	0	0	1,467
Southeastern	939	25	7	0	971
Total	38,124	139	18	1	38,282

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

Table 5-17: Credit Joint Enrollment by Grade Level: 2009

College	< 09	9	10	11	12	Total
Northeast Iowa	0	24	72	730	1,118	1,944
North Iowa Area	0	7	62	413	737	1,219
Iowa Lakes	28	32	47	346	510	963
Northwest	0	0	0	6	162	168
Iowa Central	1	49	97	952	1,516	2,615
Iowa Valley	1	6	50	368	645	1,070
Hawkeye	0	77	197	534	798	1,606
Eastern Iowa	0	124	167	680	1,209	2,180
Kirkwood	0	44	374	791	1,435	2,644
Des Moines Area	4	35	471	2,390	4,293	7,193
Western Iowa Tech	0	72	176	468	712	1,428
Iowa Western	0	1	48	571	1,024	1,644
Southwestern	2	10	14	226	378	630
Indian Hills	0	14	45	302	639	1,000
Southeastern	1	1	8	216	447	673
Total	37	496	1,828	8,993	15,623	26,977

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

Table 5-17: Credit Joint Enrollment by Grade Level: 2010

College	9	10	11	12	Total
Northeast	45	119	669	1,187	2,020
North Iowa Area	0	3	27	319	349
Iowa Lakes	44	126	368	646	1,184
Northwest	25	53	235	409	722
Iowa Central	31	33	245	477	786
Iowa Valley	0	0	0	0	0
Hawkeye	87	201	600	844	1,732
Eastern Iowa	120	342	909	1,575	2,946
Kirkwood	40	360	838	1,531	2,769
Des Moines Area	12	203	1,816	4,038	6,069
Western Iowa Tech	53	136	463	756	1,408
Iowa Western	2	34	582	972	1,590
Southwestern	8	18	270	369	665
Indian Hills	36	56	444	747	1,283
Southeastern	1	3	115	254	373
Total	504	1,687	7,581	14,124	23,896

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, 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 2010. Award counts include the same student each time she receives an award during this period of time. In 2010, the number of awards declined, but the composition of community college awardees remained relatively the same.

Number of awards increased in 2010 to a record high 15,898, or by 10.9 percent compared to 2009. On average, the number of awards in Iowa community colleges has increased three 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. Associate of Arts comprised 4,919 (30.9%) of the total credit student awards granted during fiscal year 2010. Associate in Applied Science awards accounted for another 4,482 (28.1%) of awards issued. The share of Associate of Science awards decreased from 8.1 percent in 2009 to

CREDIT AWARDS

LARGEST AWARD TYPE:

ASSOCIATES OF ARTS

437 more awards than Associates of Applied Science

NUMBER OF AWARDS:

15,898

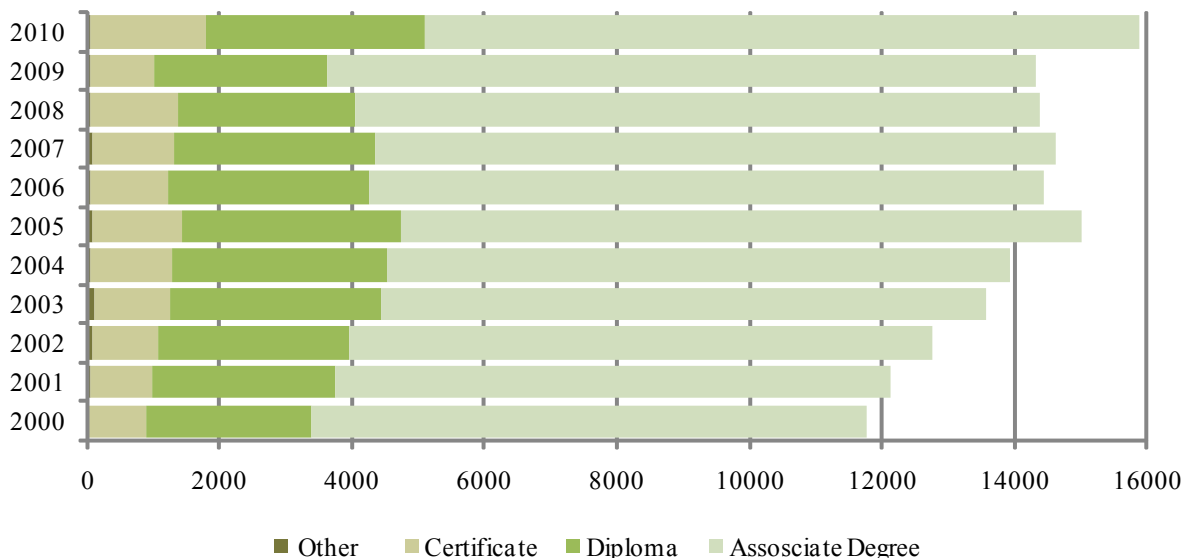
GROWTH SINCE LAST YEAR:

↑ 11%

7.6 percent in 2010. The share of certificates increased from 9.3 to 11 percent, to a record high 1,753 between the same years; the same is true for diplomas: 20.9 percent increase to a record high 3,317.

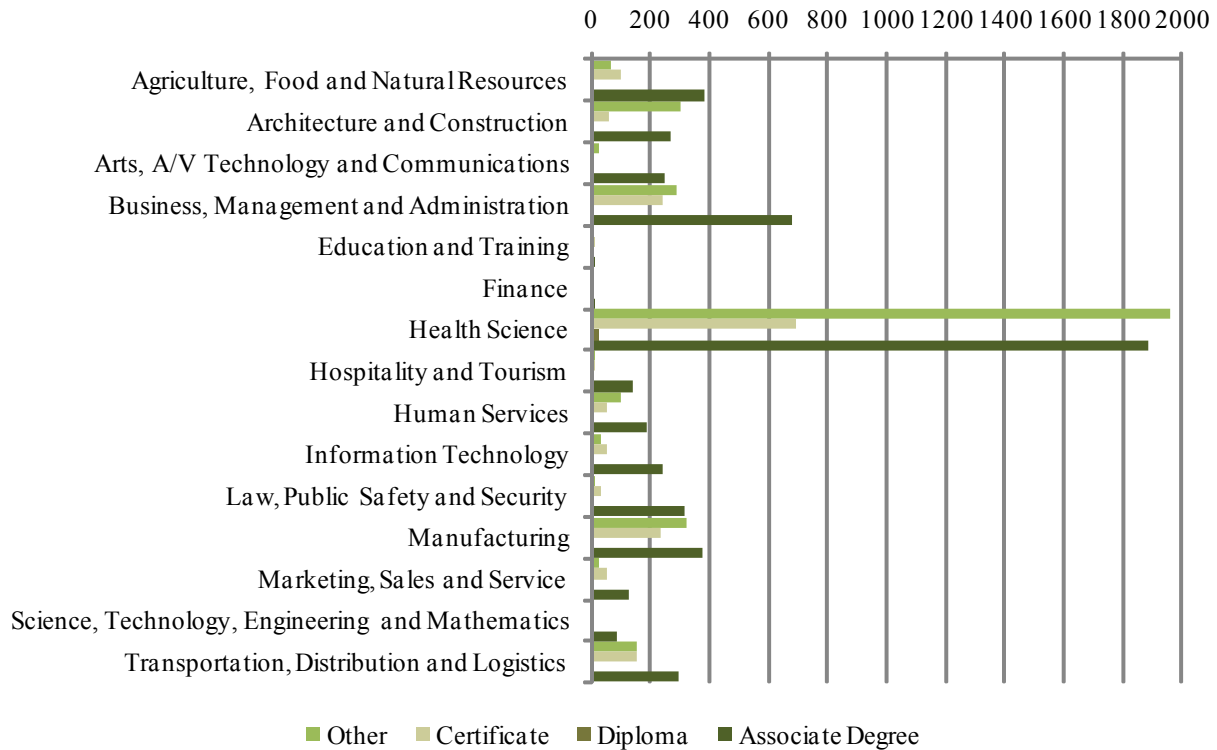
Credit student awards by program majors have remained fairly consistent over the past five years. All areas reflect some fluctuations between fiscal year 2005 and fiscal year 2010. In career and technical education (CTE) programs, the largest number of awards was granted in the health science; followed by business; manufacturing; architecture and construction; transportation, distribution and logistics; and Agriculture, Food, and Natural Resources programs. Steadily over the last 11 years, the prevailing number of degrees (over 50%) were Associate's degrees, followed by Diplomas

Figure 6-1: Awards by Type: 2000-2010



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

Figure 6-2: Fiscal Year Student Award by Program Major: 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation Community College MIS, see Table 6-15. 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’s 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 2010 were women, 59 percent of all awardees in 2010 were women (Figure 6-3). Nationally, women also earn more awards than men (Knapp, Kelly-Reid, and Ginder, 2008): 63 percent of awards in community colleges were given to women in the U.S.

The similar trend is present for the racial distribution: while whites comprise 86 percent of Iowa community colleges enrollees in 2010, they comprise close to 91 percent of all community college awardees in 2010.

The distribution of awards among racial minorities does not mirror enrollment, either. Blacks are still the largest group of awardees among the racial and ethnic

minorities (37.6%), and the largest group of 2010 enrollees among racial minorities (45.5%), but the students of Hispanic origin comprise 34 percent of all awardees among racial and ethnic minorities, while representing only 28.7 percent of all minorities’ enrollees in 2010 (Figure 6-4).

Similar to all awardees, the overwhelming majority

Figure 6-3: Awards by Gender: 2010



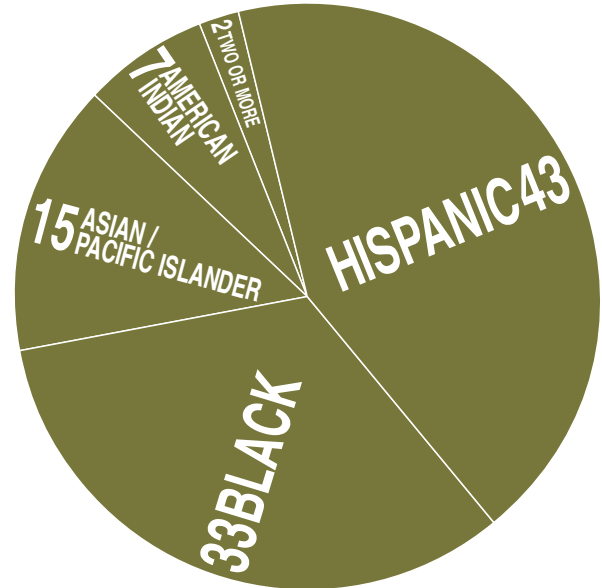
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 6-3.

of awards received by racial minorities falls into two-year degrees (67.2% in 2010), followed by diplomas (20.8% in 2010) and certificates (11.3% in 2010). Unlike the entire community college population, the number of awards among racial and ethnic minorities kept growing, with some fluctuations, from 2000 to 2010 (Figure 6-6).

In 2010, close to 44 percent of all CTE awards were in Health Science. The gender distribution, however, is even higher—66.5 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, Construction and Agriculture (Figure 6-5).

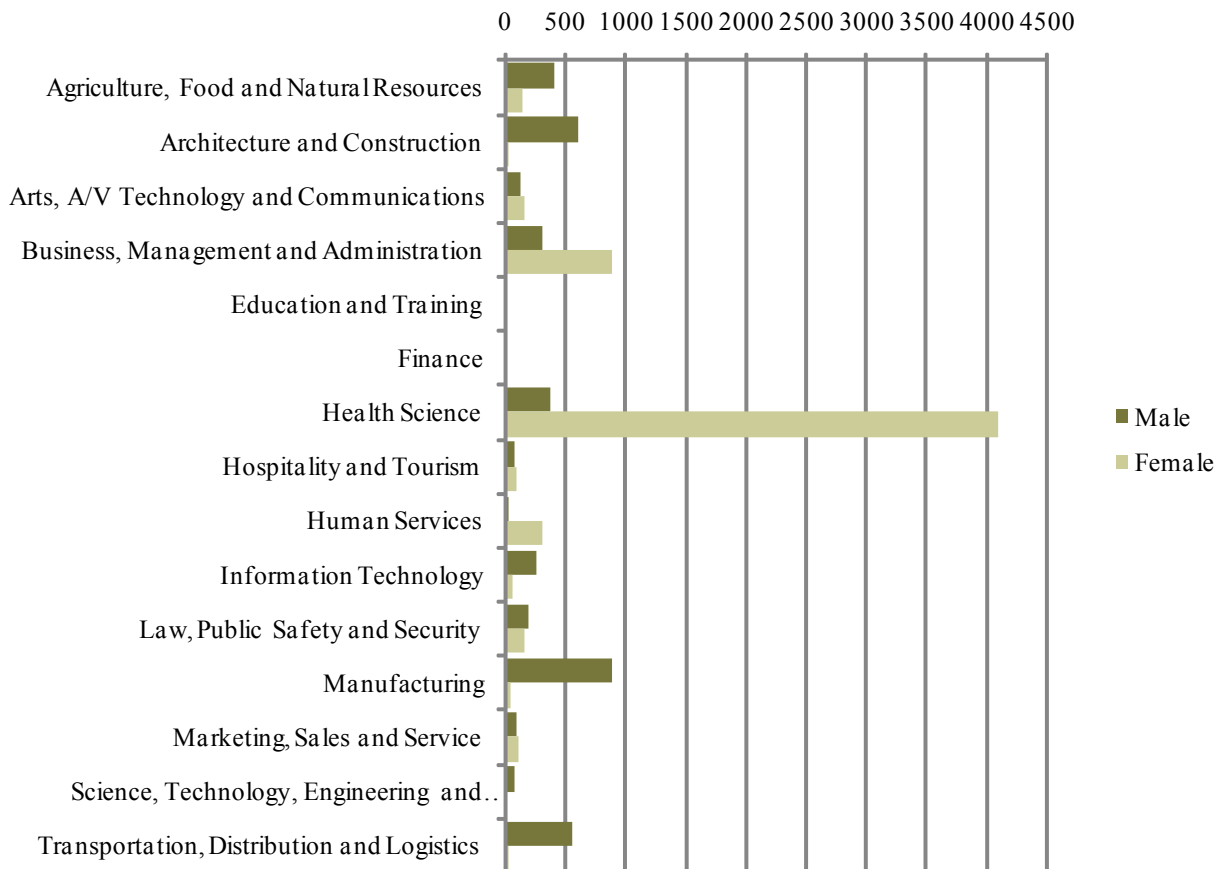
The majority of CTE awards for racial and ethnic minorities were among Health Science students, followed by awards in Business. The distribution, however, was different in comparison with all awardees; for example, only 38 percent of all CTE awards fell into Health Science for minorities (Figure 6-7).

Figure 6-4: Awards by Racial and Ethnic Minorities: 2010



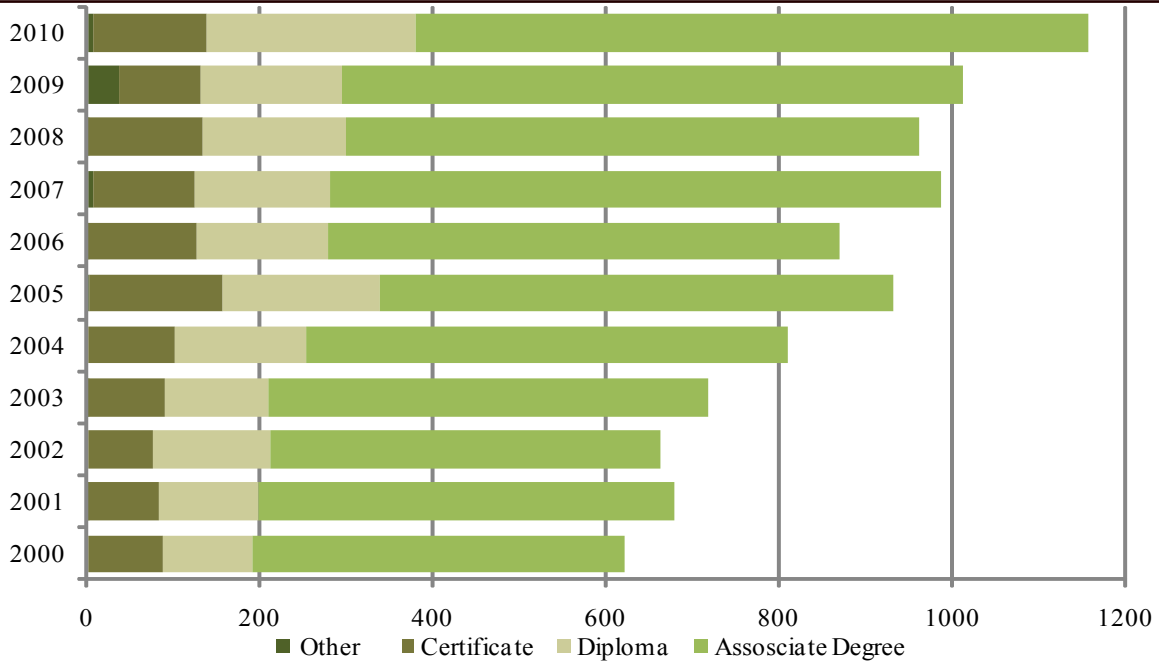
SOURCE: Iowa Department of Education, Division of Community College and Workforce Preparation, Community College MIS, see Table 6-42.

Figure 6-5: Award by Gender by Career Cluster: 2010



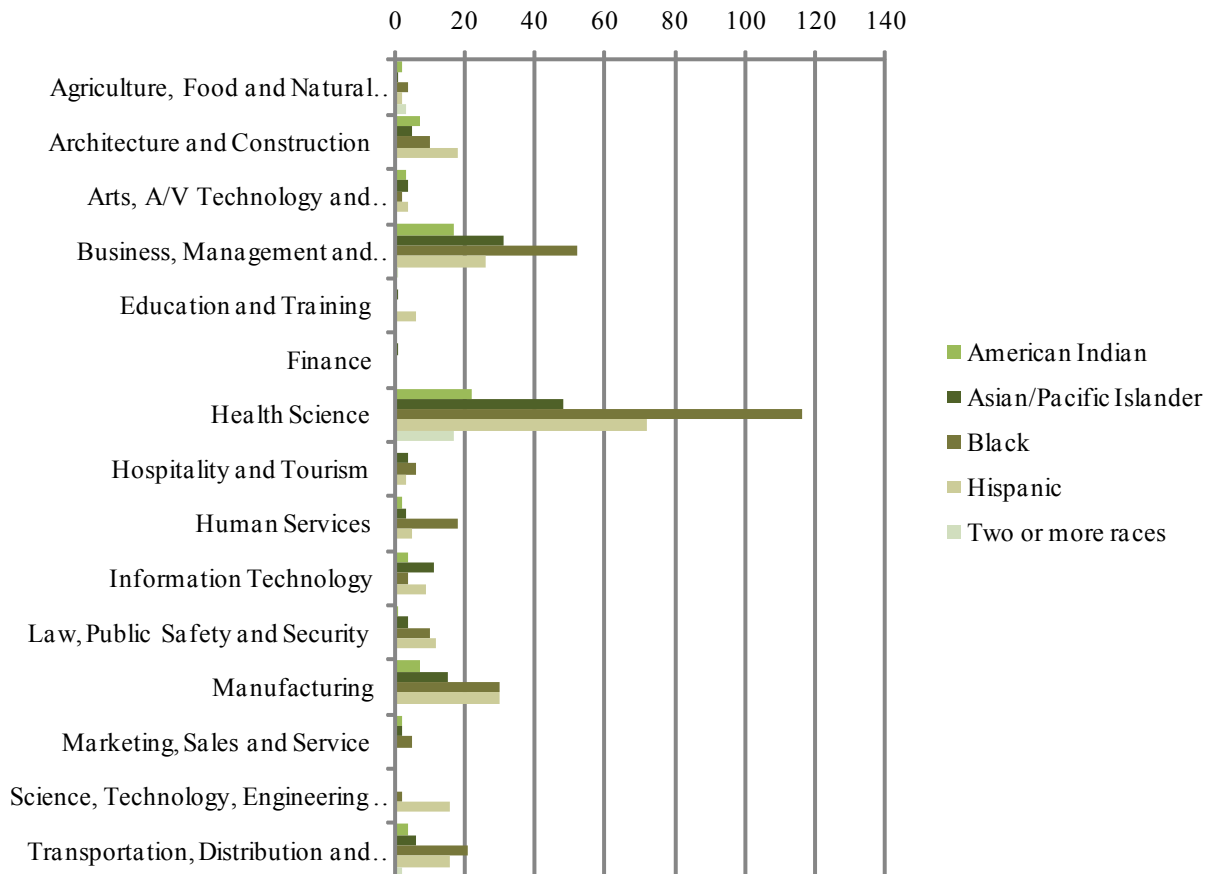
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 6-16 through 6-3.

Figure 6-6: Credit Student Awards within Racial/Ethnic Minority Group: 2000-2010



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

Figure 6-7: Credit Student Awards by Program Major by Racial/Ethnic Group: 2010



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

Table 6-1: Awards by Type: 2006—2010

Award Type	2006	2007	2008	2009	2010
AA	4,661	4,683	4,551	4,817	4,919
AS	1,106	1,053	1,112	1,165	1,205
AGS	60	72	78	88	110
AAA	92	52	57	66	69
AAS	4,259	4,398	4,527	4,587	4,482
Diploma	3,039	3,055	2,689	2,595	3,317
Certificate	1,165	1,221	1,330	978	1,753
Other	51	82	40	40	43
Total	14,433	14,616	14,384	14,336	15,898

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

Table 6-2: Awards by Career Cluster: 2006—2010

Cluster	2006	2007	2008	2009	2010
Agriculture, Food and Natural Resources	541	511	496	555	554
Architecture and Construction	585	601	693	603	640
Arts, A/V Technology and Communications	243	243	238	247	287
Business, Management and Administration	1,137	1,102	1,129	1,114	1,212
Education and Training	26	34	55	48	25
Finance	8	12	9	13	10
Government and Public Administration	61	35	38	40	0
Health Science	4,321	4,401	4,149	3,858	4,563
Hospitality and Tourism	132	140	147	153	163
Human Services	217	219	221	170	343
Information Technology	386	381	335	360	329
Law, Public Safety and Security	364	354	377	345	355
Manufacturing	605	566	655	690	933
Marketing, Sales and Service	224	211	232	155	212
Science, Technology, Engineering and Mathematics	39	92	64	92	98
Transportation, Distribution and Logistics	557	634	649	568	603
College Transfer (Parallel)	5,013	5,100	4,913	5,350	5,584
Total	14,459	14,636	14,400	14,361	15,911

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

Table 6-3: Awards by Career Cluster and Gender : 2006—2010

Cluster	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Agriculture, Food and Natural Resources	388	149	349	146	384	102	434	117	415	136
Architecture and Construction	535	47	560	37	625	58	563	34	605	28
Arts, A/V Technology and Communications	84	155	77	165	94	142	93	152	121	165
Business, Management and Administration	232	903	191	903	248	871	246	860	317	889
Education and Training	9	17	7	26	5	49	10	35	7	18
Finance	4	4	7	5	2	7	3	10	4	6
Government and Public Administration	8	53	6	29	3	35	2	38	0	0
Health Science	362	3,914	370	3,991	350	3,722	321	3,518	381	4,097
Hospitality and Tourism	54	70	62	77	62	81	66	87	73	88
Human Services	5	211	5	214	8	182	2	164	32	309
Information Technology	292	91	275	99	252	82	294	65	265	63
Law, Public Safety and Security	199	162	193	158	205	168	212	130	198	153
Manufacturing	560	35	530	33	613	31	637	42	885	44
Marketing, Sales and Service	91	131	101	105	89	141	59	96	97	115
Science, Technology, Engineering and Mathematics	24	11	60	31	41	18	45	21	73	20
Transportation, Distribution and Logistics	527	16	606	21	611	32	539	16	554	31
College Transfer (Parallel)	1,909	3,037	2,041	2,992	1,967	2,886	2,203	3,061	2,332	3,174
Total	5,283	9,006	5,440	9,032	5,559	8,607	5,729	8,446	6,359	9,336

Note: Each "I" denotes 300 students. Does not include student with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2006 = 144 (1%); fiscal year 2007 = 144 (1%); fiscal year 2008 = 190 (1.3%); fiscal year 2009 = 161 (1.1%); fiscal year 2010 = 221 (1.4%). Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-4: Award Types by Race: 2006—2010

Award Type	2006		2007		2008		2009		2010	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
AA	4,092	328	4,055	367	3,973	321	4,102	371	3,815	391
AS	993	59	923	75	984	82	965	96	945	105
AGS	54	5	58	12	66	9	69	4	87	7
AAA	86	4	48	2	53	3	62	4	66	1
AAS	3,888	195	3,910	251	4,077	249	4,040	243	3,605	275
Diploma	2,774	153	2,779	158	2,417	164	2,319	163	2,630	241
Certificate	947	126	1,022	117	1,084	134	797	94	1,049	131
Other	49	1	71	7	39	1	35	3	33	8
Total	12,883	871	12,866	989	12,693	963	12,389	978	12,230	1,159
% of Total	89.3%	6.0%	88.0%	6.8%	88.2%	6.7%	86.4%	6.8%	91.3%	8.7%

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2006 = 679 (4.7%); 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%). Students may have received more than one award. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-5: Awards by Career Cluster and Race: 2006—2010

Cluster	2006		2007		2008		2009		2010	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
Agriculture, Food and Natural Resources	505	8	460	14	464	8	497	5	508	12
Architecture and Construction	526	25	518	36	607	43	528	36	509	40
Arts, A/V Technology and Communications	222	11	210	17	217	13	221	13	245	13
Business, Management and Administration	1,030	72	960	100	974	113	935	92	916	127
Education and Training	22	3	19	10	37	13	41	3	14	7
Finance	7	0	10	1	8	0	10	0	5	1
Government and Public Administration	51	8	25	9	28	7	32	4	0	0
Health Science	3,869	271	3,985	242	3,724	237	3,450	220	3,731	275
Hospitality and Tourism	110	9	121	11	133	7	117	19	129	13
Human Services	200	6	193	13	180	5	146	8	276	28
Information Technology	332	25	339	22	299	29	308	21	265	28
Law, Public Safety and Security	330	10	308	22	333	24	299	28	278	27
Manufacturing	552	25	512	31	563	43	615	42	746	82
Marketing, Sales and Service	201	9	187	8	205	13	120	13	177	9
Science, Technology, Engineering and Mathematics	33	2	49	21	34	15	63	3	58	18
Transportation, Distribution and Logistics	498	28	557	37	576	39	475	55	473	49
College Transfer (Parallel)	4,395	359	4,413	395	4,284	353	4,532	416	4,370	674
Total	12,883	871	12,866	989	12,666	962	12,389	978	12,700	1,403
Percent of Total	93.7%	6.3%	92.9%	7.1%	92.9%	7.1%	92.7%	7.3%	89.0%	11.1%

Note: Does not include students with unknown or unreported race. The following are unknown/unreported totals: fiscal year 2006 = 679 (4.7%); fiscal year 2007 = 610 (4.2%); fiscal year 2008 = 728 (5.1%); fiscal year 2009 = 969 (6.7%); fiscal year 2010 = 61,333 (9.3%). Students may have received more than one award. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-6: Awards by Career Cluster and College: 2006

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	12	57	0	2	33	71	23	182	49	23	14	2	4	14	541
Architecture and Construction	41	11	35	74	23	28	28	21	95	75	65	22	28	19	20	585
Arts, A/V Technology and Communications	0	0	14	0	4	2	84	10	45	50	7	13	8	0	6	243
Business, Management and Administration	134	66	31	30	44	28	43	126	128	222	116	30	15	71	53	1,137
Education and Training	0	5	0	0	0	0	0	3	4	3	3	8	0	0	0	26
Finance	0	0	0	0	0	0	1	0	7	0	0	0	0	0	0	8
Government and Public Administration	3	0	0	0	0	0	0	0	30	28	0	0	0	0	0	61
Health Science	373	287	204	83	207	136	658	202	509	395	390	242	88	328	219	4,321
Hospitality and Tourism	0	1	18	0	0	0	0	10	44	27	0	22	0	10	0	132
Human Services	15	0	16	0	18	6	11	11	37	23	22	13	0	35	10	217
Information Technology	25	25	5	22	9	5	21	37	102	51	17	11	12	35	9	386
Law, Public Safety and Security	0	43	14	0	36	6	24	0	99	67	38	0	0	17	20	364
Manufacturing	42	16	11	36	58	8	84	6	45	54	64	8	8	133	32	605
Marketing, Sales and Service	24	4	8	0	0	3	8	0	35	110	12	20	0	0	0	224
Science, Technology, Engineering and Mathematics	0	0	0	0	2	0	9	8	3	0	0	6	0	11	0	39
Transportation, Distribution and Logistics	23	15	68	14	19	0	56	71	30	78	41	43	31	49	19	557
College Parallel	187	326	178	18	345	312	359	575	856	680	127	329	79	405	237	5,013
Total	922	811	659	277	767	567	1,457	1,103	2,251	1,912	925	781	271	1,117	639	14,459

NOTE: Students may have received awards in more than one cluster. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-7: 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	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 and Workforce Preparation, Community College MIS.

Table 6-8: Awards by Career Cluster and College: 2008

Cluster	College												Total			
	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
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 and Workforce Preparation, Community College MIS.

Table 6-9: 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	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	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						9		15	4	13				45	
Finance								10		3					13	
Government and Public Administration	4							2	34						40	
Health Science	296	397	161	78	229	124	236	220	401	440	270	256	129	388	230	3,855
Hospitality and Tourism	1	9	12	1	10	5	24	15	16	19	13	17	14	10	4	153
Human Services	15	4	12	10	5	24	15	16	19	13	17	14	16	4	170	
Information Technology	22	13	5	3	26	7	45	35	54	55	12	7	14	50	12	360
Law, Public Safety and Security	39	14	14	34	10	29	51	88	52							345
Manufacturing	17	15	17	42	74	13	81	31	58	92	44	12	152	39	687	
Marketing, Sales and Service	11	4	4			15		21	73	7	20				155	
Science, Technology, Engineering and Mathematics	162	319	146	19	361	240	350	515	1,146	786	141	385	102	435	243	5,350
Transportation, Distribution and Logistics	4	3	4	4	2	9	7	16	36	9					90	
College Transfer (Parallel)	15	13	42	23	32	85	72	29	76	40	45	24	35	25	556	
Total	753	931	560	285	886	473	1,135	1,148	2,180	2,205	711	883	333	1,178	675	14,336

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

Table 6-10: 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	9		9		6	48	62	16						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							355
Manufacturing	21	55	22	30	78	30	116	99	65	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							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 and Workforce Preparation, Community College MIS.

Table 6-11: Awards by Career Cluster and Award Type: 2006

Career Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-Completed	Total
Agriculture, Food and Natural Resources	5	23	1	0	394	71	47	0	0	541
Architecture and Construction	0	10	0	0	254	291	29	0	1	585
Arts, A/V Technology and Communications	4	21	0	92	121	3	1	0	1	243
Business, Management and Administration	10	295	0	0	402	281	149	0	0	1,137
Education and Training	2	10	0	0	11	0	3	0	0	26
Finance	0	5	0	0	3	0	0	0	0	8
Government and Public Administration	27	28	0	0	0	0	3	3	0	61
Health Science	4	23	1	0	1,722	1,853	671	46	1	4,321
Hospitality and Tourism	0	0	0	0	111	8	8	0	5	132
Human Services	23	48	0	0	62	67	17	0	0	217
Information Technology	2	34	0	0	239	59	51	0	1	386
Law, Public Safety and Security	89	129	0	0	108	6	32	0	0	364
Manufacturing	0	0	0	0	336	209	56	1	3	605
Marketing, Sales and Service	0	30	0	0	117	32	44	0	1	224
Science, Technology, Engineering and Mathematics	0	11	0	0	23	1	3	0	1	39
Transportation, Distribution and Logistics	0	12	0	0	348	146	41	0	10	557
College Transfer (Parallel)	4,495	427	58	0	8	12	10	1	2	5,013
Total	4,661	1,106	60	92	4,259	3,039	1,165	51	26	14,459

NOTE: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness. Each "1" denotes five percent of total.
 SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-12: 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 and Workforce Preparation, Community College MIS.

Table 6-13: 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 "P" denotes five percent of total. SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-14: Awards by Career Cluster and Award Type: 2009

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	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, AV 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	1,595	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: 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 and Workforce Preparation, Community College MIS.

Table 6-15: Awards by Career Cluster and Award Type: 2010

Cluster	AA	AS	AGS	AAA	AAS	Diplo- ma	Certifi- cate	Other	Non- com- pleters	Total
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, A/V 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 and Workforce Preparation, Community College MIS.

Table 6-16: Awards in Agriculture, Food, and Natural Resources by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	50	4	45	6	42	10	50	5	48	12
North Iowa Area	11	1	9	0	20	1	18	0	12	1
Iowa Lakes	53	4	48	7	41	2	37	4	53	5
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	2	0	5	1	2	1	11	1	9	0
Iowa Valley	17	16	7	6	14	6	16	4	15	7
Hawkeye	57	12	59	17	60	22	84	36	65	33
Eastern Iowa	16	6	20	7	17	3	21	3	22	4
Kirkwood	104	78	98	66	98	32	107	32	84	53
Des Moines Area	36	13	31	16	55	12	63	23	81	10
Western Iowa Tech	16	7	3	8	2	4	0	2	2	0
Iowa Western	13	1	12	2	14	2	9	0	13	4
Southwestern	1	1	3	0	3	3	2	2	1	4
Indian Hills	3	1	4	2	7	1	5	0	2	2
Southeastern	9	5	5	8	9	3	11	5	8	1
Total by Gender	388	149	349	146	384	102	434	117	415	136
Total	537	537	495	495	486	486	551	551	551	551

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

Table 6-17: Awards Architecture and Construction by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	36	5	51	1	59	1	46	1	57	1
North Iowa Area	11	0	11	1	14	0	29	0	23	1
Iowa Lakes	32	2	28	1	46	0	56	3	33	1
Northwest	74	0	71	1	76	2	102	0	111	3
Iowa Central	20	3	44	2	28	4	29	3	10	1
Iowa Valley	28	0	28	3	18	3	27	1	22	1
Hawkeye	25	3	36	3	29	3	27	3	26	1
Eastern Iowa	17	4	29	0	30	8	14	0	22	1
Kirkwood	86	8	86	4	47	7	43	12	67	6
Des Moines Area	67	8	63	10	89	10	71	4	82	6
Western Iowa Tech	57	8	44	7	105	6	44	2	78	2
Iowa Western	21	0	20	0	21	6	18	2	30	1
Southwestern	25	3	26	1	36	3	26	1	25	2
Indian Hills	17	2	17	1	16	2	20	2	11	1
Southeastern	19	1	6	2	11	3	11	0	8	0
Total by Gender	535	47	560	37	625	58	563	34	605	28
Total	582	597	683	597	683	597	633			

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

Table 6-18: Awards in Arts, AV Technology, and Communications by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	1	6	0	5
North Iowa Area	0	0	0	0	0	2	3	3	1	5
Iowa Lakes	5	9	8	15	8	8	5	9	8	6
Northwest	0	0	0	0	0	0	0	0	0	4
Iowa Central	2	2	5	3	5	2	5	5	16	5
Iowa Valley	2	0	4	2	1	2	2	0	2	0
Hawkeye	18	64	10	39	14	38	14	48	14	51
Eastern Iowa	4	6	2	13	3	10	3	14	3	5
Kirkwood	10	34	12	40	14	37	20	24	16	31
Des Moines Area	25	25	23	24	26	22	23	26	45	32
Western Iowa Tech	2	5	2	9	8	3	1	2	7	8
Iowa Western	10	2	10	10	9	8	13	6	7	6
Southwestern	6	2	1	1	3	1	1	3	1	2
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	6	0	9	3	9	2	6	1	5
Total by Gender	84	155	77	165	94	142	93	152	121	165
Total	239	242	242	236	245	286				

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

Table 6-19: Awards in Business Management and Administration by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	15	119	12	79	18	62	17	84	17	86
North Iowa Area	18	47	18	53	19	43	17	47	18	67
Iowa Lakes	4	27	8	25	8	32	8	24	3	18
Northwest	10	20	3	26	4	21	2	16	8	21
Iowa Central	2	42	8	26	7	36	19	38	28	41
Iowa Valley	1	27	0	21	1	24	1	23	3	15
Hawkeye	2	41	4	42	2	29	3	53	2	47
Eastern Iowa	19	107	10	171	33	110	20	162	68	132
Kirkwood	29	98	30	99	27	93	29	58	65	106
Des Moines Area	75	147	55	159	68	194	81	177	67	171
Western Iowa Tech	40	76	28	72	37	68	23	33	17	47
Iowa Western	4	26	2	13	3	22	6	24	3	21
Southwestern	3	12	6	21	8	21	7	22	2	24
Indian Hills	3	68	2	41	5	66	1	44	9	51
Southeastern	7	46	5	55	8	50	12	55	7	42
Total by Gender	232	903	191	903	248	871	246	860	317	889
Total	1135	1094	1119	1106	1206					

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

Table 6-20: Awards in Education and Training by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	5	0	1	0	0	3	2	2	1	1
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	3	0	2	1	1	0	9	0	4
Kirkwood	2	2	0	4	0	5	0	0	0	1
Des Moines Area	1	2	5	6	4	24	7	8	6	9
Western Iowa Tech	1	2	0	3	0	2	0	4	0	1
Iowa Western	0	8	1	11	0	14	1	12	0	2
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	9	17	7	26	5	49	10	35	7	18
Total	26	33	54	45	25					

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

Table 6-21: Awards in Finance by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	0	0	0	0	0	0	0	0	0	0
Iowa Lakes	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	1	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	4	3	6	4	1	7	3	7	3	4
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	1	1	1	0	0	3	1	2
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	4	4	7	5	2	7	3	10	4	6
Total	8		12		9		13		10	

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

Table 6-22: Awards in Government and Public Administration: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	3	1	2	0	1	0	0	4	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	3	27	2	10	2	15	0	2	2	0
Des Moines Area	5	23	3	17	1	19	2	32	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	8	53	6	29	3	35	2	38	0	0
Total	61		35		38		40		0	

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

Table 6-23: Awards in Health Science by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	24	349	26	321	28	300	19	277	22	278
North Iowa Area	44	239	33	267	49	295	42	345	50	364
Iowa Lakes	12	192	21	172	19	179	18	142	27	198
Northwest	1	82	8	100	6	76	10	68	7	77
Iowa Central	19	188	12	183	15	204	19	208	19	338
Iowa Valley	8	128	8	119	6	118	6	118	11	106
Hawkeye	41	582	38	518	32	511	13	223	22	223
Eastern Iowa	22	177	30	304	13	172	20	200	12	188
Kirkwood	47	460	46	493	24	292	38	363	39	483
Des Moines Area	42	353	38	416	43	413	39	401	45	478
Western Iowa Tech	23	367	25	318	23	313	17	253	23	277
Iowa Western	21	220	21	196	23	210	27	227	26	245
Southwestern	5	83	11	91	12	99	9	120	10	110
Indian Hills	28	300	32	329	37	365	28	360	51	506
Southeastern	25	194	21	164	20	175	16	213	17	225
Total by Gender	362	3914	370	3991	350	3722	321	3518	381	4096
Total	4276	4361	4072	3839	4477					

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

Table 6-24: Awards in Hospitality and Tourism by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	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	1	1	3	0	1	2	2
Iowa Lakes	9	9	4	6	5	5	4	5	2	7
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	1	2	7
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	4	3	8	1	5	0	5	2	4
Kirkwood	13	31	24	28	17	22	29	25	22	24
Des Moines Area	12	15	22	22	28	29	24	35	30	32
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	13	4	8	5	7	6	5	9	6	10
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	3	7	1	7	3	11	4	6	7	2
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	54	70	62	77	62	81	66	87	73	88
Total	124	139	143	153	161					

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

Table 6-25: Awards in Human Services by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	14	0	13	0	8	0	15	2	28
North Iowa Area	0	0	0	2	0	0	0	4	0	4
Iowa Lakes	0	16	0	23	0	17	0	12	0	20
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	1	17	0	6	3	15	0	10	1	31
Iowa Valley	0	6	0	4	0	5	0	5	0	9
Hawkeye	1	10	1	19	0	12	0	22	0	17
Eastern Iowa	0	11	0	21	3	25	0	14	0	23
Kirkwood	1	36	1	24	0	20	1	15	2	22
Des Moines Area	0	23	1	23	0	22	1	18	23	103
Western Iowa Tech	0	22	0	22	0	23	0	12	0	14
Iowa Western	0	13	0	14	0	10	0	17	1	17
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	35	1	35	0	21	0	16	0	17
Southeastern	2	8	1	8	2	4	0	4	3	4
Total by Gender	5	211	5	214	8	182	2	164	32	309
Total	216	219	190	166	341					

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

Table 6-26: Awards in Information Technology by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	18	6	12	5	12	10	15	7	3	1
North Iowa Area	18	7	13	9	16	2	12	1	12	4
Iowa Lakes	4	1	5	0	4	2	4	1	10	3
Northwest	15	7	8	4	5	2	2	1	2	1
Iowa Central	5	4	9	6	5	1	21	5	8	1
Iowa Valley	4	1	4	1	3	2	5	2	1	2
Hawkeye	18	3	15	8	17	5	40	5	33	1
Eastern Iowa	27	10	26	7	30	2	28	7	20	3
Kirkwood	83	19	74	11	45	10	48	6	77	13
Des Moines Area	38	13	35	12	29	5	44	11	48	7
Western Iowa Tech	15	2	10	10	8	0	10	2	7	6
Iowa Western	8	2	5	4	7	5	5	2	9	1
Southwestern	9	3	3	6	17	10	11	3	4	5
Indian Hills	25	10	49	15	50	23	39	11	26	12
Southeastern	5	3	7	1	4	3	10	1	5	3
Total by Gender	292	91	275	99	252	82	294	65	265	63
Total	383		374		334		359		328	

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

Table 6-27: Awards in Law, Public Safety, and Security by Gender: 2006—2010

College	2006		2007		2008		2009		2010		
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	
Northeast	0	0	0	0	0	0	0	0	0	1	0
North Iowa Area	22	21	19	12	13	17	25	14	12	12	15
Iowa Lakes	8	6	13	10	8	6	7	7	10	10	6
Northwest	0	0	0	0	0	0	0	0	0	0	0
Iowa Central	22	14	11	2	12	9	19	15	19	19	24
Iowa Valley	5	1	6	2	3	5	5	5	2	2	0
Hawkeye	18	6	21	7	31	5	27	2	28	28	5
Eastern Iowa	0	0	0	0	0	0	0	0	0	0	0
Kirkwood	60	36	55	44	51	47	39	10	23	23	5
Des Moines Area	28	39	35	39	42	34	48	40	48	48	59
Western Iowa Tech	19	19	18	23	21	26	28	23	30	30	17
Iowa Western	0	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0	0
Indian Hills	10	7	9	4	17	2	6	3	18	18	5
Southeastern	7	13	6	15	7	17	8	11	7	7	17
Total by Gender	199	162	193	158	205	168	212	130	198	198	153
Total	361		351		373		342		351		

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

Table 6-28: Awards in Manufacturing by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	9	14	21	6	22	1	17	0	20	1
North Iowa Area	2	2	7	0	13	0	15	0	55	0
Iowa Lakes	4	4	11	0	7	1	16	1	21	1
Northwest	0	0	15	2	34	1	41	1	30	0
Iowa Central	0	0	64	1	67	3	68	3	70	6
Iowa Valley	2	1	7	1	15	0	13	0	30	0
Hawkeye	3	5	69	6	79	1	76	4	108	8
Eastern Iowa	0	0	16	0	28	2	25	6	93	5
Kirkwood	15	20	47	1	52	0	55	3	62	3
Des Moines Area	43	67	73	1	83	8	80	12	142	3
Western Iowa Tech	8	4	44	2	48	1	41	3	39	3
Iowa Western	5	14	11	0	16	1	9	1	15	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	111	11	106	11	143	7	140	9
Southeastern	0	0	34	2	43	1	38	1	59	5
Total by Gender	91	131	530	33	613	31	637	42	884	44
Total	222	563	644	679	928					

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

Table 6-29: Awards in Marketing by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	9	14	10	17	3	15	8	3	7	14
North Iowa Area	2	2	0	0	0	2	2	2	4	1
Iowa Lakes	4	4	7	1	3	2	2	2	3	4
Northwest	0	0	0	0	0	2	0	0	0	0
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	2	1	1	3	2	4	0	0	0	1
Hawkeye	3	5	4	3	5	10	10	5	5	18
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	15	20	11	25	16	23	5	16	19	10
Des Moines Area	43	67	59	36	50	63	22	51	55	56
Western Iowa Tech	8	4	4	9	6	8	3	4	3	4
Iowa Western	5	14	5	11	4	12	7	13	1	7
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	91	131	101	105	89	141	59	96	97	115
Total	222		206		230		155		212	

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

Table 6-30: Awards in Science, Technology, Engineering, and Mathematics (STEM) by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	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	3	0	4	0	5	0
Iowa Lakes	0	0	0	1	2	0	3	0	7	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	2	0	5	1	5	1	4	0	14	1
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	5	4	1	1	5	0	1	1	2	0
Eastern Iowa	6	1	29	12	12	10	9	0	23	9
Kirkwood	2	1	5	0	1	0	1	4	3	3
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	1	1	4	2	10	6	11	2
Iowa Western	4	1	10	13	2	4	5	10	4	4
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	5	4	9	2	7	1	8	0	4	1
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	24	11	60	31	41	18	45	21	73	20
Total	35		91		59		66		93	

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

Table 6-31: Awards in Transportation, Distribution, and Logistics by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	23	0	26	0	17	0	14	0	24	2
North Iowa Area	14	1	12	1	12	0	13	0	8	0
Iowa Lakes	67	1	52	1	53	2	40	2	38	3
Northwest	13	1	26	1	41	1	22	1	27	0
Iowa Central	19	0	20	1	26	1	31	1	34	0
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	53	3	53	0	49	2	84	1	70	7
Eastern Iowa	64	4	114	8	97	10	69	3	45	1
Kirkwood	29	1	44	1	20	0	28	1	36	0
Des Moines Area	77	1	78	2	88	3	76	0	59	4
Western Iowa Tech	41	0	62	2	47	5	36	4	37	2
Iowa Western	32	0	27	1	43	5	44	1	33	0
Southwestern	29	2	36	3	34	1	24	0	21	0
Indian Hills	47	2	47	0	63	0	33	2	91	7
Southeastern	19	0	9	0	21	2	25	0	29	5
Total by Gender	527	16	606	21	611	32	539	16	552	31
Total	543		627		643		555		583	

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

Table 6-32: Awards in College Transfer (Parallel) by Gender: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	57	129	61	126	49	116	50	111	76	126
North Iowa Area	144	175	145	194	136	158	158	156	157	179
Iowa Lakes	71	107	59	115	67	112	60	86	61	103
Northwest	4	14	12	15	3	23	8	11	13	19
Iowa Central	160	184	153	184	149	181	171	186	167	198
Iowa Valley	118	194	121	149	107	127	107	133	136	157
Hawkeye	145	205	145	186	140	217	163	178	159	225
Eastern Iowa	204	362	251	425	207	332	191	322	205	314
Kirkwood	362	476	383	468	392	429	493	627	420	540
Des Moines Area	270	410	301	405	302	436	325	461	409	550
Western Iowa Tech	32	90	40	98	34	95	34	100	33	85
Iowa Western	104	218	121	201	135	205	147	222	200	177
Southwestern	30	49	40	56	31	54	36	65	26	71
Indian Hills	130	266	137	211	128	230	173	251	148	224
Southeastern	78	158	72	159	87	171	87	152	121	206
Total by Gender	1909	3037	2041	2992	1967	2886	2203	3061	2331	3174
Total	4,946	5,033	4,853	5,264	5,505					

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

Table 6-33: Awards by Career Cluster and Ethnicity/Race: 2006

Cluster	American Indian						Total
	Indian	Asian	Black	Hispanic	White	Not Reported	
Agriculture, Food and Natural Resources	0	2	4	2	505	28	541
Architecture and Construction	8	3	4	10	526	33	584
Arts, A/V Technology and Communications	1	2	3	5	222	9	242
Business, Management and Administration	6	14	30	22	1,030	35	1,137
Education and Training	0	2	1	0	22	1	26
Finance	0	0	0	0	7	1	8
Government and Public Administration	0	1	7	0	51	2	61
Health Science	26	35	140	70	3,869	180	4,320
Hospitality and Tourism	1	3	4	1	110	8	127
Human Services	0	2	4	0	200	11	217
Information Technology	6	8	8	3	332	28	385
Law, Public Safety and Security	0	0	7	3	330	24	364
Manufacturing	2	3	5	15	552	25	602
Marketing, Sales and Service	0	2	3	4	201	13	223
Science, Technology, Engineering and Mathematics	0	2	0	0	33	3	38
Transportation, Distribution and Logistics	2	7	7	12	498	21	547
College Transfer (parallel)	27	65	142	125	4,395	257	5,011
Total	79	151	369	272	12,883	679	14,433

NOTE: "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.
 SOURCE: Iowa Department of Education, Division of Community College and Workforce Preparation, Community College MIS.

Table 6-34: Awards by Career Cluster and Ethnicity/Race: 2007

Cluster	American						Total
	Indian	Asian	Black	Hispanic	White	Not Reported	
Agriculture, Food and Natural Resources	4	0	5	5	460	30	504
Architecture and Construction	5	6	6	19	518	44	598
Arts, AV 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 without no responses and students reported with unknown race/ethnicity.
 SOURCE: Iowa Department of Education, Division of Community College and Workforce Preparation, Community College MIS.

Table 6-35: Awards by Career Cluster and Ethnicity/Race: 2008

Cluster	American						Total
	Indian	Asian	Black	Hispanic	White	Not Reported	
Agriculture, Food and Natural Resources	3	1	2	2	464	19	491
Architecture and Construction	3	3	17	20	607	43	693
Arts, A/V 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 without no responses and students reported with unknown race/ethnicity.

SOURCE: Iowa Department of Education, Division of Community College and Workforce Preparation, Community College MIS.

Table 6-36: Awards by Career Cluster and Ethnicity/Race: 2009

Cluster	American						Total
	Indian	Asian	Black	Hispanic	White	Not Reported	
Agriculture, Food and Natural Resources	2	0	2	1	497	52	554
Architecture and Construction	4	2	8	22	528	39	603
Arts, AV 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 without no responses and students reported with unknown race/ethnicity.
 Source: Iowa Department of Education, Division of Community College and Workforce Preparation Community College MIS.

Table 6-37: 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 without no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 6-38: Awards by Ethnicity/Race and Award Type: 2006

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total							
American Indian	27	1%	4	0%	0	0%	21	0%	22	1%	5	0%	0	0%	79	1%
Asian	60	1%	11	1%	0	0%	37	1%	24	1%	17	1%	1	2%	151	1%
Black	134	3%	24	2%	2	3%	79	2%	59	2%	70	6%	0	0%	369	3%
Hispanic	107	2%	20	2%	3	5%	58	1%	48	2%	34	3%	0	0%	272	2%
White	4,092	88%	993	90%	54	90%	3,888	91%	2,774	0%	947	0%	49	96%	12,883	89%
Not Reported	241	5%	54	5%	1	2%	176	4%	112	4%	92	8%	1	2%	679	5%
Total	4,661		1,106		60		4,259		3,039		1,165		51		14,433	

NOTE: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce preparation, Community College MIS.

Table 6-39: 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 without no responses and students reported with unknown race/ethnicity.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce preparation, Community College MIS.

Table 6-40: Awards by Ethnicity/Race and Award Type: 2008

	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Total									
American Indian	24	0%	5	0%	1	1%	0	0%	22	0%	14	0%	4	0%	0	0%	70	0%
Asian	62	1%	26	1%	0	0%	0	0%	46	1%	27	1%	23	1%	1	1%	185	1%
Black	128	1%	28	1%	6	4%	1	1%	76	1%	67	1%	54	2%	0	0%	360	3%
Hispanic	107	1%	23	1%	2	1%	2	2%	105	1%	56	1%	53	2%	0	0%	348	2%
White	3,973	45%	984	45%	66	43%	53	47%	4,077	46%	2,417	46%	1,084	43%	39	49%	12,693	88%
Not Reported	257	3%	46	2%	3	2%	1	1%	201	2%	108	2%	112	4%	0	0%	728	5%
Total	8,845		2,178		153		113		8,853		5,270		2,548		80		14,384	

NOTE: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce preparation., Community College MIS.

Table 6-41: 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%	0	0%	20	0%	24	1%	3	0%	0	0%	76	1%
Asian	55	1%	27	2%	0	0%	0	0%	51	1%	30	1%	16	2%	1	3%	180	1%
Black	153	3%	37	3%	3	3%	3	5%	84	2%	49	2%	37	4%	2	5%	368	3%
Hispanic	139	3%	27	2%	1	1%	1	2%	88	2%	60	2%	38	4%	0	0%	354	2%
White	4,102	85%	965	83%	69	78%	62	94%	4,040	88%	2,319	89%	797	81%	35	88%	12,389	86%
Not Reported	344	7%	104	9%	15	17%	0	0%	304	7%	113	4%	87	9%	3	8%	978	7%
Total	4,817		1,165		88		66		4,587		2,595		978		41		14,345	

NOTE: Percentages are the proportion of awards for each column. "Not Reported" includes students without no responses and students reported with unknown race/ethnicity.
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce preparation., Community College MIS.

Table 6-42: 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 without no responses and students reported with unknown race/ethnicity. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

7

CREDIT PROGRAMS

Community colleges are required to obtain approval from the Iowa Department of Education 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 Science 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 of career and technical education (CTE) programs must be obtained for each program a community college offers. Iowa structures CTE programs around career clusters which are listed in Figure 7-2. These national career clusters are comprised of 16 individual groupings, or career clusters, of occupations/career specialties that can be used to organize curriculum and instruction. Occupations/career specialties are grouped into the career clusters based on a common set of knowledge and skills that are needed for career success. The knowledge and skills represented by career clusters

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 and Workforce Preparation.

Figure 7-2: National Career Clusters (16)



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

prepare learners for a full range of occupations/career specialties, focusing on the holistic, polished blend of technical, academic, and employability knowledge and skills.

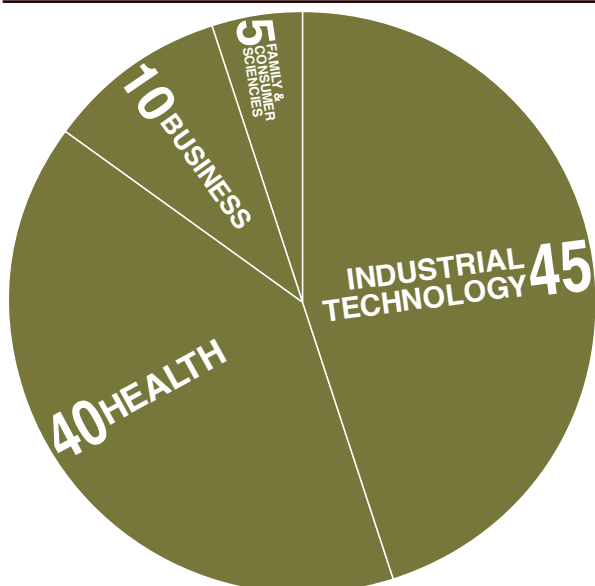
New Credit Programs

Table 7-1 indicates that in fiscal year 2010, the director of the Department of Education approved 20 new career and technical education programs for 12 community colleges. Eight programs were developed in health science; two 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; and two programs were developed in transportation, distribution, and logistics.

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 2010 by these seven service areas.

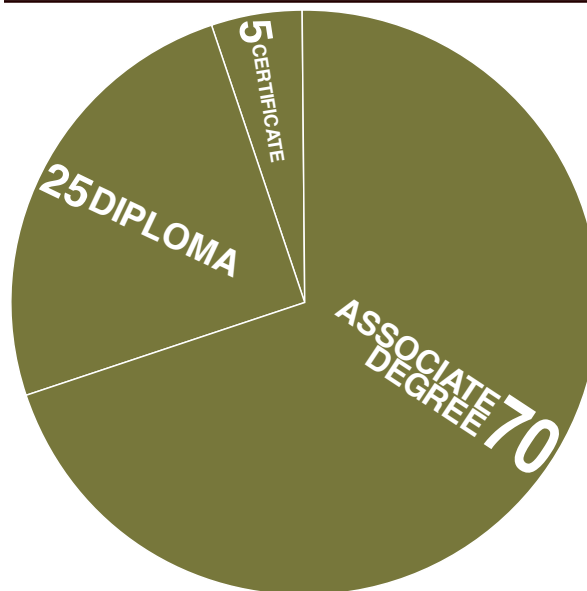
Figure 7-4 indicates that 70 percent (14 total) of the new CTE programs offered an associate degree. Only 25 percent (5 total) of programs offered a diploma award, and only five percent of programs (1 total) offered a certificate award.

Figure 7-3: New Credit Career and Technical Education Programs by Service Area: 2010



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

Figure 7-4: New Credit Career and Technical Education Programs by Award Type: 2010



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

Career and Technical Programs

Iowa community colleges modify their program content annually. Outdated programs are discontinued, and new programs are introduced. During 2010, Iowa community colleges offered 700 programs with 1,255 award options. Iowa community colleges offered 270 unique technical programs in a variety of careers. Even though some programs have been discontinued, the numbers for 2010 constitute growth compared to 2009: 1.7 percent in the number of programs, 3.0 percent in the number of award options, and close to 12.6 percent in the number of unique technical programs (Table 7-3).

CREDIT CAREER AND TECHNICAL PROGRAMS



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

Table 7-1: New Career and Technical Programs: 2010

College	Program Title	Federal Cluster/State Cluster
North Iowa Area	Pharmacy Technician	Health Science/Health
Northwest Iowa	Construction/Earthmoving/Heavy Equipment Technology	Architecture and Construction/Industrial Technology
Iowa Central	Fire Protection and Safety Technology	Law, Public Safety and Security/Industrial Technology
Iowa Valley	Welding Technician	Manufacturing/Industrial Technology
Hawkeye	Human Resources Management	Business, Management and Administration/Business
Eastern Iowa	Surgical Technology	Health Science/Health
Des Moines Area	Hydraulic and Fluid Power Technology	Manufacturing/Industrial Technology
	Hospitality and Recreation Marketing Operations	Hospitality and Tourism/Family and Consumer Sciences
	Emergency Medical Technology-Paramedic	Health Science/Health
	Health Information Technology	Health Science/Health
Western Iowa Tech	Motorcycle Technology	Transportation/Industrial Technology
Iowa Western	Surgical Technology	Health Science/Health
Southwestern	Accounting Information System Management	Business, Management and Administration/Business
	Welding Technician	Manufacturing/Industrial Technology
Indian Hills	Occupational Therapist Technician/Assistant	Health Science/Health
	Clinical/Medical Laboratory Technology	Health Science/Health
	Clinical/Medical Laboratory Assistant	Health Science/Health
	Cartography Technology	Science, Technology, Engineering and Mathematics/Industrial Technology
	Sustainable Energy Systems Technology	Architecture and Construction/Industrial Technology
Southeastern	Accounting Information System Management	Business, Management and Administration/Business

NOTE: Table represents programs received and approved between 7/1/09 through 7/1/10.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College Program Master.

Table 7-2: Number of offered Career and Technical 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

Table 7-3: Number of offered Career and Technical 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

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 and Workforce Preparation, Community College AS-28 system.

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 2010, 268,933 individuals (unduplicated) participated in non-credit programs and courses. Enrollment decreased by 3.9 percent in fiscal year 2010, the second year of decline (Figure 8-1), after a 6.6 percent increase from 2007 to 2008. As enrollment decreased, total contact hours declined by 6.5 percent from fiscal year 2009 (Figure 8-2). Over the past five years, non-credit contact hours have decreased an average of 1.7 percent annually.

To ensure consistency in non-credit data reporting, reporting standards were significantly modified in fiscal year 2004, preventing consistent comparisons with prior years.

NON-CREDIT ENROLLMENT

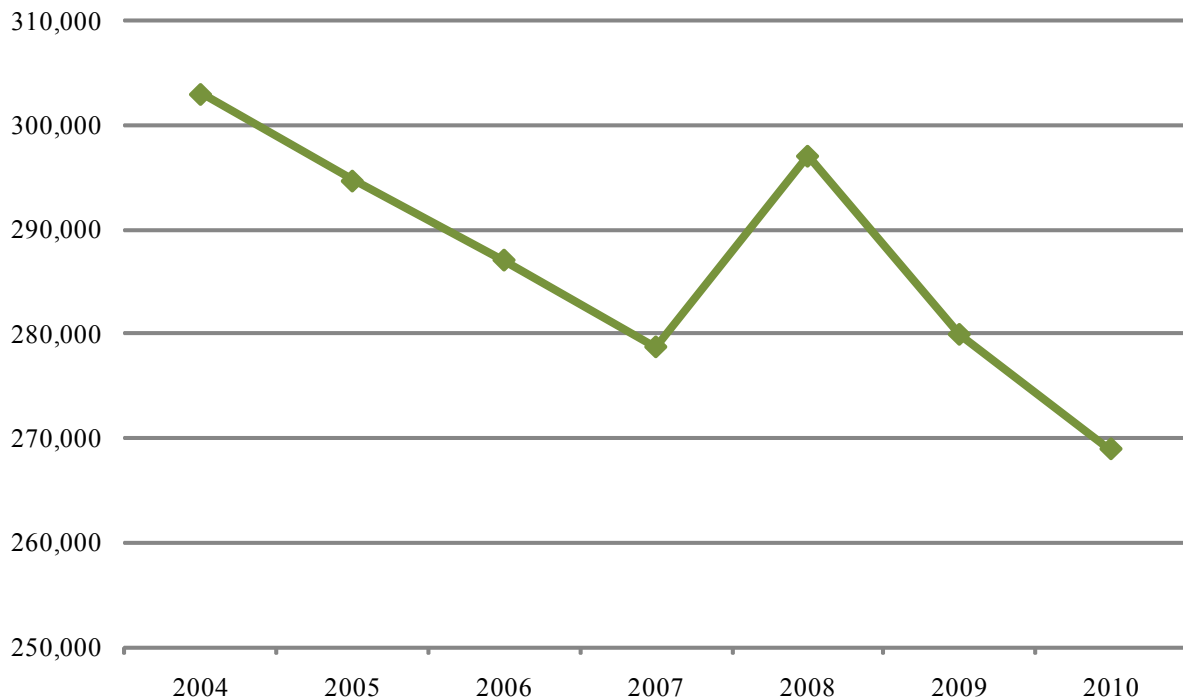
NUMBER OF STUDENTS:	CHANGE SINCE LAST YEAR:
268,933	↓ 3.9%
CONTACT HOURS:	CONTACT HOURS PER STUDENT:
8,199,437	30.0
<small>Down 6.5% since 2009.</small>	<small>Down 4.3 hours since 2009.</small>

Online Non-Credit Courses

In fiscal year 2010, student enrollment in online courses increased for the second year by 34.8 percent from fiscal year 2009. After a decline of 65 percent from 2007 to 2008, non-credit online enrollment has increased steadily between 2008 and 2010, but remains down 12.8 percent from 2007 (Table 8-16).

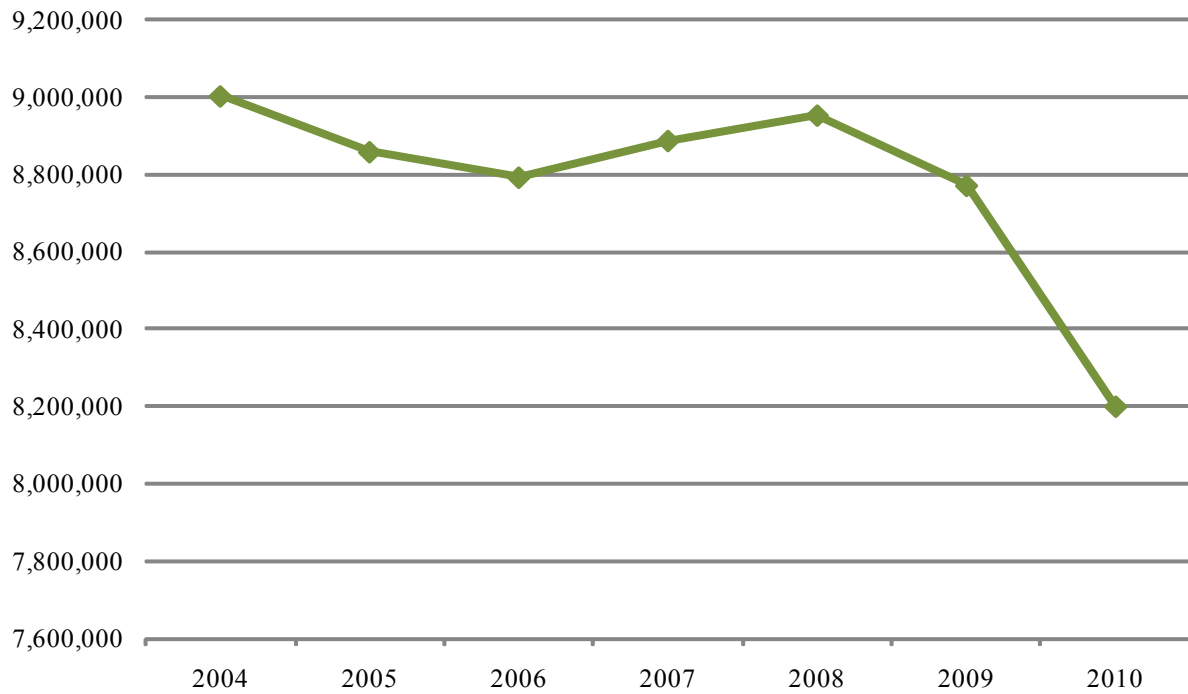
The use of online delivery for non-credit coursework appears to be limited. Only 2.4 percent of non-credit contact hours were delivered online in fiscal year 2010.

Figure 8-1: Fiscal Year Non-Credit Enrollment: 2004-2010



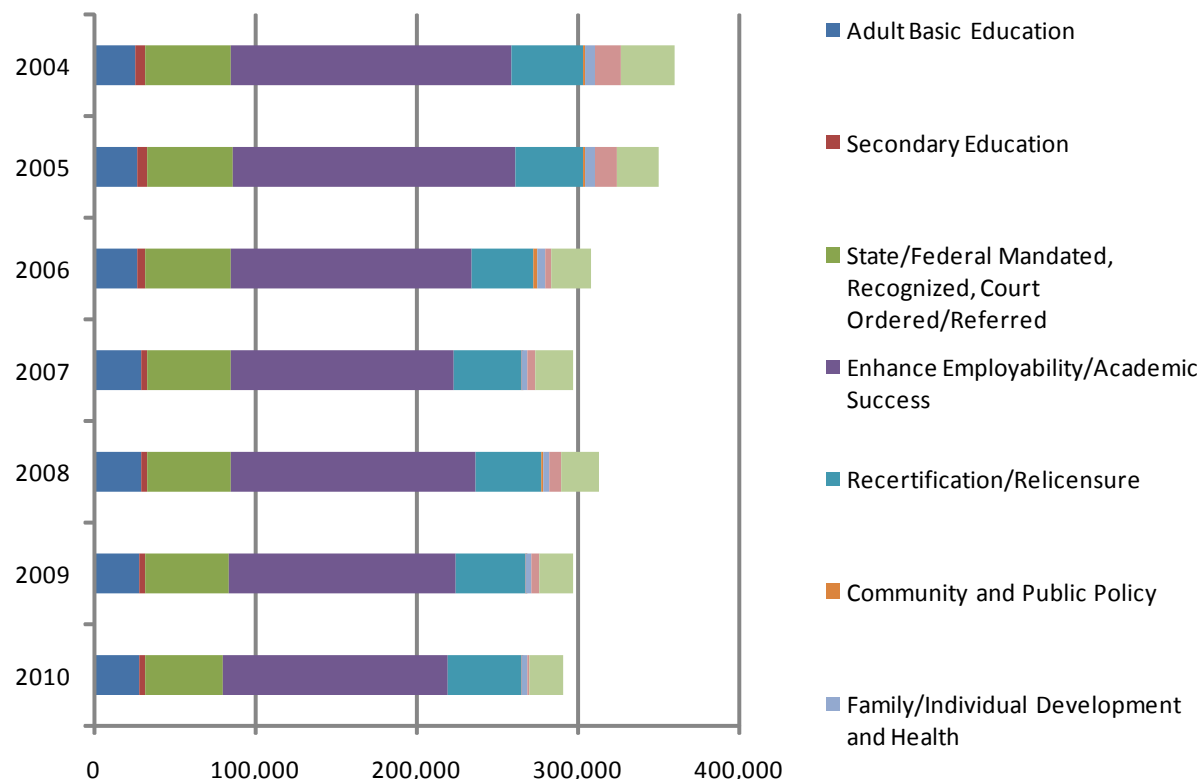
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS. See Table 8-1.

Figure 8-2: Fiscal Year Non-Credit Contact Hours: 2004-2010



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

Figure 8-3: Non-Credit Enrollment by Program Type: 2004-2010



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

Approximately 5.2 percent of individuals enrolled in non-credit coursework enrolled in some coursework delivered entirely online.

Non-Credit Students in Programs

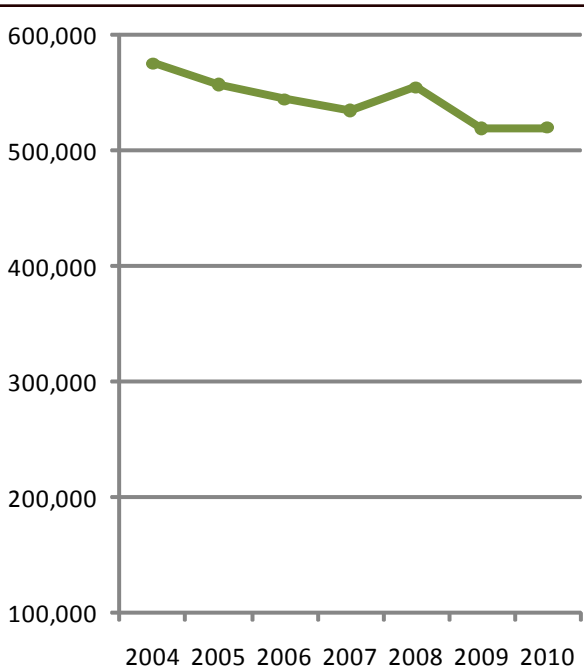
Enrollment in non-credit programs is disaggregated into several program categories (Figure 8-3). The largest of these categories consists of non-credit courses designed to enhance students' employability or academic success. More than 47.9 percent of students were enrolled in non-credit coursework in this category, which includes career/vocational training and upgrading programs, apprenticeship programs, economic development programs, re-certification/re-licensure courses, and corrections education programs. 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 "academic success" category are designed for the advancement of individuals' knowledge in traditional educational studies. Enrollment in courses within the "enhance employability and academic success" categories increased 0.9 annually between fiscal years 2006 and 2008. After an increase of 5.2 percent in fiscal year 2008, enrollment in this category decreased by 4.9 percent in fiscal year 2009 and 1.9 percent in fiscal year 2010. See Section 9, Adult Literacy; Section 10, Economic Development; and Section 11, Apprenticeship for more information.

The second largest category of non-credit enrollment includes programs/courses that are state or federally-mandated, state-recognized, or court ordered/referred. Approximately 16 percent of non-credit students enrolled in programs within this category. This category includes the Iowa Course for Drinking Drivers, driver improvement courses, community rehabilitation programs, used auto dealer training, mine safety and health courses, and various vehicle operator training courses. Enrollment in courses within this category has been steady, demonstrating only a slight decrease over the past five years.

The Iowa Course for Drinking Drivers is the state-mandated 12-hour instructional course for individuals 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 3.1 percent in fiscal year 2010 (Figure 8-5). Over the past five years, enrollment in these courses has decreased an average of 1.5 percent annually.

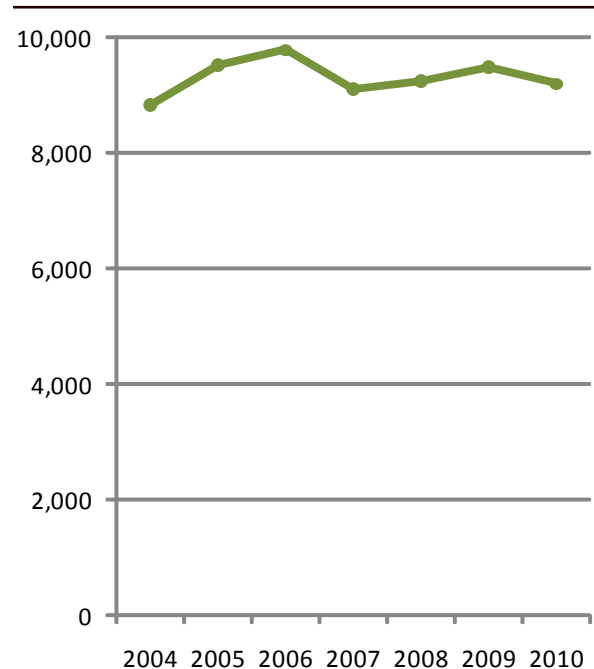
The Iowa Course for Driver Improvement (DIP) is the state-mandated course designed for persons who have committed a serious violation of a motor vehicle law in Iowa. Iowa community colleges provide the program with the assistance from the Iowa Department of Transportation. Enrollment in the program decreased an average of 1.5 percent annually from fiscal year 2006

Figure 8-4: Non-Credit Courses Delivered: 2004-2010



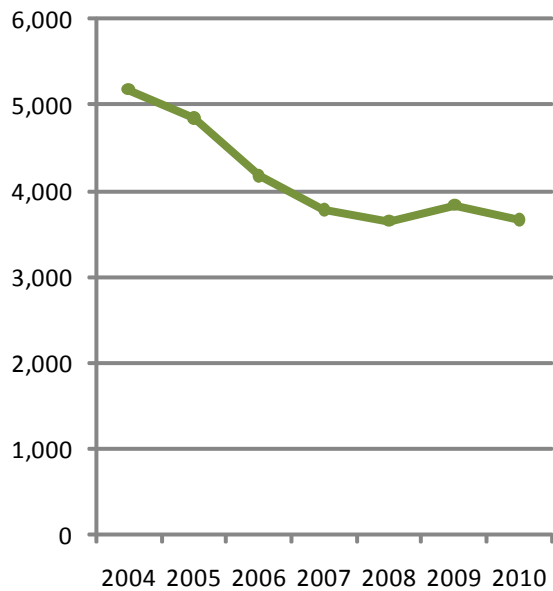
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation Community College MIS. See Table 8-4.

Figure 8-5: Iowa Drinking Driver Course Enrollment: 2004-2010



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

Figure 8-6: Iowa Driver Improvement Program Enrollment: 2004-2010



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

to fiscal year 2010 after increasing 2.6 percent in fiscal year 2009 and 1.4 percent in fiscal year 2008 (Figure 8-6).

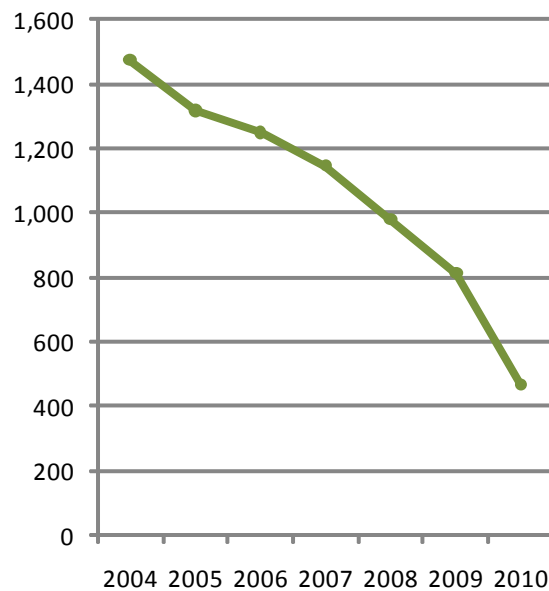
Iowa community colleges also deliver education programs for people in community rehabilitation centers (sheltered workshops). Enrollment in these programs has decreased sharply over the past five years—down an average of 21.7 percent annually (Figure 8-7).

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 26.4 percent annually from fiscal year 2006 to fiscal year 2010 (Figure 8-8). Total contact hours decreased by 70.3 percent from fiscal year 2009 to fiscal year 2010.

Non-Credit Corrections Enrollment

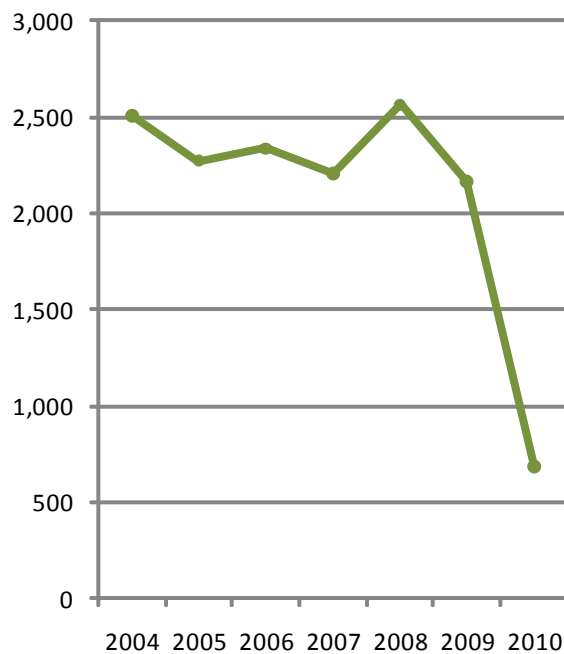
Iowa community colleges deliver credit and noncredit coursework to residents of correctional institutions to enhance the life skills and academic and/or employability success of criminal offenders. In fiscal year 2010, 3,126 residents of correctional institutions were enrolled in noncredit coursework. Enrollment decreased 0.4 percent over fiscal year 2009 and has declined over the past three years—down an average of 2.8 percent from fiscal year 2006.

Figure 8-7: Community Rehabilitation Program (Sheltered Workshops) Enrollment: 2004-2010



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

Figure 8-8: Mine Safety and Health Administration (MSHA) Program Enrollment: 2004-2010



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

Table 8-1: Non-Credit Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	21,399	22,340	21,429	22,754	21,587	0.2%
North Iowa Area	20,121	20,047	19,941	20,004	17,605	-3.3%
Iowa Lakes	4,968	4,395	5,073	4,774	4,120	-4.6%
Northwest	13,455	12,690	14,008	13,017	12,664	-1.5%
Iowa Central	19,207	19,722	25,787	20,343	22,155	3.6%
Iowa Valley	17,403	13,002	13,057	11,983	11,732	-9.4%
Hawkeye	16,431	15,149	14,639	14,357	10,329	-11.0%
Eastern Iowa	30,641	31,320	33,889	33,673	30,609	-0.0%
Kirkwood	40,286	39,007	43,507	36,599	37,057	-2.1%
Des Moines Area	32,029	32,883	32,394	31,184	29,087	-2.4%
Western Iowa Tech	16,917	15,435	17,007	17,314	16,634	-0.4%
Iowa Western	21,429	20,598	25,085	23,295	22,824	1.6%
Southwestern	8,778	8,937	9,641	8,401	10,053	3.4%
Indian Hills	16,192	15,733	14,378	15,625	16,128	-0.1%
Southeastern	7,817	7,478	7,220	6,614	6,349	-5.1%
Total	287,073	278,736	297,055	279,937	268,933	-1.6%

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

Table 8-2: Non-Credit Contact Hours by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	452,779	477,063	418,613	504,099	489,068	1.9%
North Iowa Area	529,301	501,518	479,527	460,561	342,609	-10.3%
Iowa Lakes	103,098	91,019	96,734	99,284	84,539	-4.8%
Northwest	340,572	290,962	261,161	231,612	232,261	-9.1%
Iowa Central	602,203	752,534	754,678	713,998	617,309	0.6%
Iowa Valley	502,623	422,006	394,873	366,010	314,280	-11.1%
Hawkeye	440,947	401,816	385,815	359,783	254,657	-12.8%
Eastern Iowa	1,050,864	1,041,366	1,105,741	1,150,884	1,102,581	1.2%
Kirkwood	1,366,373	1,283,473	1,398,648	1,499,798	1,367,581	0.0%
Des Moines Area	1,564,776	1,832,972	1,757,579	1,494,319	1,503,359	-1.0%
Western Iowa Tech	388,028	377,072	414,566	446,156	494,761	6.3%
Iowa Western	544,083	516,127	557,271	560,791	545,445	0.1%
Southwestern	211,212	207,822	222,535	224,234	214,610	0.4%
Indian Hills	377,074	332,662	304,986	304,962	292,450	-6.2%
Southeastern	319,372	360,142	401,641	355,793	343,929	1.9%
Total	8,793,304	8,888,555	8,954,371	8,772,285	8,199,437	-1.7%

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

Table 8-3: Non-Credit Courses Delivered by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	34,480	34,836	32,177	34,762	32,841	-1.2%
North Iowa Area	72,464	74,792	79,402	71,837	92,722	6.4%
Iowa Lakes	7,725	6,903	7,293	6,755	5,525	-8.0%
Northwest	27,807	25,617	25,845	25,310	23,114	-4.5%
Iowa Central	31,940	33,425	42,798	37,227	34,437	1.9%
Iowa Valley	31,590	25,255	25,216	22,820	22,440	-8.2%
Hawkeye	30,575	28,455	28,355	26,750	16,725	-14.0%
Eastern Iowa	52,140	56,355	59,419	53,977	56,378	2.0%
Kirkwood	69,543	64,042	70,113	58,364	55,606	-5.4%
Des Moines Area	49,307	56,753	53,411	47,803	45,485	-2.0%
Western Iowa Tech	32,572	28,100	30,009	33,409	36,388	2.8%
Iowa Western	38,881	36,124	40,947	40,455	38,200	-0.4%
Southwestern	21,732	22,936	21,935	20,671	20,446	-1.5%
Indian Hills	30,146	29,089	25,631	27,967	28,747	-1.2%
Southeastern	13,725	12,368	12,481	11,478	11,039	-5.3%
Total	544,627	535,050	555,032	519,585	520,093	-1.1%

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

Table 8-4: Non-Credit Enrollment by Program Type: 2006-2010

Program Type	2006	2007	2008	2009	2010	Average Change 2006-2010
Adult Basic Education	27,153	29,018	29,931	28,827	29,238	1.9%
Secondary Education*	5,171	4,358	3,884	3,762	3,336	-10.4%
State/Federal Mandated, Recognized, Court Ordered/Referred	52,321	51,099	51,340	51,425	47,726	-2.3%
Enhance Employability/Academic Success	149,711	139,160	151,091	141,576	139,743	-1.7%
Recertification/Relicensure	38,565	40,957	41,452	42,506	46,017	4.5%
Community and Public Policy	1,577	912	1,158	755	623	-20.7%
Family/Individual Development and Health	5,304	3,394	3,906	3,591	3,408	-10.5%
Adult Learning	3,946	4,312	7,227	4,118	1,051	-28.2%
Leisure/Recreational	24,645	23,917	22,856	21,012	20,719	-4.2%
Total	308,393	297,127	312,845	297,572	291,861	-1.4%

Note: Each bar "I" denotes 2,500 contact hours. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 8-5: Non-Credit Enrollment by Program Type by College: 2006

College	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/ Referred		Enhance Employment/Academic Success	Relicensure	Community and Public Policy	Family/Individual Development and Health		Adult Learning	Leisure/Recreational	Total
			Adult Basic Education	Secondary Education				Family/Individual Development and Health	Adult Learning			
Northeast Iowa	1,120	205	4,573	15,424	0	0	194	593	1,256	23,365		
North Iowa Area	1,904	22	2,331	13,089	5,868	0	1,404	489	1,533	26,640		
Iowa Lakes	340	66	1,211	2,292	1,260	0	254	61	125	5,609		
Northwest	1,067	153	1,982	10,336	1,151	0	175	3	1,546	16,413		
Iowa Central	1,724	127	2,787	14,330	0	60	345	265	274	19,912		
Iowa Valley	1,505	312	1,832	9,678	1,517	794	644	354	2,739	19,375		
Hawkeye	1,390	298	3,601	9,120	0	21	1	404	734	15,569		
Eastern Iowa	3,082	458	5,052	15,898	1,676	233	804	102	3,626	30,931		
Kirkwood	2,823	1,875	7,648	14,858	3,471	0	0	760	7,226	38,661		
Des Moines Area	4,492	1,633	9,513	10,477	3,842	0	457	15	280	30,709		
Western Iowa Tech	1,219	0	2,384	9,594	4,248	0	245	0	1,257	18,947		
Iowa Western	2,177	0	3,416	7,711	8,533	168	192	561	1,784	24,542		
Southwestern	513	0	1,371	4,813	2,377	137	98	133	785	10,227		
Indian Hills	2,056	22	2,909	8,981	4,021	164	152	202	883	19,390		
Southeastern	1,741	0	1,711	3,110	601	0	69	4	597	7,833		
Total	27,153	5,171	52,321	149,711	38,565	1,577	5,034	3,946	24,645	308,123		
% of Total	8.8%	1.7%	17.0%	48.6%	12.5%	0.5%	1.6%	1.3%	8.0%	100.0%		

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

Table 8-6: Non-Credit Enrollment by Program Type by College: 2007

College	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employment/ Academic Success	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 and Workforce Preparation, Community College MIS.

Table 8-7: Non-Credit Enrollment by Program Type by College: 2008

College	Adult Basic Education	Secondary Education	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employment/Academic Success	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, B Division of Community Colleges and Workforce Preparation, Community College MIS.

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

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

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

*Community Rehabilitation-Sheltered Workshop Removed

Table 8-9: Non-Credit Enrollment by Program Type by College: 2010

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

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

*Community Rehabilitation-Sheltered Workshop Removed

Table 8-10: Iowa Course for Drinking Driving Enrollment and Contact Hours (Provided by Community Colleges): 2006-2010

College	2006		2007		2008		2009		2010		Average Change 2006-2010	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	354	5,198	300	4,349	285	4,176	214	3,154	221	3,254	-11.1%	-11.0%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	-	-
Iowa Lakes	246	2,952	274	3,288	283	3,396	289	4,162	280	4,046	3.3%	8.2%
Northwest	176	2,336	144	1,901	149	1,967	76	1,049	100	1,380	-13.2%	-12.3%
Iowa Central	433	6,250	335	4,838	413	5,962	386	5,558	412	5,933	-1.2%	-1.3%
Iowa Valley	211	3,067	193	2,779	209	3,024	171	2,477	155	2,232	-7.4%	-7.6%
Hawkeye	677	13,187	665	12,267	550	10,474	548	10,588	487	9,401	-7.9%	-8.1%
Eastern Iowa	708	9,398	739	9,808	743	9,860	840	11,154	787	10,441	2.7%	2.7%
Kirkwood	2,751	62,514	2,249	51,036	2,221	49,808	2,256	44,796	2,268	44,996	-4.7%	-7.9%
Des Moines Area	2,786	80,371	2,703	80,755	2,899	85,430	3,237	101,006	3,147	102,931	3.1%	6.4%
Western Iowa Tech	365	5,270	343	4,954	415	5,990	418	6,019	260	3,744	-8.1%	-8.2%
Iowa Western	476	6,854	568	8,208	536	7,733	500	7,200	447	6,437	-1.6%	-1.6%
Southwestern	199	2,866	207	3,010	199	2,866	207	2,995	189	2,736	-1.3%	-1.2%
Indian Hills	272	3,264	287	3,444	271	3,456	269	3,228	371	5,230	8.1%	12.5%
Southeastern	135	1,782	118	1,558	84	1,109	87	1,162	79	1,043	-12.5%	-12.5%
Total	9,789	205,310	9,125	192,193	9,257	195,251	9,498	204,548	9,203	203,804	-1.5%	-0.2%

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

Table 8-11: Iowa Course for Driver Improvement Enrollment and Contact Hours: 2006-2010

College	2006		2007		2008		2009		2010		Average Change 2006-2010	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	211	2,045	202	1,949	197	1,901	176	1,690	211	2,045	0.0%	0.0%
North Iowa Area	91	874	123	1,190	83	797	130	1,248	108	1,037	4.4%	4.4%
Iowa Lakes	76	608	43	344	63	504	42	403	53	509	-8.6%	-4.4%
Northwest	103	906	93	818	75	660	88	774	84	739	-5.0%	-5.0%
Iowa Central	164	1,574	136	1,306	123	1,181	113	1,085	99	950	-11.9%	-11.9%
Iowa Valley	123	1,181	109	1,046	93	893	135	1,296	127	1,219	0.8%	0.8%
Hawkeye	309	2,728	267	2,327	244	2,075	221	1,856	235	1,974	-6.6%	-7.8%
Eastern Iowa	429	3,784	431	3,793	406	3,573	436	3,846	428	3,775	-0.1%	-0.1%
Kirkwood	669	5,905	556	4,893	486	4,277	490	4,287	494	4,298	-7.3%	-7.6%
Des Moines Area	1,117	11,491	1,098	11,654	1,128	12,490	1,218	13,114	1,107	12,010	-0.2%	1.1%
Western Iowa Tech	261	2,525	184	1,776	205	1,968	188	1,834	210	2,016	-5.3%	-5.5%
Iowa Western	203	1,949	142	1,373	131	1,258	149	1,440	132	1,267	-10.2%	-10.2%
Southwestern	119	1,142	99	950	94	902	103	998	65	624	-14.0%	-14.0%
Indian Hills	157	1,256	160	1,288	169	1,368	196	1,576	175	1,654	2.8%	7.1%
Southeastern	150	1,320	146	1,285	154	1,355	154	1,364	140	1,232	-1.7%	-1.7%
Total	4,182	39,288	3,789	35,992	3,651	35,200	3,839	36,810	3,668	35,349	-3.2%	-2.6%

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

Table 8-12: Community Rehabilitation Program (Sheltered Workshop) Enrollment and Contact Hours: 2006-2010

College	2006		2007		2008		2009		2010		Average Change 2006-2010	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	84	19,080	87	18,360	55	12,660	0	0	0	0	0	0
North Iowa Area	293	72,000	291	72,480	261	61,380	199	51,240	19	4,200	-49.5%	-50.9%
Iowa Lakes	77	17,400	66	15,540	65	14,940	58	13,320	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0	0
Iowa Central	68	16,488	62	15,624	61	12,600	33	8,640	31	8,352	-17.8%	-15.6%
Iowa Valley	67	16,992	63	15,840	61	16,200	64	16,848	62	13,980	-1.9%	-4.8%
Hawkeye	157	11,762	153	3,430	32	1,628	33	1,566	36	1,924	-30.8%	-36.4%
Eastern Iowa	110	19,860	53	5,640	94	17,400	104	22,380	113	22,260	0.7%	2.9%
Kirkwood	1	60	0	0	0	0	0	0	0	0	0	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	0	0
Iowa Western	167	32,880	159	30,624	155	29,075	142	27,540	92	16,980	-13.8%	-15.2%
Southwestern	69	13,980	59	12,240	59	12,000	66	13,980	71	13,800	0.7%	-0.3%
Indian Hills	155	28,860	154	28,320	137	22,530	114	24,180	44	5,760	-27.0%	-33.2%
Southeastern	0	0	0	0	0	0	0	0	0	0	0	0
Total	1,248	249,362	1,147	218,098	980	200,413	813	179,694	468	87,256	-21.7%	-23.1%

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

Table 8-13: Mine Safety and Health Administration (MSHA) Enrollment and Contact Hours: 2006-2010

College	2006		2007		2008		2009		2010		Average Change 2006-2010	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
	Northeast Iowa	757	6,557	585	5,626	962	9,245	794	7,661	126	1,210	-36.1%
North Iowa Area	86	826	272	2,842	260	2,602	215	2,093	14	134	-36.5%	-36.5%
Iowa Lakes	74	592	59	472	32	256	0	0	15	144	-32.9%	-29.8%
Northwest	69	635	90	828	85	782	20	184	58	570	-4.2%	-2.7%
Iowa Central	213	2,261	224	2,458	224	2,393	197	2,478	19	182	-45.3%	-46.7%
Iowa Valley	68	640	247	2,260	138	1,303	74	998	41	344	-11.9%	-14.3%
Hawkeye	0	0	0	0	0	0	0	0	197	1,500	-	-
Eastern Iowa	326	4,180	54	651	306	4,057	132	1,593	159	1,927	-16.4%	-17.6%
Kirkwood	50	435	85	740	0	0	177	2,105	0	0	-	-
Des Moines Area	410	4,200	404	4,152	308	3,168	356	3,528	22	230	-51.9%	-51.6%
Western Iowa Tech	96	922	54	518	44	422	59	496	0	0	-	-
Iowa Western	0	0	0	0	0	0	0	0	4	38	-	-
Southwestern	0	0	0	0	7	67	0	0	0	0	-	-
Indian Hills	133	1,256	89	712	132	983	116	1,110	8	173	-50.5%	-39.1%
Southeastern	54	598	44	387	66	581	22	194	24	211	-18.4%	-22.9%
Total	2,336	23,101	2,207	21,645	2,564	25,859	2,162	22,440	687	6,665	-26.4%	-26.7%

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

Table 8-14: Used Motor Vehicle Dealer Education Program Enrollment and Contact Hours: 2009-2010

College	2009		2010		Average Change 2009-2010	
	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	177	1,174	0	0	-	-
North Iowa Area	96	608	14	84	14.6%	13.8%
Iowa Lakes	59	337	0	0	-	-
Northwest	51	303	48	278	94.1%	92.0%
Iowa Central	64	402	0	0	-	-
Iowa Valley	84	580	4	24	4.8%	4.1%
Hawkeye	33	175	13	78	39.4%	44.6%
Eastern Iowa	68	407	0	0	-	-
Kirkwood	145	859	19	142	13.1%	16.6%
Des Moines Area	0	0	326	2,693	-	-
Western Iowa Tech	84	533	7	42	8.3%	7.9%
Iowa Western	72	547	31	186	43.1%	34.0%
Southwestern	55	373	0	0	-	-
Indian Hills	111	603	22	132	19.8%	21.9%
Southeastern	86	503	38	503	44.2%	100.0%
Total	1,185	7,403	522	4,162	44.1%	56.2%

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

Table 8-15: Corrections Non-Credit Enrollment, Contact Hours, and Courses Delivered by College: 2006-2010

College	*2006			*2007			*2008			*2009			*2010		
	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	17	1,740	29	--	--	--	0	0	0	0	0	0	0	0	0
North Iowa Area	17	1,620	27	35	2,100	35	21	1,860	31	17	1,860	31	20	2,040	34
Iowa Lakes	--	--	--	--	--	--	--	--	--	0	0	0	--	--	--
Northwest	--	--	--	--	--	--	31	3,720	31	53	4,440	74	86	7,920	132
Iowa Central	733	87,503	1,242	1,355	85,250	1,355	824	97,489	1,373	756	100,565	1,338	465	58,303	653
Iowa Valley	--	--	--	6	432	6	--	--	--	0	0	0	41	2,640	44
Hawkeye	121	8,569	175	194	9,391	194	124	8,316	188	111	2,495	160	103	1,501	151
Eastern Iowa	--	--	--	254	15,240	254	104	7,080	118	116	7,980	133	102	77,401	129
Kirkwood	727	73,560	1,226	987	59,220	987	622	60,120	1,002	606	68,340	1,139	721	80,700	1,345
Des Moines Area	258	33,629	258	387	25,090	387	457	31,458	668	125	10,110	169	402	17,544	439
Western Iowa Tech	--	--	--	--	--	--	--	--	--	0	0	0	--	--	--
Iowa Western	416	52,440	874	741	44,460	741	332	43,680	728	319	44,800	841	313	42,360	706
Southwestern	--	--	--	--	--	--	--	--	--	0	0	0	--	--	--
Indian Hills	--	--	--	--	--	--	--	--	--	0	0	0	--	--	--
Southeastern	1,218	91,200	2,254	2,172	130,320	2,172	1,215	118,921	2,306	1,009	125,700	2,095	873	110,940	1,849
Total	3,507	350,261	6,085	6,131	371,503	6,131	3,730	372,644	6,445	3,112	366,290	5,980	3,126	401,349	5,482

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

Table 8-16: Online Non-Credit Enrollment and Contact Hours by College: 2007-2010

College	2007		2008		2009		2010		Average Change 2007-2010	
	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	-37.6%	-16.3%
North Iowa Area	3,486	10,945	4,227	12,824	6,459	26,891	9,627	49,577	40.3%	65.5%
Iowa Lakes	0	0	109	3,048	87	2,515	49	1,378	-33.0%	-32.8%
Northwest	15,359	249,701	109	3,977	49	1,426	0	0		
Iowa Central	0	0	473	5,258	384	3,696	527	3,890	5.6%	-14.0%
Iowa Valley	0	0	0	0	193	7,760	155	6,202	2.0%	79.9%
Hawkeye	57	2,746	54	2,916	43	1,518	49	1,779	-4.9%	-13.5%
Eastern Iowa	625	26,005	745	33,692	658	35,013	853	35,899	10.9%	11.3%
Kirkwood	448	15,298	624	16,280	987	36,349	627	37,167	11.9%	34.4%
Des Moines Area	6	72	0	0	0	0	588	19,530	361.0%	547.3%
Western Iowa Tech	290	1,927	254	2,369	336	1,612	320	1,515	3.3%	-7.7%
Iowa Western	0	0	516	16,500	716	14,324	752	17,567	20.7%	3.2%
Southwestern	19	1,238	0	0	24	2,216	15	1,800	-7.6%	13.3%
Indian Hills	0	0	0	0	139	2,256	79	2,451	3.5%	108.6%
Southeastern	135	12,920	165	17,688	187	10,035	160	7,171	5.8%	-17.8%
Total	21,038	336,042	7,337	118,559	10,348	150,037	13,950	194,834	-12.8%	-16.6%

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

9

ADULT LITERACY ENROLLMENT AND PROGRAMS

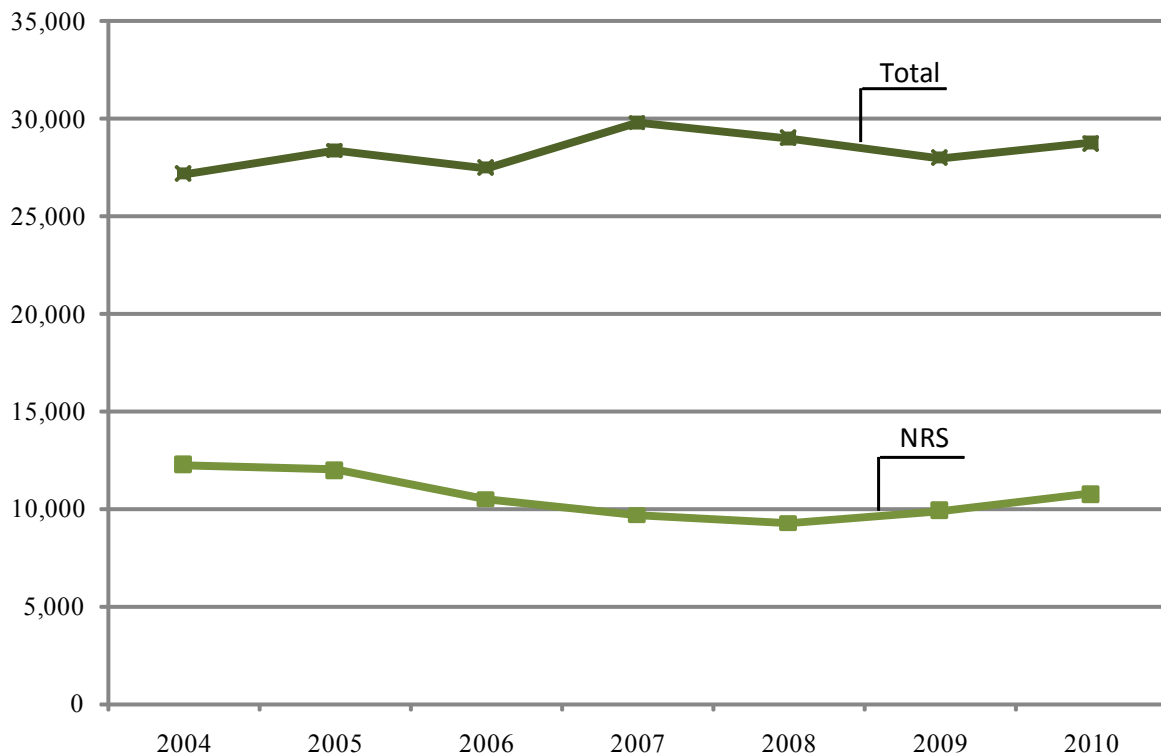
Iowa's adult literacy programs are delivered through the state's 15 community colleges. Through non-credit instruction, adult literacy programs are delivered on a continuum from English as a Second Language (ESL) to earning a high school equivalency diploma (GED). Adult learners develop competence in 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 increased an average of 1.1 percent annually from fiscal year 2006 to 2010 (Figure 9-1). In 2010, 28,760 students were enrolled in adult literacy programs including a subset of students (10,752) that were included in the federal reporting of adult literacy students. Total adult literacy enrollment data collected through the MIS includes all students who attended at

ADULT LITERACY ENROLLMENT	
NUMBER OF STUDENTS:	CHANGE SINCE LAST YEAR:
28,760	↑ 2.3%
STUDENTS REPORTED PER NRS REQUIREMENTS:	CHANGE SINCE LAST YEAR:
10,752	↑ 8.7%

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 part of the overall population is served by adult literacy programs, this subset represents learners achieving outcomes fundamental to academic and vocational success. The NRS is the state administered accountability system for adult education

Figure 9-1: Adult Literacy Program Enrollment: 2004-2010

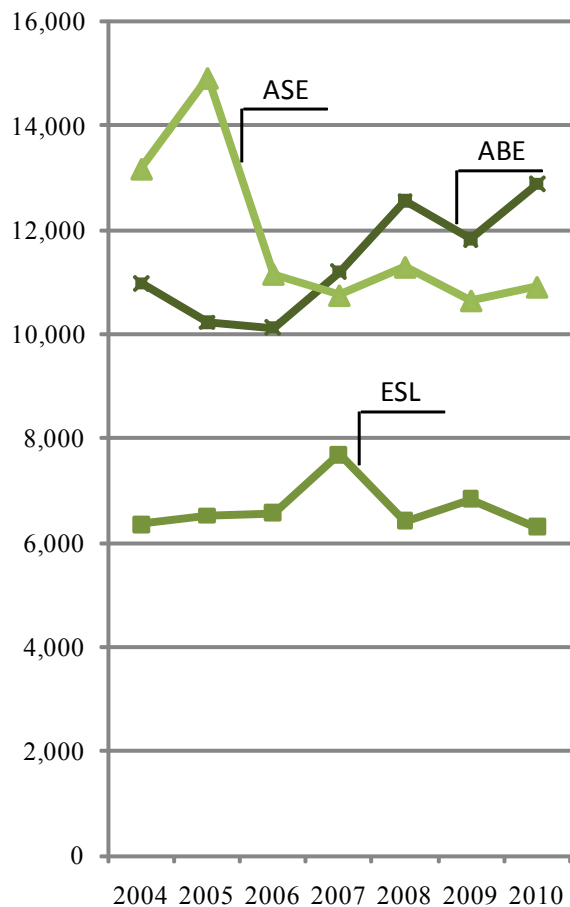


SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation. See Tables 9-1, 9-2.

program, federally funded through Adult Education and Family Literacy Act (AEFLA). The NRS specifies parameters for students to be included in reporting to the U.S. Department of Education is Office of Vocational and Adult Education (OVAE): 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, goal-setting, and outcomes that include earning a GED, entering postsecondary education or training, and obtaining or retaining employment.

The MIS reported enrollment has remained constant from 2006 to 2010, while the NRS reported enrollment has declined annually from 2001-2008. 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 database. Over time, the expectation is that federally-reported data will increase to levels congruent with the enrollment reported to the MIS for state general aid reimbursement. The NRS enrollment increase is due,

Figure 9-2: Adult Literacy Enrollment by Program: 2004-2010



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

ADULT LITERACY PROGRAM ENROLLMENT

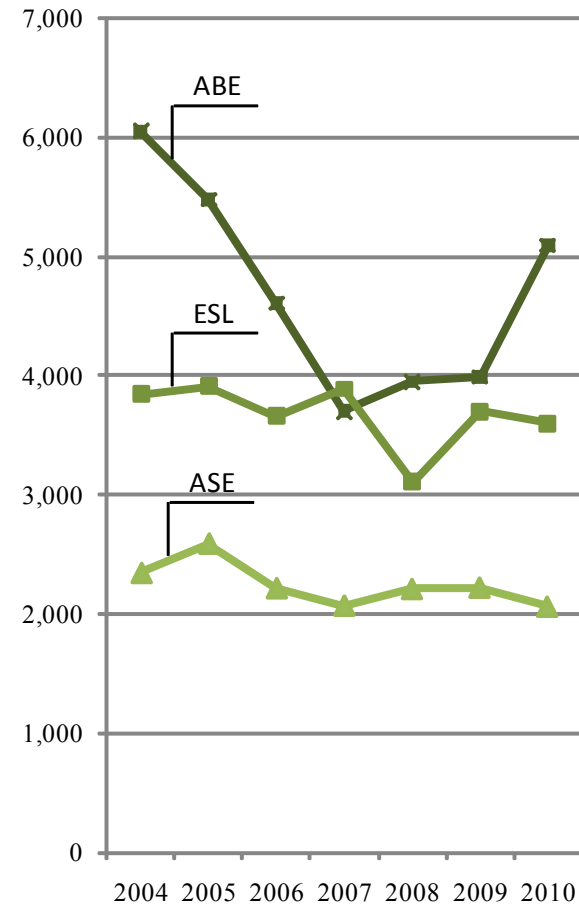


in part, to an emphasis shift to entering all MIS enrollees in the NRS database.

Enrollment in Instructional Programs

Adult literacy instructional programs represent a progression of basic skill attainment. Instructional programs include ESL, Adult Basic Education (ABE)

Figure 9-3: NRS-Reported Adult Literacy Enrollment by Program: 2004-2010



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

skill attainment, and Adult Secondary Education (ASE).

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 one percent annually between 2006 and 2010 (Figure 9-2). NRS reported ESL enrollment decreased 0.4 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 6.2 percent annually since 2006. NRS reported enrollment in ABE programs rose 28 percent from 2009 to 2010, in part because of local program compliance coding according to NRS educational functioning level guidelines. Enrollment in ABE programs went from an average 6.1 percent decline from 2005 to 2009, to an average 2.5 percent increase from 2006-2010. Through ASE instructional programs, students acquire the skills to earn an Iowa High School Equivalency Diploma by passing the General Educational Development (GED) test battery or earn an adult high school diploma issued upon successful completion of courses delivered by community colleges. Enrollment in ASE programs has decreased an average of 0.6 percent annually since 2006, due, in part, to a decrease in adult high school diploma enrollees. GED enrollment has increased an average of 0.2 percent since 2006. The NRS reported ASE program enrollment decreased 1.8 percent from 2006 to 2010.

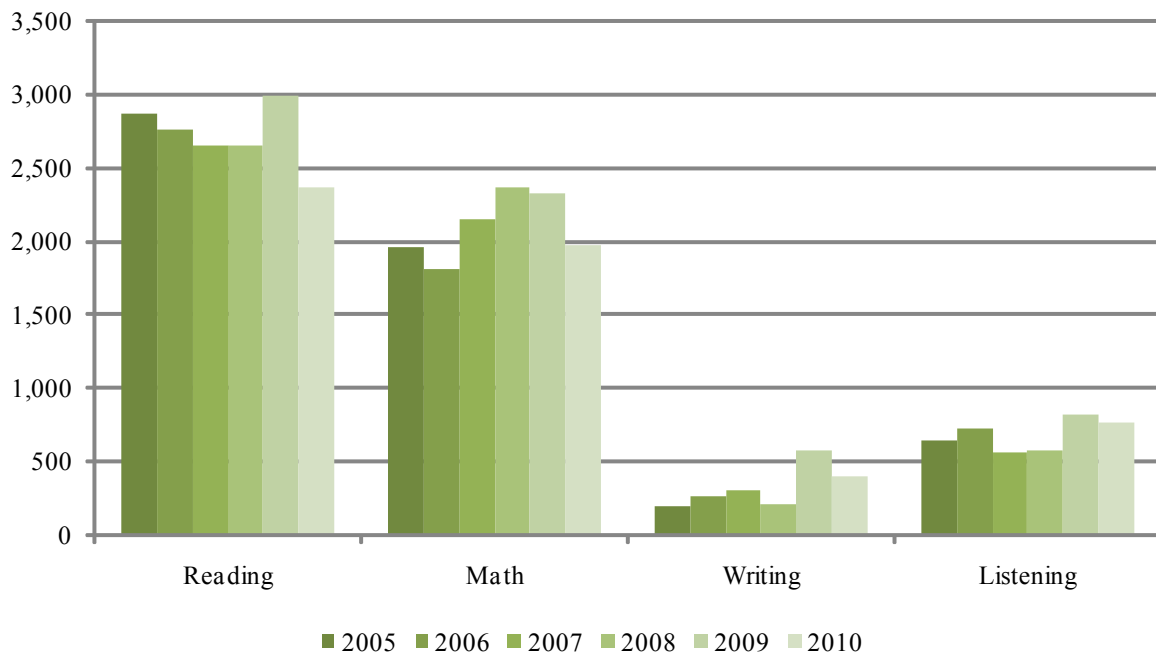
NRS-REPORTED ADULT LITERACY PROGRAM ENROLLMENT

ABE ENROLLMENT	5,095	GROWTH SINCE LAST YEAR	↑ 21.6%
ESL ENROLLMENT	3,599	DECLINE SINCE LAST YEAR	↓ 2.9%
ASE ENROLLMENT	2,061	DECLINE SINCE LAST YEAR	↓ 7.8%

Enrollment in Adult Literacy Credentialing Programs

Iowa's community college adult literacy programs include three credentialing programs providing adults with the opportunities to earn basic skills certifications, the Iowa high school equivalency diplomas (GED) and adult high school diplomas. Prior to program year 2009, traditional high school diplomas were included in the credentialing program. Because these learners are reported as high school graduates via other Iowa Department of Education MIS programs, the traditional high school diploma awards are no longer included in WIA title II (Adult Literacy) reported totals. Adult literacy award data is collected through the Tracking of Students and Programs (TOPSpro) system. In 2010, a total of 9,962 credentials were issued to adult learners as a result of successful completion of adult literacy programs, down 36 percent from 2008. The decrease

Figure 9-4: Basic Skill Certificate Program Awards: 2005-2010



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

GED PROGRAM

TOTAL ENROLLED
9,546

NUMBER OF DIPLOMAS
4,354
Up 12.9% since 2009.

GROWTH SINCE LAST YEAR
↑ 2.0%

AWARD RATE FOR STUDENTS TESTED
54.4%
Down 5.0 percentage points since 2009.

is attributed to the 2009 OVAE reporting changes, the removal of secondary school diplomas and alternative high school enrollees, and a decrease in adult high school diploma enrollees.

The Basic Skills Certification Program awards certificates for successful attainment of basic literacy competencies below the GED level. The program awards a total of 15 basic literacy certificates in the areas of reading, mathematics, writing, and listening at four certification levels based on the Comprehensive Adult Student Assessment System (CASAS). The program was initiated in fiscal year 1998 with reading and mathematics components and later expanded to writing in 2002 and listening in 2004. The listening component provides an opportunity for English literacy adult learners to assess gain in speaking and listening comprehension of the English language.

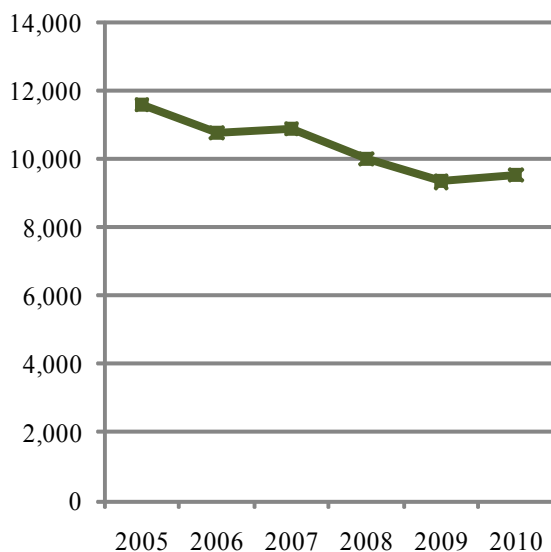
Prior to fiscal year 2009, the Condition of Community Colleges report included basic skill certification totals that included community college reported totals for “cooperating programs.” The additional certificates were not included in the data set provided by the adult

literacy data program TOPSpro and were self-reported by each community college. Programs are now required to enter all cooperating program data into TOPSpro to produce verifiable and replicable results. As a result, the outcomes are based upon two years of reported data. Based on OVAE and NRS requirements to change the data parameters in program year 2010, students with 12-39 hours of instruction were not post-tested and excluded from enrollment of students eligible to earn a basic skill certificate. As a result, total enrollment rose 8.4 percent from 2009 to 2010. However, enrollment of students eligible to earn a basic skill certification declined sharply by 19 percent from 2009 to 2010 (Table 11-9).

The Iowa high school equivalency diploma is awarded to adults who successfully complete the GED test battery. Initiated in 1966, the purpose of the GED program is to provide a second opportunity to individuals who did not complete the requirements for a traditional high school diploma. The number of GEDs awarded increased by four percent from 2008 to 2010. According to the MIS, 9,546 students were enrolled in GED programs in fiscal year 2010 (Figure 9-5).

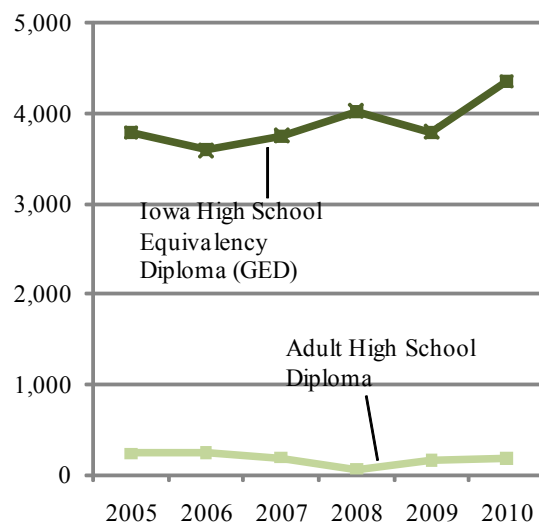
Adult high school diplomas are awarded to adults who successfully complete a prescribed program of instruction at a community college. The diploma is issued by the college. The program, initiated in 1966, is viewed as an alternative to the GED. The number of adult high school diplomas awarded has increased an average of 68.4 percent from 2008 to 2010 (Figure 9-6).

Figure 9-5: GED Program Enrollment (MIS): 2005-2010



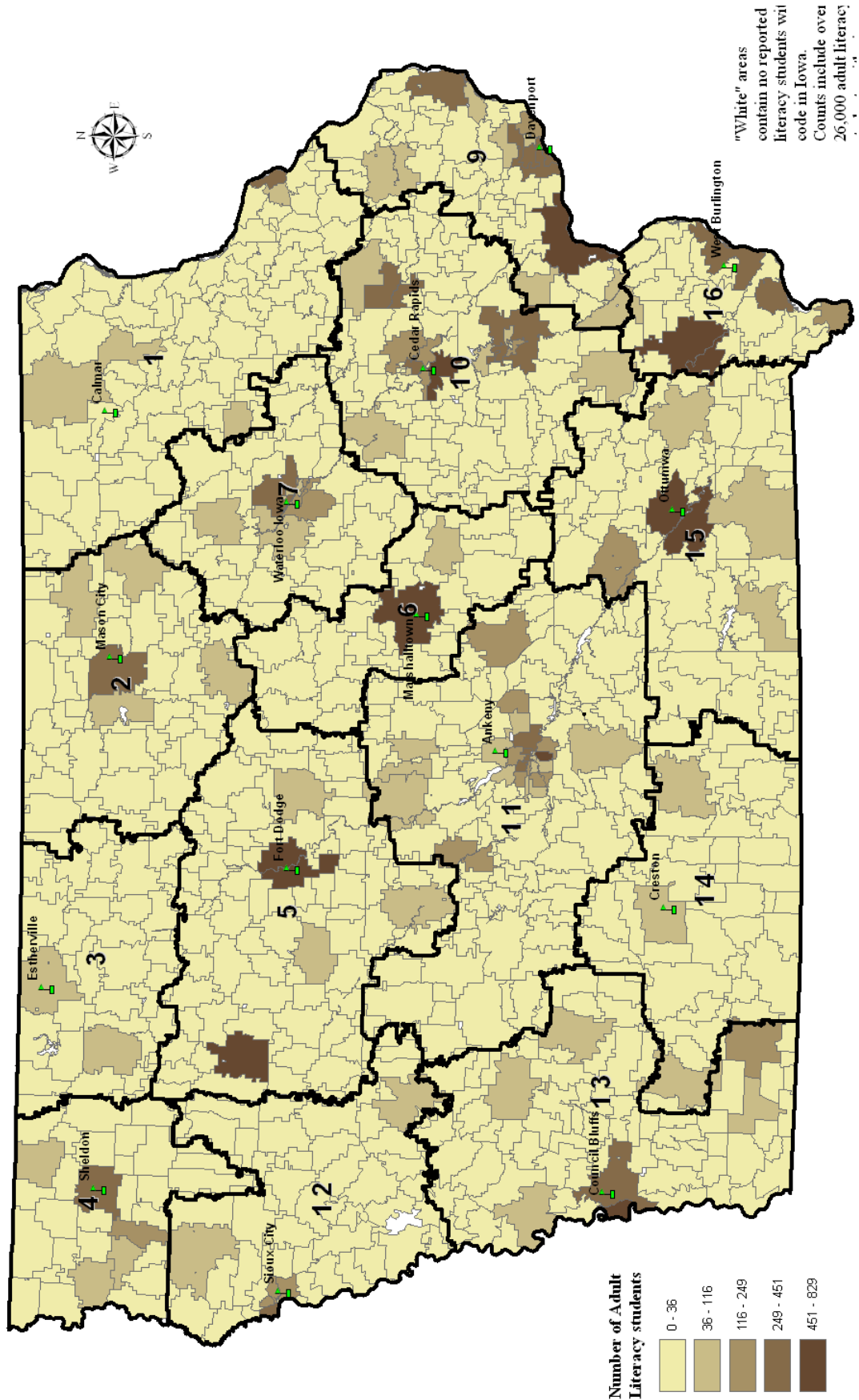
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation. See Table 9-11.

Figure 9-6: Adult Literacy Diplomas Awarded: 2005-2010



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

Figure 9-7: MIS-Reported Adult Literacy Program Enrollment by Zip Code Area: 2010



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

Table 9-1: Adult Literacy Program Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	1,053	936	770	1,267	927	-3.1%
North Iowa Area	1,232	1,319	1,050	1,077	1,109	-2.6%
Iowa Lakes	263	256	322	352	308	4.0%
Northwest	1,067	1,055	906	917	1,062	-0.1%
Iowa Central	1,703	2,066	2,104	2,167	1,859	2.2%
Iowa Valley	1,438	1,349	1,034	1,047	1,118	-6.1%
Hawkeye	2,179	2,077	1,067	1,039	992	-17.9%
Eastern Iowa	2,972	2,847	2,892	3,297	3,334	2.9%
Kirkwood	2,822	2,950	3,760	4,291	4,107	9.8%
Des Moines Area	5,523	7,284	7,536	5,177	6,790	5.3%
Western Iowa Tech	1,219	1,303	1,454	1,505	1,454	4.5%
Iowa Western	2,010	2,035	1,962	1,748	1,742	-3.5%
Southwestern	444	381	378	450	491	2.5%
Indian Hills	1,901	1,777	1,476	1,527	1,424	-7.0%
Southeastern	1,662	2,162	2,296	2,153	2,043	5.3%
Total	27,488	29,797	29,007	28,014	28,760	1.1%

Note: Each bar “|” denotes 250 enrollees. Numbers do not include Community Rehabilitation Sheltered Workshops.

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

Table 9-2: NRS-Reported Adult Literacy Program Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010*	Average Change 2006-2010
Northeast Iowa	415	367	310	430	341	-4.8%
North Iowa Area	294	296	264	291	298	0.3%
Iowa Lakes	104	103	107	86	117	3.0%
Northwest	201	183	163	158	182	-2.5%
Iowa Central	533	502	486	558	600	3.0%
Iowa Valley	881	702	514	636	664	-6.8%
Hawkeye	743	768	672	671	647	-3.4%
Eastern Iowa	1,406	1,060	1,207	947	1,172	-4.4%
Kirkwood	979	930	821	962	935	-1.1%
Des Moines Area	1,903	2,169	2,267	2,625	2,768	9.8%
Western Iowa Tech	801	708	628	858	867	2.0%
Iowa Western	607	529	362	322	520	-3.8%
Southwestern	201	196	184	192	177	-3.1%
Indian Hills	888	816	869	812	720	-5.1%
Southeastern	535	335	417	370	744	8.6%
Total	10,491	9,664	9,271	9,918	10,752	0.6%

Note: Each bar "I" denotes 100 enrollees. * Includes all enrollees with 12 hours of instruction and a pre test.

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

Table 9-3: ABE Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	589	507	490	847	556	-1.4%
North Iowa Area	803	809	660	631	714	-2.9%
Iowa Lakes	26	25	43	14	0	
Northwest	801	779	720	672	735	-2.1%
Iowa Central	416	502	477	503	326	-5.9%
Iowa Valley	99	84	74	41	40	-20.3%
Hawkeye	911	811	168	167	161	-35.2%
Eastern Iowa	1,972	1,871	1,837	2,260	2,410	5.1%
Kirkwood	736	671	1,808	2,045	1,989	28.2%
Des Moines Area	1,881	2,614	3,865	2,156	3,440	16.3%
Western Iowa Tech	87	22	28	20	0	
Iowa Western	242	467	477	720	716	31.2%
Southwestern	226	260	296	275	380	13.9%
Indian Hills	942	877	746	699	657	-8.6%
Southeastern	400	904	879	777	760	17.4%
Total	10,131	11,203	12,568	11,827	12,884	6.2%

Note: Each bar "1" denotes 100 enrollees.

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

Table 9-4: NRS-Reported ABE Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	209	190	174	252	193	-2.0%
North Iowa Area	192	175	154	173	206	1.8%
Iowa Lakes	61	35	52	30	63	0.8%
Northwest	74	56	61	36	54	-7.6%
Iowa Central	100	126	121	175	237	24.1%
Iowa Valley	305	251	215	221	252	-4.7%
Hawkeye	373	340	309	346	345	-1.9%
Eastern Iowa	852	562	668	519	683	-5.4%
Kirkwood	379	359	309	308	358	-1.4%
Des Moines Area	648	446	825	824	1,021	12.0%
Western Iowa Tech	227	168	136	205	245	1.9%
Iowa Western	354	279	165	179	341	-0.9%
Southwestern	88	101	95	78	84	-1.2%
Indian Hills	437	416	428	423	422	-0.9%
Southeastern	311	198	239	224	591	17.4%
Total	4,610	3,702	3,951	3,993	5,095	2.5%

Note: Each bar "|" denotes 50 enrollees.

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

Table 9-5: ESL Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	235	249	117	190	170	-7.8%
North Iowa Area	95	170	67	111	62	-10.1%
Iowa Lakes	75	65	71	78	49	-10.1%
Northwest	174	188	111	118	106	-11.7%
Iowa Central	491	580	617	592	597	5.0%
Iowa Valley	668	706	434	513	489	-7.5%
Hawkeye	273	273	248	223	214	-5.9%
Eastern Iowa	584	534	520	559	486	-4.5%
Kirkwood	605	758	664	794	590	-0.6%
Des Moines Area	1,934	2,721	2,159	2,303	2,327	4.7%
Western Iowa Tech	537	642	666	619	631	4.1%
Iowa Western	299	265	268	195	163	-14.1%
Southwestern	105	77	71	102	103	-0.5%
Indian Hills	413	402	338	330	266	-10.4%
Southeastern	85	67	73	109	58	-9.1%
Total	6,573	7,697	6,424	6,836	6,311	-1.0%

Note: Each bar "I" denotes 100 enrollees.

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

Table 9-6: NRS-Reported ESL Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	93	83	47	88	101	2.1%
North Iowa Area	49	51	43	53	30	-11.5%
Iowa Lakes	25	29	27	28	23	-2.1%
Northwest	96	110	70	99	112	3.9%
Iowa Central	353	290	274	285	263	-7.1%
Iowa Valley	452	402	245	357	336	-7.1%
Hawkeye	205	234	201	189	182	-2.9%
Eastern Iowa	280	214	202	155	244	-3.4%
Kirkwood	267	289	233	338	238	-2.8%
Des Moines Area	1,049	1,461	1,030	1,292	1,300	5.5%
Western Iowa Tech	431	389	355	505	494	3.5%
Iowa Western	73	93	84	72	88	4.8%
Southwestern	37	30	32	39	38	0.7%
Indian Hills	215	200	238	176	128	-12.2%
Southeastern	39	17	29	27	22	-13.3%
Total	3,664	3,892	3,110	3,703	3,599	-0.4%

Note: Each bar "I" denotes 50 enrollees.

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

Table 9-7: ASE Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	212	180	163	230	201	-1.3%
North Iowa Area	356	368	346	355	351	-0.4%
Iowa Lakes	162	166	208	260	259	12.4%
Northwest	100	89	75	127	191	17.6%
Iowa Central	860	1,046	1,063	1,095	963	2.9%
Iowa Valley	742	617	560	493	589	-5.6%
Hawkeye	736	703	653	649	617	-4.3%
Eastern Iowa	416	442	535	478	448	1.9%
Kirkwood	1,962	1,852	1,580	1,812	1,903	-0.8%
Des Moines Area	1,697	1,947	2,395	1,622	1,976	3.9%
Western Iowa Tech	595	639	760	866	823	8.4%
Iowa Western	1,469	976	1,217	833	863	-12.5%
Southwestern	113	44	11	73	8	-48.4%
Indian Hills	568	499	392	498	501	-3.1%
Southeastern	1,177	1,191	1,344	1,267	1,226	1.0%
Total	11,165	10,759	11,302	10,658	10,919	-0.6%

Note: Each bar "I" denotes 100 enrollees. Includes GED and Adult High School Diploma Enrollees at the ASE Level.

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

Table 9-8: NRS-Reported ASE Enrollment by College: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	113	94	89	90	47	-19.7%
North Iowa Area	53	70	67	65	62	4.0%
Iowa Lakes	18	39	28	28	31	14.6%
Northwest	31	17	32	23	16	-15.2%
Iowa Central	80	86	91	98	100	5.7%
Iowa Valley	124	49	54	58	76	-11.5%
Hawkeye	165	194	162	136	120	-7.7%
Eastern Iowa	274	284	337	273	245	-2.8%
Kirkwood	333	282	279	316	339	0.4%
Des Moines Area	206	262	412	509	447	21.4%
Western Iowa Tech	143	151	137	148	128	-2.7%
Iowa Western	180	157	113	71	91	-15.7%
Southwestern	76	65	57	75	55	-7.8%
Indian Hills	236	200	203	213	173	-7.5%
Southeastern	185	120	149	119	131	-8.3%
Total	2,217	2,070	2,210	2,222	2,061	-1.8%

Note: Each bar "I" denotes 50 enrollees.

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

Table 9-9: Adult Literacy Credentials Awarded, By College: 2009-2010

College	*Basic Literacy Skill Certificates			**High School Equivalency Diplomas (GED)			***Community College Adult High School Diplomas			Total		
	2009	2010	Percent Change	2009	2010	Percent Change	2009	2010	Percent Change	2009	2010	Percent Change
Northeast Iowa	353	281	-25.6%	166	172	3.5%	0	0	-	519	453	-14.6%
North Iowa Area	290	49	-491.8%	76	84	9.5%	0	0	-	366	133	-175.2%
Iowa Lakes	59	57	-3.5%	63	84	25.0%	1	0	-	123	141	12.8%
Northwest	70	52	-34.6%	26	59	55.9%	0	0	-	96	111	13.5%
Iowa Central	377	324	-16.4%	309	384	19.5%	2	0	200.0%	688	708	2.8%
Iowa Valley	345	344	-0.3%	140	163	14.1%	2	2	0.0%	487	509	4.3%
Hawkeye	478	335	-42.7%	148	161	8.1%	3	1	200.0%	629	497	-26.6%
Eastern Iowa	358	246	-45.5%	614	624	1.6%	0	0	-	972	870	-11.7%
Kirkwood	729	608	-19.9%	362	510	29.0%	82	53	-54.7%	1,173	1,171	-0.2%
Des Moines Area	1,822	1,627	-12.0%	894	1,091	18.1%	66	117	33.1%	2,782	2,835	1.9%
Western Iowa Tech	478	301	-58.8%	226	272	16.9%	0	0	-	704	573	-22.9%
Iowa Western	296	302	2.0%	284	270	-5.2%	0	0	-	580	572	-1.4%
Southwestern	106	53	-50.0%	39	51	23.5%	0	0	-	145	104	-39.4%
Indian Hills	692	455	-52.1%	182	172	-5.8%	0	0	-	874	627	-39.4%
Southeastern	270	401	32.7%	264	257	-2.7%	0	0	-	534	658	18.8%
Total	6,723	5,435	-23.7%	3,793	4,354	12.9%	156	173	9.8%	10,672	9,962	-7.1%

Note: Each bar "|" denotes 50 enrollees.

*Includes Non Program Enrollees including corrections literacy programs

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

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

****2010 excludes secondary high school diplomas included in prior reporting years.

Table 9-10: Basic Skill Certificate Program Enrollment and Awards: 2006-2010

Program Year	Total Enrolled	Students Pre-/Post-Tested	Basic Skill Certificates				Total Awards	Percent Enrolled Receiving a Certificate
			Reading	Math	Writing	Listening		
2006	10,491	7,929	2,762	1,811	262	728	5,563	53.0%
2007	9,664	7,492	2,660	2,148	299	565	5,672	58.7%
2008	9,271	7,835	2,651	2,364	210	573	5,798	62.5%
2009	9,918	8,156	2,992	2,331	578	822	6,723	67.8%
2010	10,752	6,593	2,368	1,970	401	769	5,508	51.2%
Average Change 2006-2010	-2.7%	-8.6%	-4.7%	0.2%	19.3%	4.4%	-0.8%	2.0%

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

Table 9-11: GED Program Enrollment: 2006-2010

College	2006	2007	2008	2009	2010	Average Change 2006-2010
Northeast Iowa	229	180	163	230	201	-3.2%
North Iowa Area	334	340	323	335	333	-0.1%
Iowa Lakes	162	166	208	260	259	12.4%
Northwest	92	88	75	127	191	20.0%
Iowa Central	796	984	1,010	1,072	936	4.1%
Iowa Valley	671	559	526	493	589	-3.2%
Hawkeye	995	993	651	649	617	-11.3%
Eastern Iowa	416	442	535	478	448	1.9%
Kirkwood	1,481	1,521	1,288	1,452	1,528	0.8%
Des Moines Area	1,708	1,949	1,512	718	1,023	-12.0%
Western Iowa Tech	595	639	760	866	823	8.4%
Iowa Western	1,469	1,303	1,217	833	863	-12.5%
Southwestern	113	44	11	73	8	-48.4%
Indian Hills	546	498	392	498	501	-2.1%
Southeastern	1,177	1,191	1,344	1,267	1,226	1.0%
Total	10,784	10,897	10,015	9,351	9,546	-3.0%

Note: Each bar “|” denotes 100 enrollees.

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

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 ACE 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.

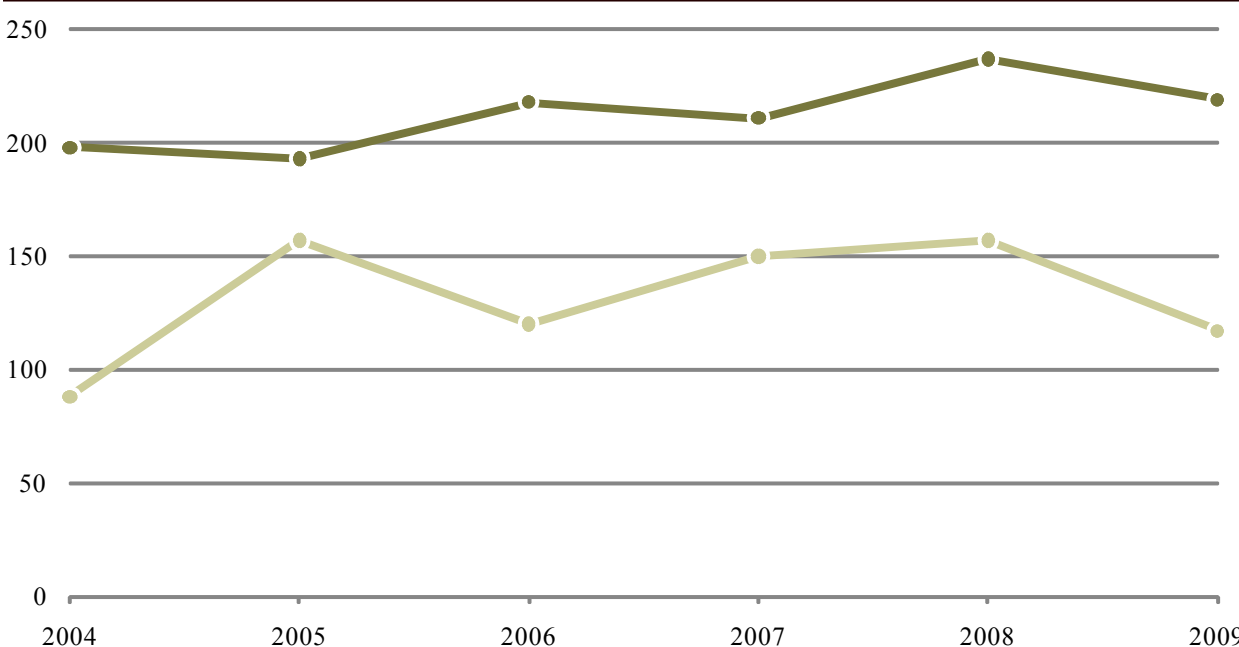
Iowa Industrial New Jobs Training Programs (260E)

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 decreased 16.2 percent since fiscal year 2005, or an average of 3.2 percent per year. The overall amount decreased by 20.9 percent from fiscal year 2008.

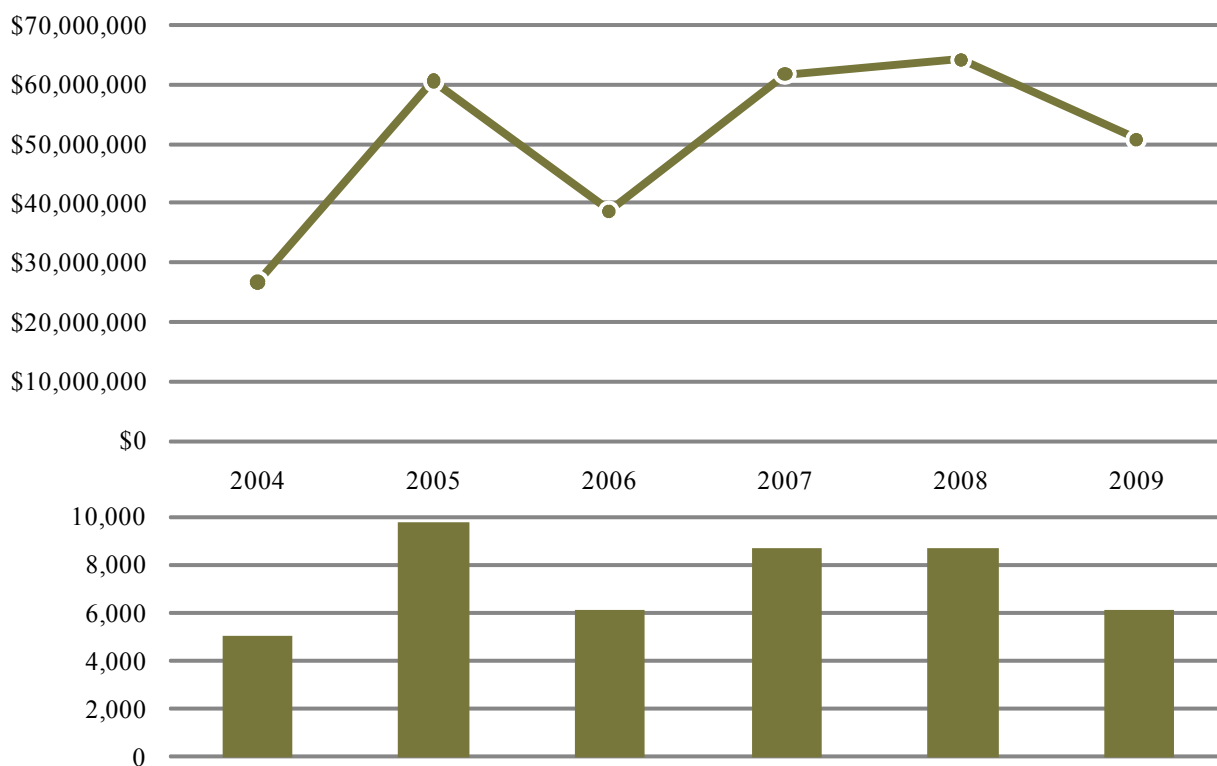
The number of projects awarded also continues to fluctuate. Since fiscal year 2005, a total of 679 projects have been awarded with 24 fewer projects awarded in fiscal year 2009 compared to the previous year.

Figure 10-1: Projects Awarded for 260E and 260F Programs: 2004-2009



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2009, see Table 10-1, 10-2.

Figure 10-2: Training Dollars (top) and Trained (bottom) for 260E Programs: 2004-2009



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2009, see Table 10-1.
NOTE: Number trained in 2009 is not available.

Compared to fiscal year 2005, fiscal year 2009 had 43 fewer projects awarded for a total of 114 for the 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 individuals to be trained and the number completed in this program continue to fluctuate from year-to-year. Since fiscal year 2005, 29,595 individuals were classified to be trained and 24,146 completed the training. In fiscal year 2009, 683 more individuals were classified to be trained than fiscal year 2008 and 2,402 fewer individuals completed the training than the previous year.

The training dollars awarded for this program decreased in 2009. The training dollars awarded have

260F PROGRAMS

NUMBER OF STUDENTS COMPLETED:

894

7,089 students to be trained.

decreased 21.04 percent since fiscal year 2005, or an average of -4.2 percent per year.

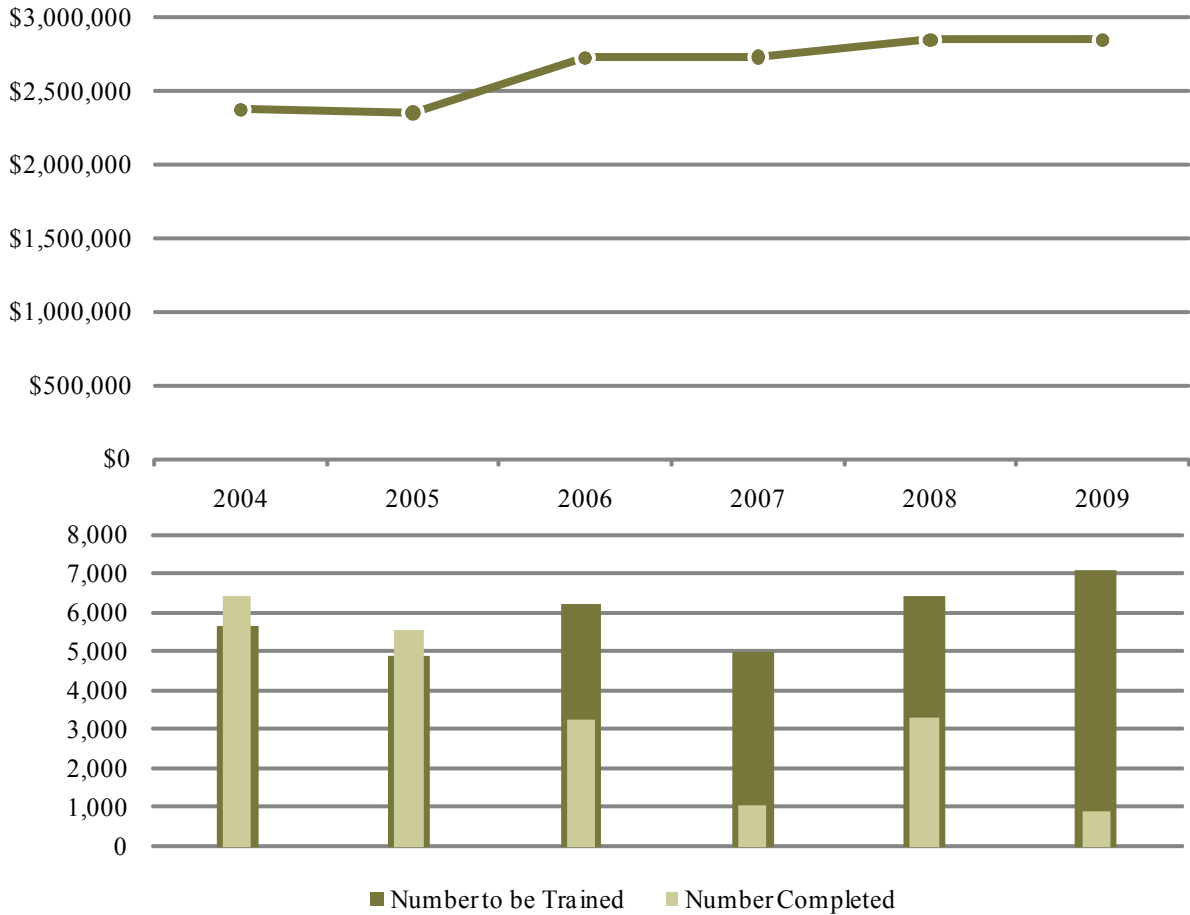
Accelerated Career Education (ACE 260G)

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.

The number of programs and businesses participating in these programs continue to increase. Since fiscal year 2005, 412 programs have been created. The number of businesses participating has decreased to 227 in fiscal year 2009, down from 290 in fiscal year 2005.

The total number of positions sponsored per year has increased from 2008, but has decreased from five years ago. In fiscal year 2005, 2,584 positions were sponsored, and this decreased to 2,372 in fiscal year 2009. A total of 12,311 positions have been sponsored since fiscal year 2005.

Figure 10-3: Training Dollars (top) and Trained (bottom) for 260F Programs: 2004-2009



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2009, see Table 10-2.

ACE (260G) PROGRAMS

POSITIONS SPONSORED:	AVERAGE STARTING WAGE:
2,372 <small>A 2.7 percent decrease.</small>	\$17.82

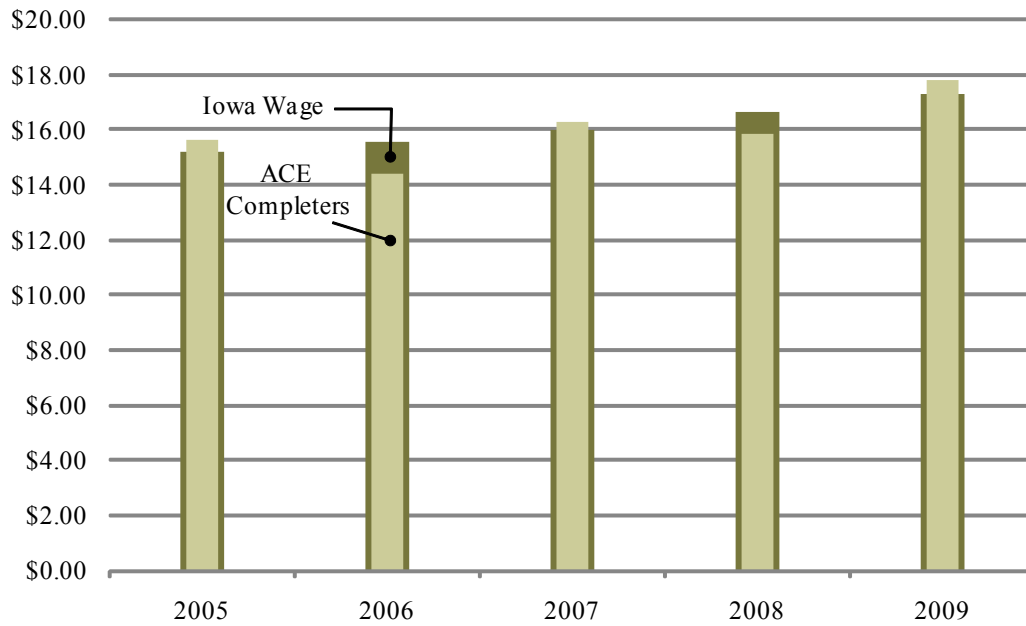
\$0.44, \$0.31, and \$0.55 respectively. In fiscal years 2006 and 2008, the average wage fell under the Iowa mean hourly wage by \$1.14 and \$0.84 respectively.

The number of students who have been offered positions has decreased since fiscal year 2005. In fiscal year 2009, 180 individuals were offered positions, a decrease of 207 from fiscal year 2005. In total, 1,300 students have been offered positions through this program.

The dollar amount of job credits awarded indicates that overall this amount has increased 2.5 percent, or an average of 0.5 percent per year from 2005. The amount awarded in fiscal year 2009 increased 2.3 percent from the previous year.

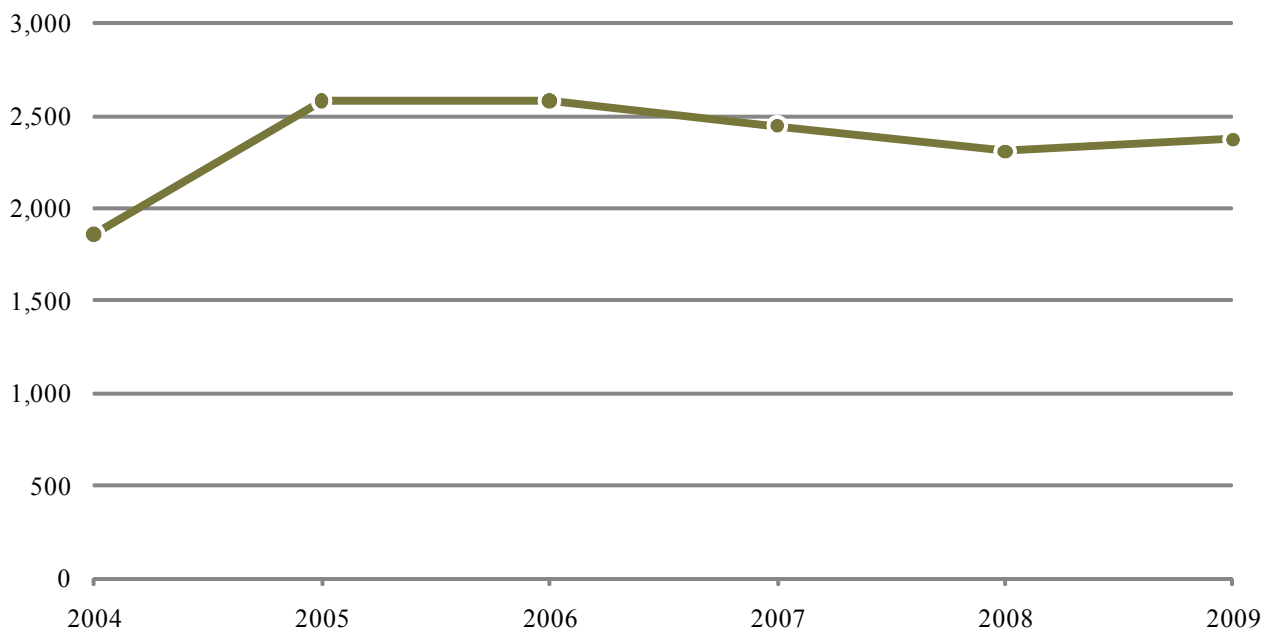
The average starting wage for the students hired through this program has fluctuated from year-to-year. A comparison to Iowa’s mean hourly wage indicates that in fiscal years 2005, 2007 and 2009, the student’s average wage was above Iowa’s mean hourly wage by

Figure 10-4: Average Wages for ACE Graduates and Average Iowa Wages: 2005—2009



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2009 and U.S. Bureau of Labor Services, Occupational Employment Statistics, see Table 10-3.

Figure 10-5: Positions Sponsored by ACE: 2005—2009



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2009 and U.S. Bureau of Labor Services, Occupational Employment Statistics, see Table 10-3.

Table 10-1: Funding, Trained, and Projects for 260E Programs: 2005—2009

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	N/A	114

NOTE: Number trained in FY 2009 not available.

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2009.

Table 10-2: Funding, To be Trained, Completers, and Projects for 260F Programs: 2005—2009

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	8,246	218
2007	2,732,004	4,996	4,181	211
2008	2,918,131	6,406	3,296	237
2009	2,846,552	7,089	894	N/A

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2009.

Table 10-3: Programs, Businesses, Sponsored Positions, Offered Positions, Average ACE Wages, and Awarded Job Credits for 260G Programs: 2005—2009

Fiscal Year	Programs	Businesses	Positions Sponsored	Offered Positions	Average ACE Starting Wage	Iowa Mean Hourly Wage	Job Credits Awarded
2005	79	290	2,584	387	\$15.63	\$15.19	5,814,483
2006	84	311	2,602	306	14.41	15.55	5,939,662
2007	89	272	2,444	207	16.30	15.99	5,993,806
2008	95	319	2,309	220	15.82	16.66	5,823,507
2009	65	227	2,372	180	17.82	17.27	5,959,581

SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2005-2009 and U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

11

APPRENTICESHIP

Registered apprenticeship is a national training system that combines paid learning on-the-job and related technical and theoretical instruction in a skilled occupation. Programs meet federally-approved and industry-endorsed standards. The purpose of apprenticeship is to enable employers to develop and apply industry standards to training programs that can increase productivity and improve the quality of the workforce. This section includes apprenticeship programs funded through the Iowa Department of Economic Development (IDED) as well as those programs that were not.

In fiscal year 2010, the total number of unduplicated students in all apprenticeship programs decreased by 523 from the previous year. The number of students in non-credit apprenticeship programs decreased by 14.7 percent during that time period while the number of non-credit contact hours decreased by 14.5 percent. Since fiscal year 2004, the number of non-credit students has increased by 182, or an average of 0.9 percent annually. The number of non-credit contact hours taken has increased by 131,103 since fiscal year 2004, or an average of 3.6 percent annually.

The numbers of students in credit apprenticeship

APPRENTICESHIP PROGRAMS

STUDENTS (NON-CREDIT):

3,175

CHANGE SINCE LAST YEAR:

↓ 14.7%

STUDENTS (CREDIT):

158

CHANGE SINCE LAST YEAR:

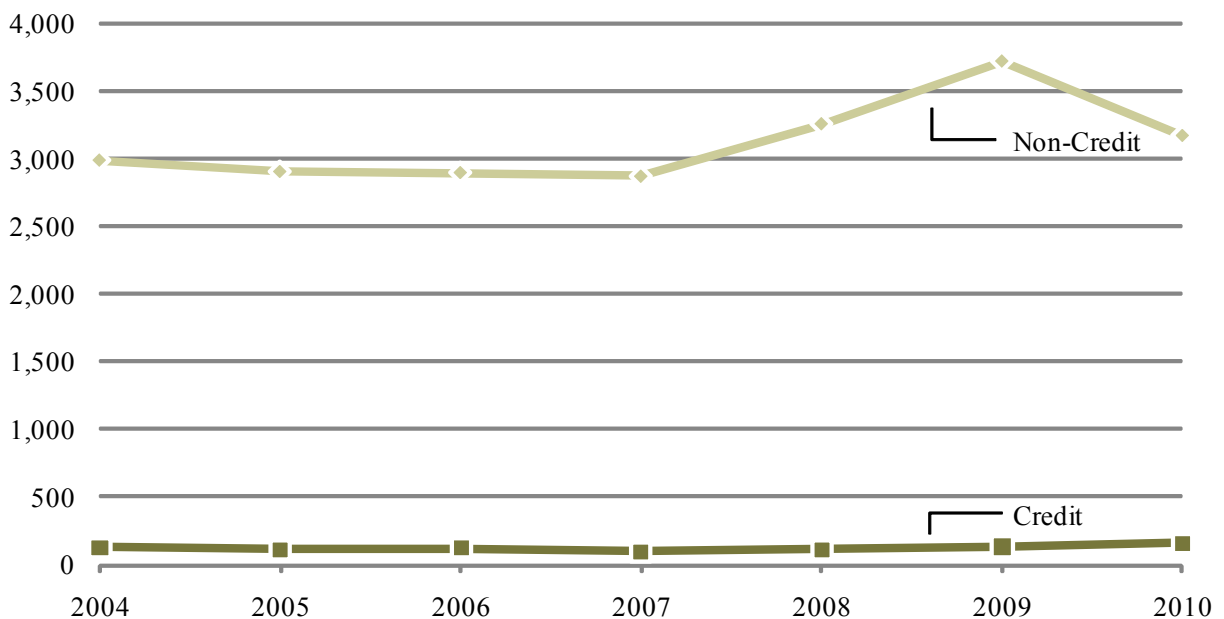
↑ 19.7%

programs increased by 26 while the number of credit hours taken in fiscal year 2010 increased by 370 from fiscal year 2009. Since fiscal year 2004, the number of credit students has increased by 31, or an average of 3.5 percent annually. The number of credit hours taken has increased by 543 since fiscal year 2004.

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. In fiscal year 2010,

Figure 11-1: Apprenticeship Program Enrollment, Credit and Non-Credit: 2004-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 11-1.

three students participated in apprenticeship through 260E programs.

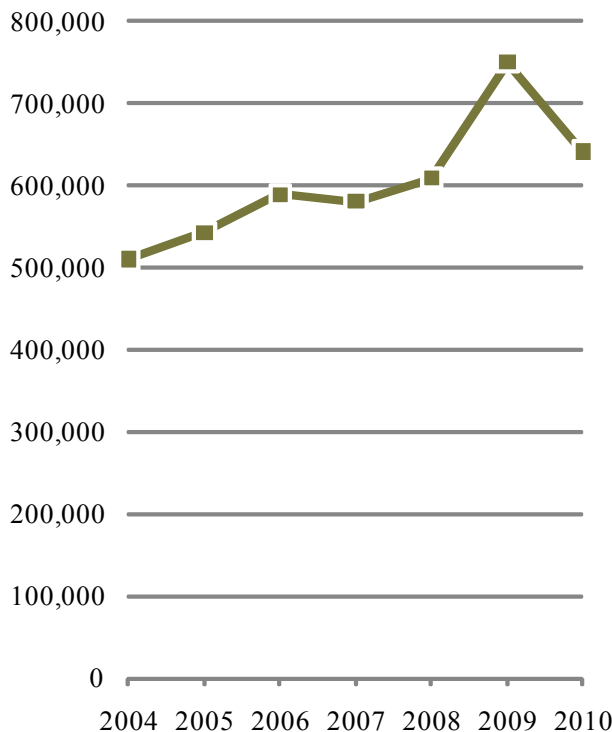
The Iowa Jobs Training Program (260F) provides job training services to current employees of eligible businesses which are located in Iowa. Job training services are defined as any training needed to enhance the performance of a business' employees. Each college works with eligible businesses to assess training needs, determine funds availability and provide training. The number of students participating in apprenticeship through the 260F program decreased by 487 while the number of contact hours decreased by 83,825.

The Iowa Values Fund is an economic development program designed to transform the state 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 apprenticeship students participating in these programs decreased by 99 in fiscal year 2010 while the number of contact hours decreased 18,912 over the previous year.

Programs Not Funded by IDED

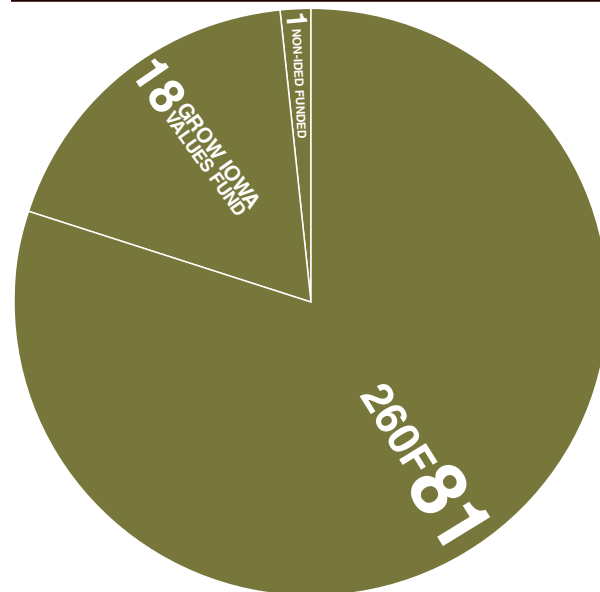
The number of students participating in non-credit apprenticeship programs that were not funded by economic development programs decreased by 34 from fiscal year 2009 to fiscal year 2010. The number of contact hours decreased 6,761 over the previous year.

Figure 11-2: Apprenticeship Non-Credit Contact Hours: 2004-2010



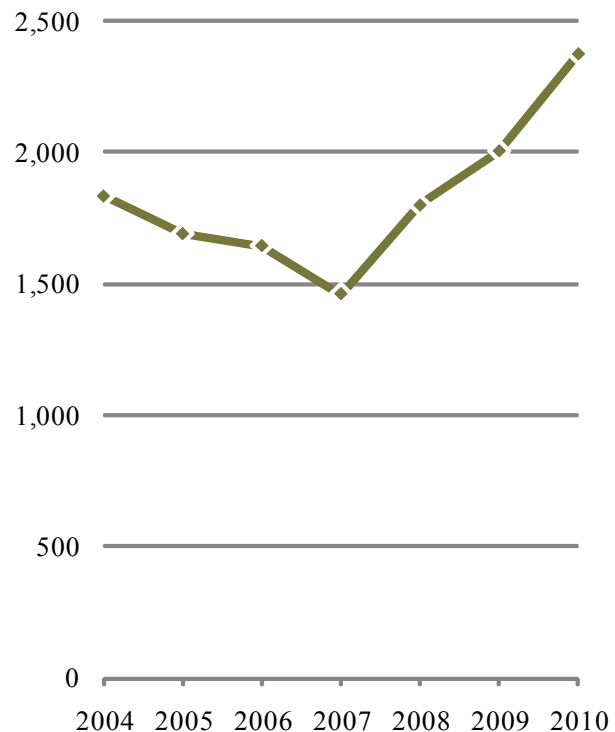
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 11-1.

Figure 11-3: Apprenticeship Contact Hours: 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Tables 11-3, 11-4, 11-5, 11-6.

Figure 11-4: Apprenticeship Credit Hours: 2004-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 11-1.

Table 11-1: Apprenticeship Program Enrollment, Credit Hours, and Contact Hours: 2004-2010

Fiscal Year	Credit		Non-Credit	
	Students	Credit Hours	Students	Contact Hours
2006	125	1,645.0	2,901	588,825.2
2007	99	1,461.5	2,874	580,646.5
2008	113	1,799.5	3,261	608,365.9
2009	132	2,006.5	3,724	750,212.6
2010	158	2,376.5	3,175	641,254.4

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

Table 11-2: Non-Credit Apprenticeship Programs Not Funded by IDED - Enrollment and Contact Hours: 2006-2010

Fiscal Year	Students	Contact Hours
2006	0	0.0
2007	23	4,554.0
2008	40	7,920.0
2009	58	11,250.0
2010	92	4,489.2

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

Table 11-3: Non-Credit Apprenticeship 260E and 260F Programs: 2006-2010

Fiscal Year	260E		260F	
	Students	Contact Hours	Students	Contact Hours
2006	12	998.4	2,883	587,687.8
2007	50	3,185.4	2,274	474,910.3
2008	61	1,277.4	2,345	444,443.3
2009	0	0.0	2,933	601,337.0
2010	3	540	2,446	517,511.6

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

Table 11-4: Non-Credit Apprenticeship Programs Funded by the Grow Iowa Values Fund - Enrollment and Contact Hours: 2006-2010

Fiscal Year	Students	Contact Hours
2006	357	68,275.2
2007	527	97,996.8
2008	815	154,713.6
2009	733	137,625.6
2010	634	118,713.6

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

Table 11-5: Apprenticeship Programs Funded by Iowa Industrial New Jobs Training Programs (260E) - Non-Credit Enrollment and Contact Hours: 2006-2010

College	2006		2007		2008		2009		2010	
	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	12	998.4	50	3185.4	61	1277.4	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	3	540
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	12	998.4	50	3,185.4	61	1,277.4	0	0.0	3	540.0

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

Table 11-6: Apprenticeship Programs Funded by Iowa Jobs Training Programs (260F) - Non-Credit Enrollment and Contact Hours: 2006-2010

College	2006		2007		2008		2009		2010	
	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	1	173	0	0	4	691	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	610	129,953	657	139,598	854	185,654	928	204,724	769	167,253
Kirkwood	591	125,447	447	92,933	479	54,637	831	162,298	731	153,582
Des Moines Area	1,626	318,348	1,128	233,563	911	192,790	1,085	225,271	882	186,710
Western Iowa Tech	55	13,766	33	7,434	29	7,798	40	6,926	12	2,064
Iowa Western	0	0	9	1,382	8	1,075	4	614	3	461
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	60	1,799	45	1,504	49	7,442
Total	2,883	587,688	2,274	474,910	2,345	444,443	2,933	601,337	2,446	517,512

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

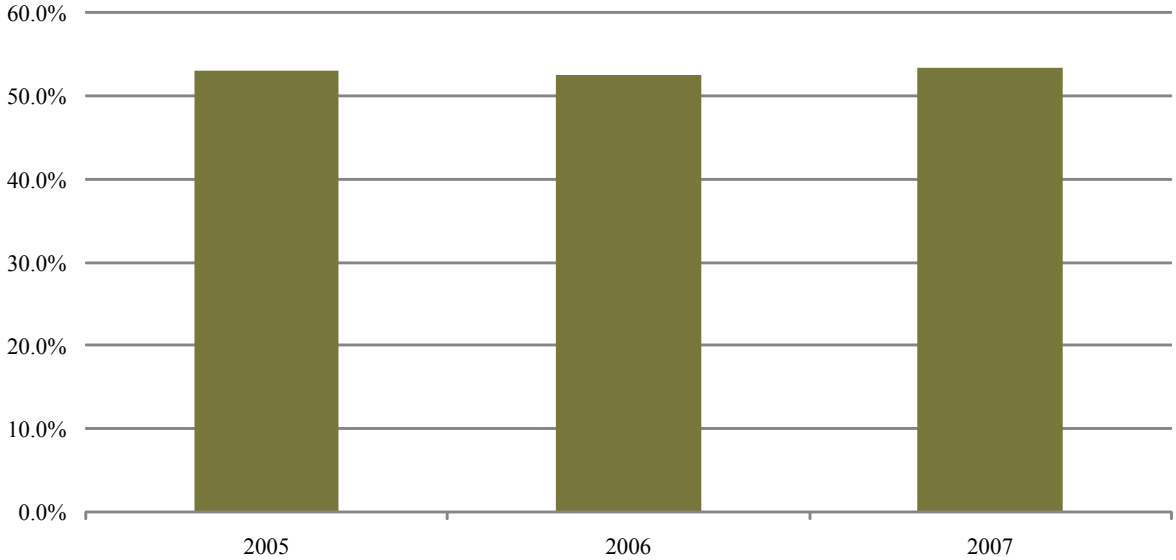
SUCCESS RATE: 53.4% <small>Increased 0.9% from 2008.</small>	GRADUATION RATE: 35.8% <small>Decreased 3.7% from 2009.</small>
AVERAGE TIME-TO-DEGREE: 2.4 YEARS <small>Unchanged from 2009.</small>	MEDIAN SALARY: \$29,592 <small>All students, 2002 cohort</small>

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.

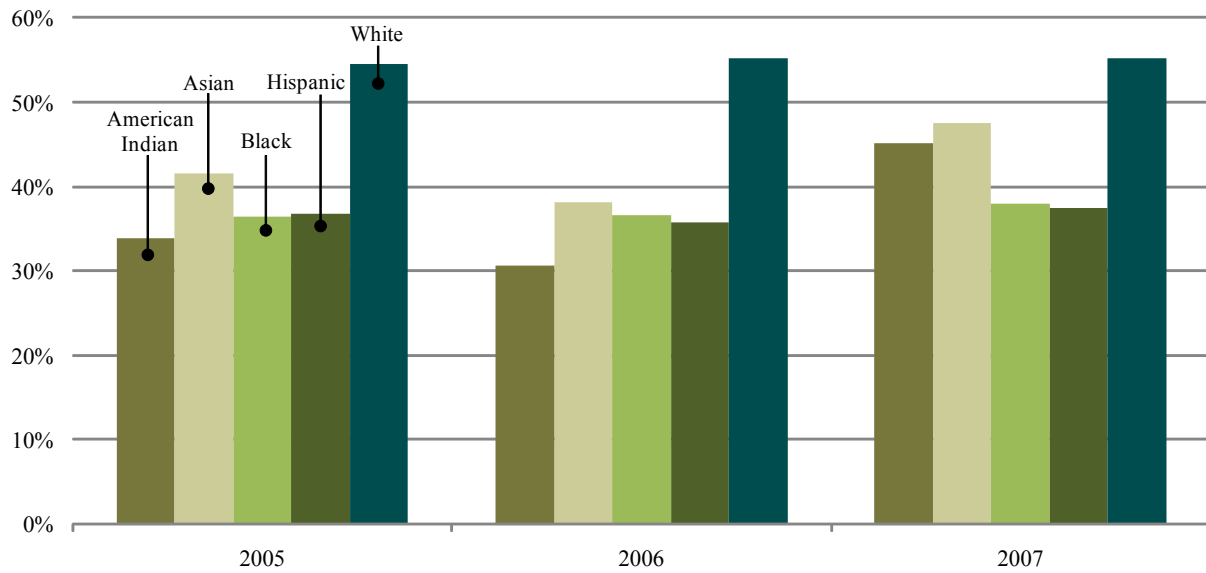
Figure 12-4 shows the path of the fiscal year 2006 cohort through three years. Few students graduated or transferred within the first year. However, 30 percent of the initial cohort did graduate or transfer in the second

Figure 12-1: Three-year Success Rate (Graduation + Transfer): 2005 - 2007 Cohorts



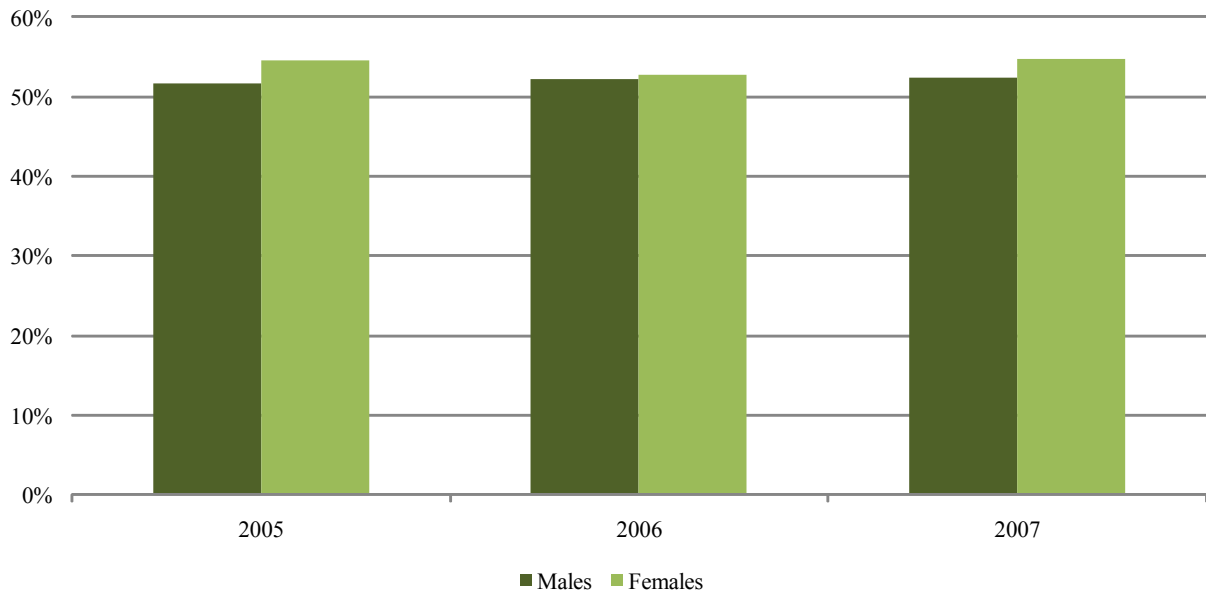
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and National Student Clearinghouse, see Table 12-1.

Figure 12-2: Three-year Success Rate by Race/Ethnicity: 2005 - 2007 Cohorts



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

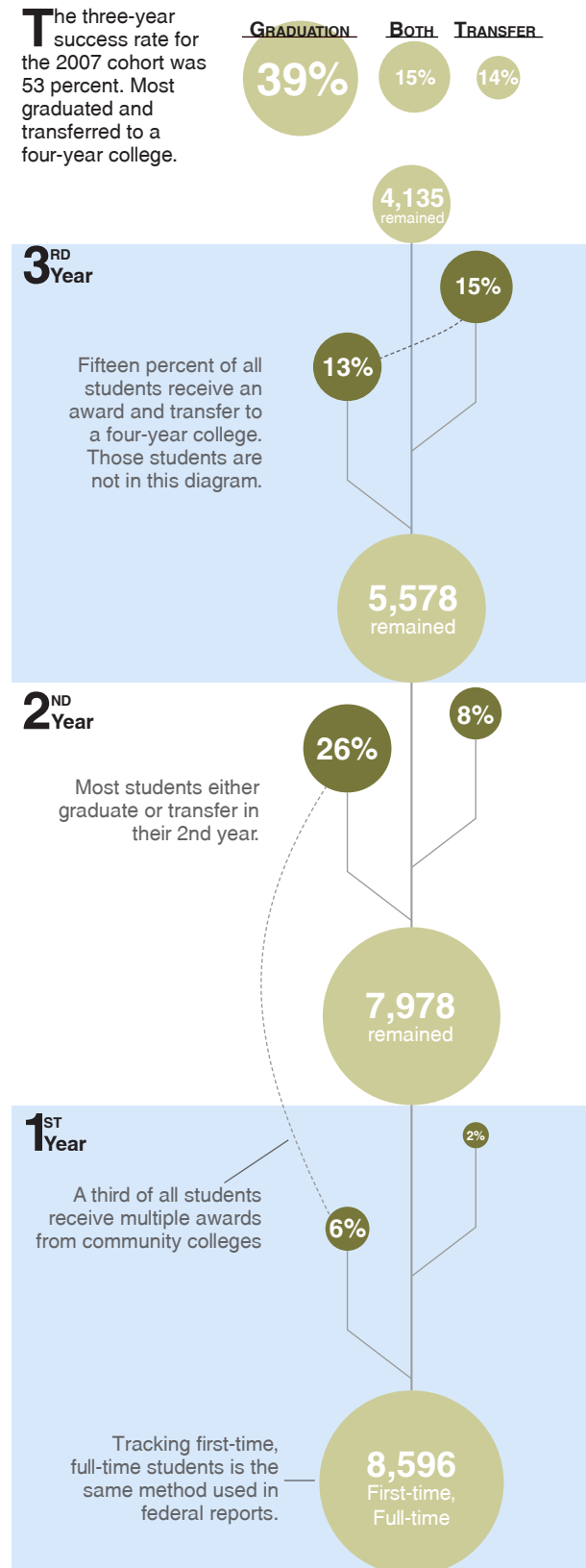
Iowa's graduation rate is still significantly higher than the national graduation rate for two-year public colleges. The most recent national data, which uses a cohort of students from 2005, shows 22 percent of full-time, first-time students graduated within three years (Knapp, Kelly-Reid, and Ginder, 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).

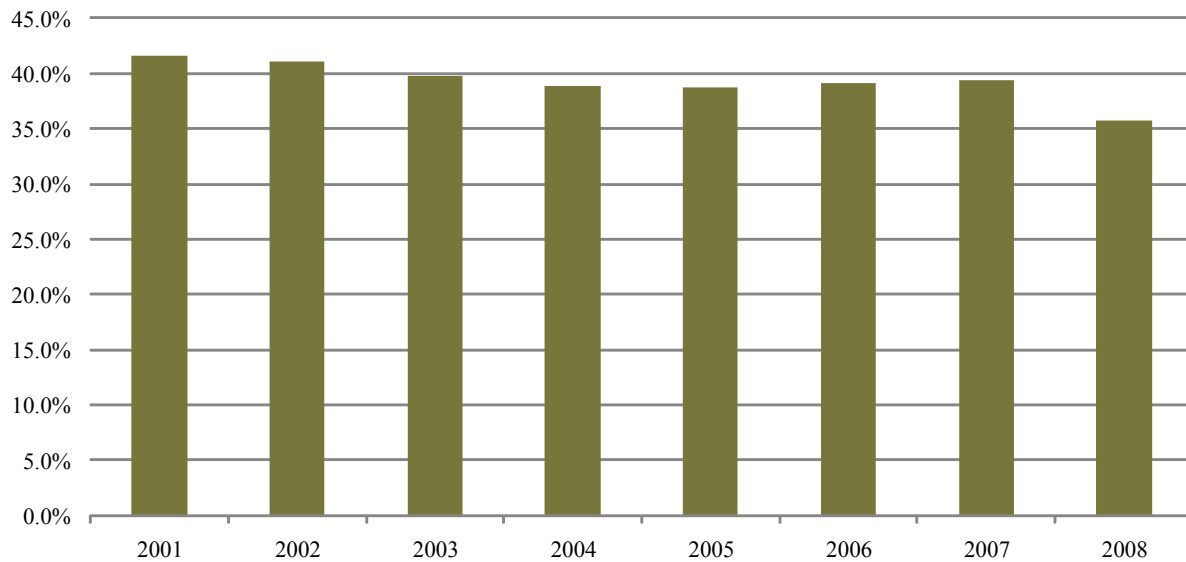
Iowa still outperforms the national graduate rate average for each demographic subgroup. The national graduation rate for black and Hispanic students was 14.4 and 16.8 percent, respectively (Knapp et al., 2009, Table 5). Iowa's male and female graduation rate is 35.5 and 36 percent, which exceeds the 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 and Workforce Preparation, Community College MIS.

Figure 12-5: Three-year Graduation Rate: 2001—2008 Cohorts



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

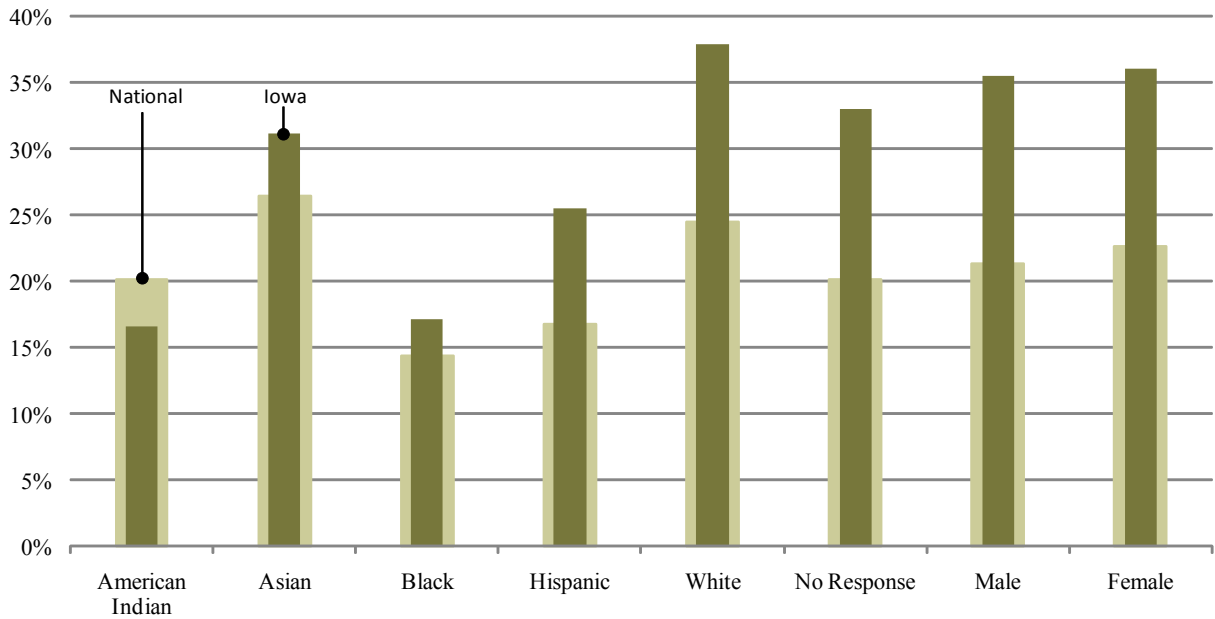
For the 2002 cohort, median wages for completers was \$29,592 and \$27,675 for leavers by 2008. Median wages grew the fastest for completers. In particular, median wages for all awardees grew 142 percent while leavers (non-awardees) grew 87 percent over the 6 year period. The median earnings for completers 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).

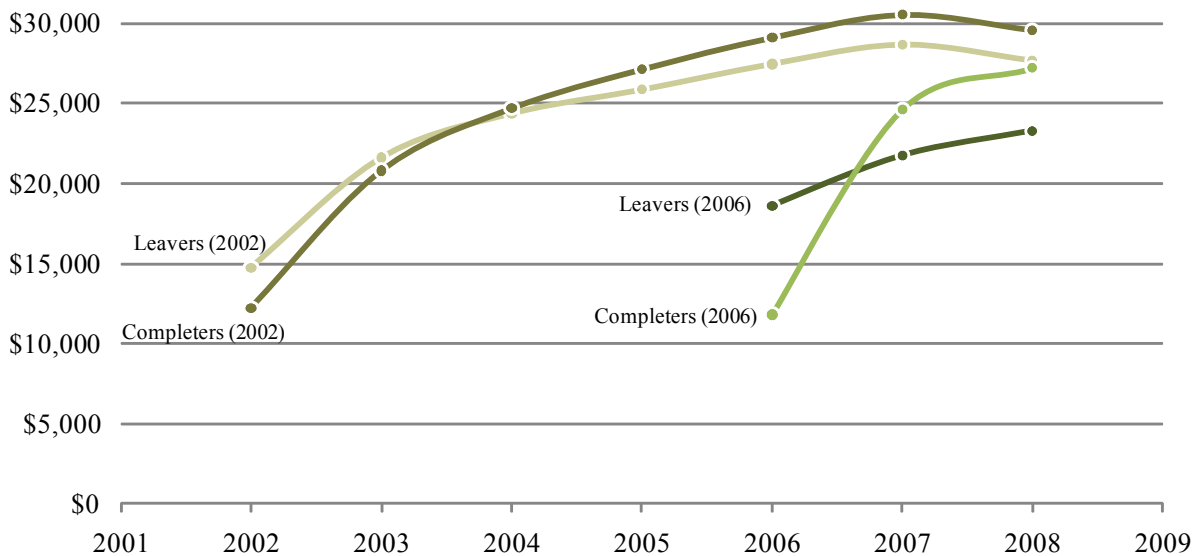
Nevertheless, the 2007-2008 recession is evident in the data. Between 2007 and 2008 wages fell for both completers and leavers. It is not due to increased unemployment, but from a decrease in real wages. The 2006 cohort, which is more recently out of college, was spared from the wage decrease.

Figure 12-6: Three-year Graduation Rate by Demographics: 2007 Cohort



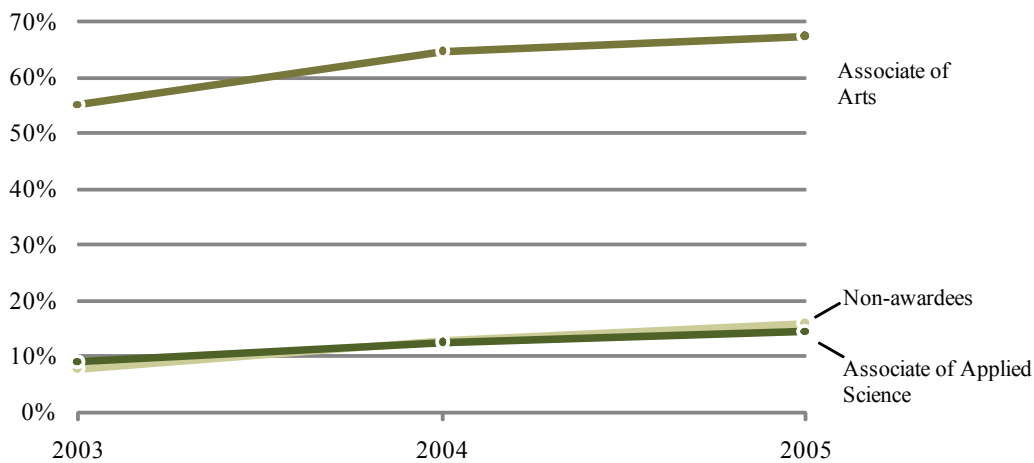
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 12-10 and 12-12 and Knapp, Kelly-Reid, & Ginder (2010).

Figure 12-7: Adjusted Median Earnings of Alumni: 2002 and 2006 Cohorts



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

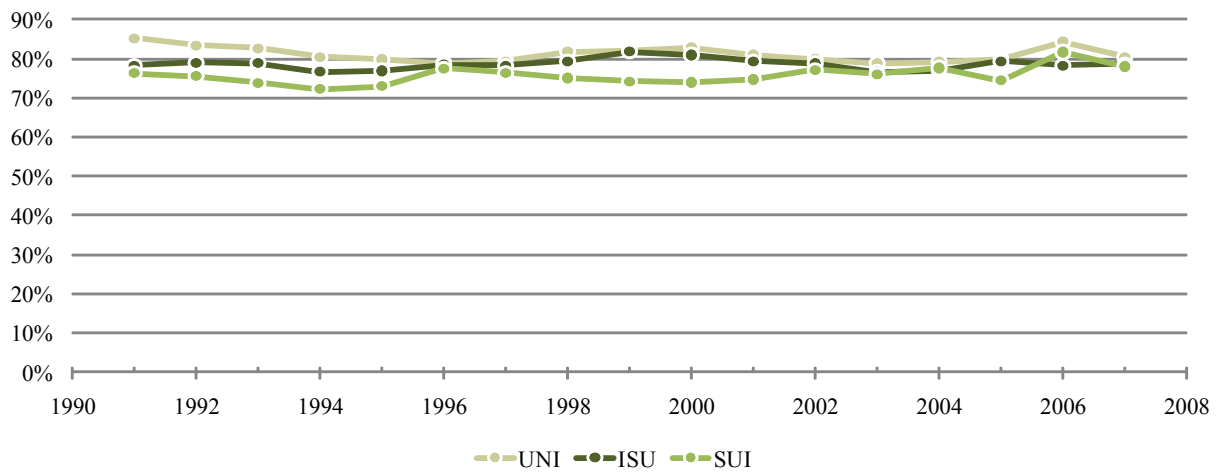
Adult Literacy: Postsecondary Education and Employment

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.

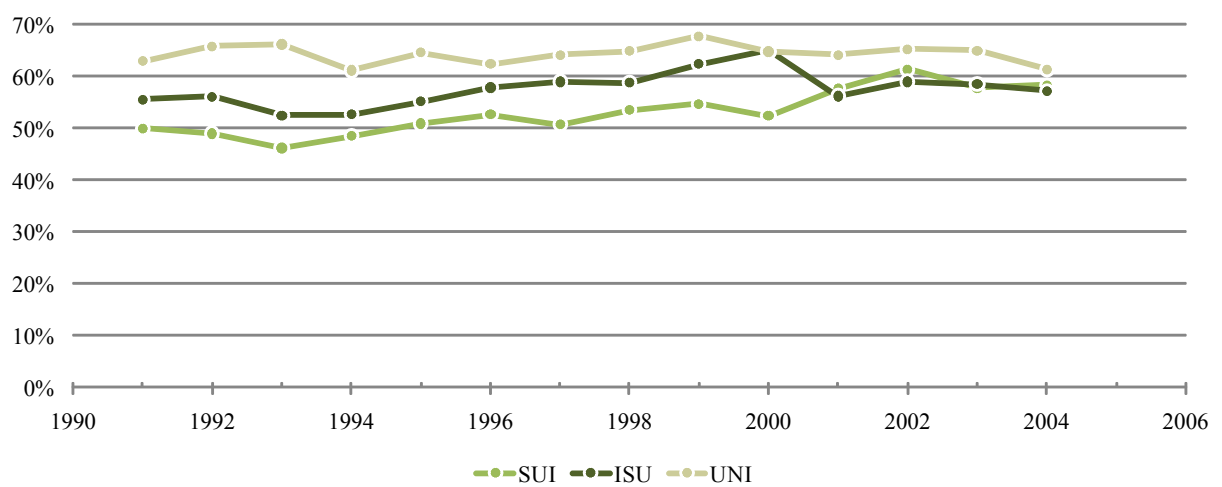
In 2008, 411 students indicated intent to transition to

Figure 12-9: Retention Rate for Transfer Students at Public Universities: 1991-2007



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, and National Student Clearinghouse, see Table 12-17.

Figure 12-10: Graduation Rate for Transfer Students at Public Universities: 1991-2004



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, and National Student Clearinghouse, see Table 12-18.

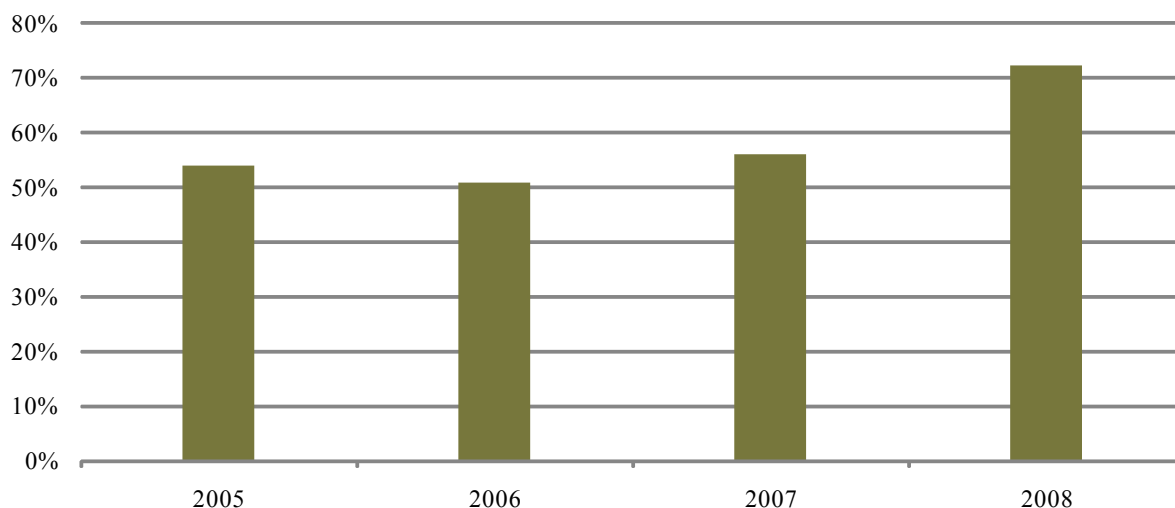
postsecondary education; either in credit education or non-credit education and training programs. The data match indicated that 297 students (72%) enrolled in postsecondary education (Figure 12-11).

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).

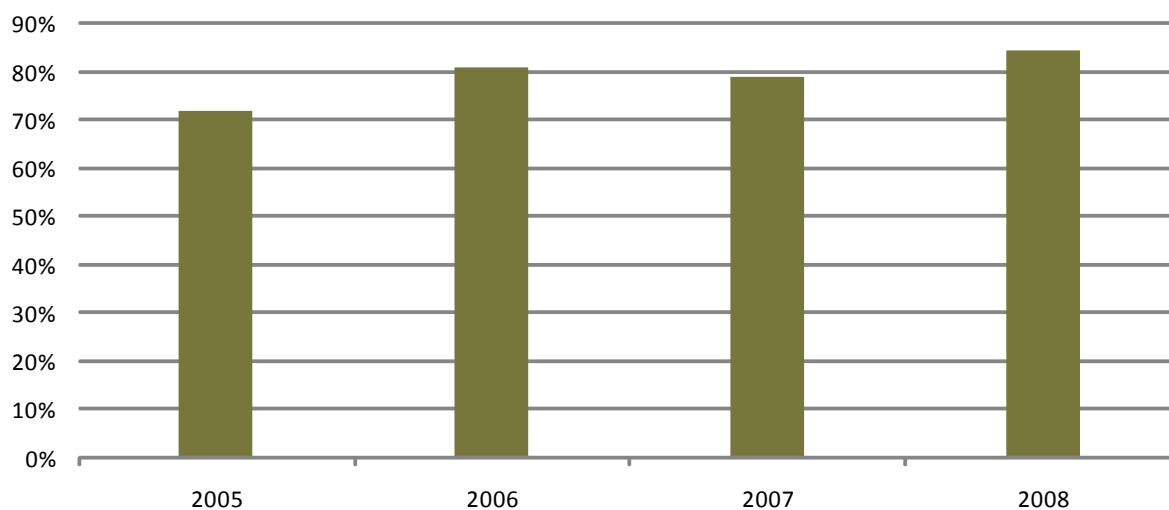
In fiscal year 2008, students indicating the intent to enter employment decreased, however, students obtaining employment increased by six percent from 2007. Additionally, in fiscal year 2008, students indicating the intent to retain employment decreased, however, the percentage of students who sought 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, 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 and Workforce Preparation, Community College MIS.

Table 12-15: Wages for Graduates: 2002 & 2006 Cohorts

Cohort	Status	2002	2003	2004	2005	2006	2007	2008
2002 Cohort	Leavers	\$14,763	\$21,621	\$24,373	\$25,859	\$27,469	\$28,681	\$27,675
	Completers	12,224	20,802	24,697	27,140	29,126	30,554	29,592
2006 Cohort	Leavers					18,618	21,757	23,297
	Completers					11,805	24,633	27,210

Note: Median salaries are shown for individuals working all four quarters. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Iowa Workforce Development, Unemployment Insurance records. See Iowa Department of Education & Iowa Workforce Development (2010) and section 17 of this report.

Table 12-16: Three-year Transfer Rates: 2002 Cohort

Cohort	2003	2004	2005
AA	3,713	2,048	55.2%
AAS	3,631	329	9.1%
Non-award	49,895	3,820	7.7%
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 and Workforce Preparation, 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: 1991–2007

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
UNI	85.2	83.4	82.7	80.4	79.8	78.9	79.4	81.8	82	82.9	80.9	79.8	78.8	79.2	79.9	84.4	80.4
ISU	78.3	79	78.9	76.6	76.9	78.5	78.2	79.4	81.8	80.9	79.4	78.7	76.6	77	79.3	78.2	78.6
SUI	76.3	75.5	73.8	72.2	73	77.5	76.4	75.1	74.2	74	74.7	77.1	76.1	77.6	74.5	81.7	78

Source: State of Iowa Board of Regents (2009)

Table 12-18: Four-Year Graduation Rate of Community College Transfers at Public Universities: 1991–2004

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
SUI	50	49	46.2	48.5	50.9	52.7	50.7	53.5	54.7	52.4	57.7	61.4	57.8	58.3
ISU	55.6	56.1	52.5	52.7	55.2	57.9	59	58.8	62.4	65.1	56.2	59	58.5	57.2
UNI	63	65.8	66.2	61.2	64.6	62.4	64.2	64.9	67.8	64.8	64.2	65.3	65	61.4

Source: State of Iowa Board of Regents (2009)

Table 12-19: Postsecondary Education for Adult Literacy Participants: 2005–2008

Program Year	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 and Workforce Preparation, 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, Bureau of Community College Services.

13

TUITION AND FEES

Full-time community college resident tuition increased to \$3,743 during fiscal year 2011. Last year, average inflation-adjusted tuition was \$3,660, yielding a 2.28 percent increase between 2010 and 2011. The 2.28 percent increase was slightly above the average five-year tuition increase (2.05 percent), but below the 10-year average annual increase (3.79 percent). The highest listed tuition in 2011 was \$4,110 while the lowest tuition was \$3,491 (Figure 13-1).

Inflation-adjusted resident tuition per credit hour increased 2.29 percent, after adjusting for inflation, to \$124.76 per hour (Figure 13-2). Tuition per credit hour increased 2.29 percent, from \$121.97 in 2010. This increase was relatively smaller compared to the 5.89 percent increase the prior year—between 2009 and 2010. In the past five years, tuition per credit hour has increased an average of 2.33 percent each year, indicating the increase in 2010 is consistent with the recent historical average.

TUITION AND FEES

FULL-TIME RESIDENT TUITION
\$3,743

TUITION CHANGE:
↑ 2.3%
Inflation-adjusted

AVERAGE ANNUAL FEES
\$304

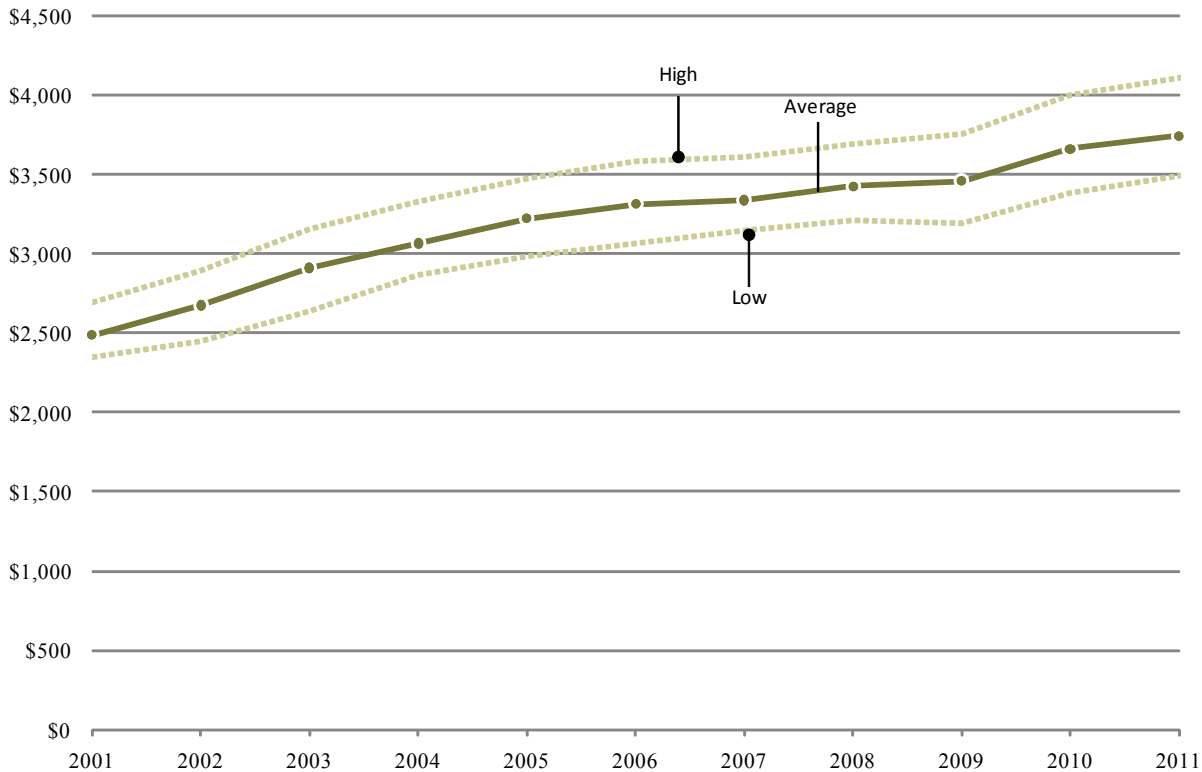
FEE CHANGE:
↓ 0.1%
Inflation-adjusted

Inflation-adjusted annual full-time fees decreased in 2011. Average annual mandatory fees were \$304 in 2011, down slightly from 2010 (Figure 13-4). Fees, after adjusting for inflation, are 2.8 percent lower than 2008. In the past five years, fees declined an average of 0.16 percent each year.

National & Regional Comparisons

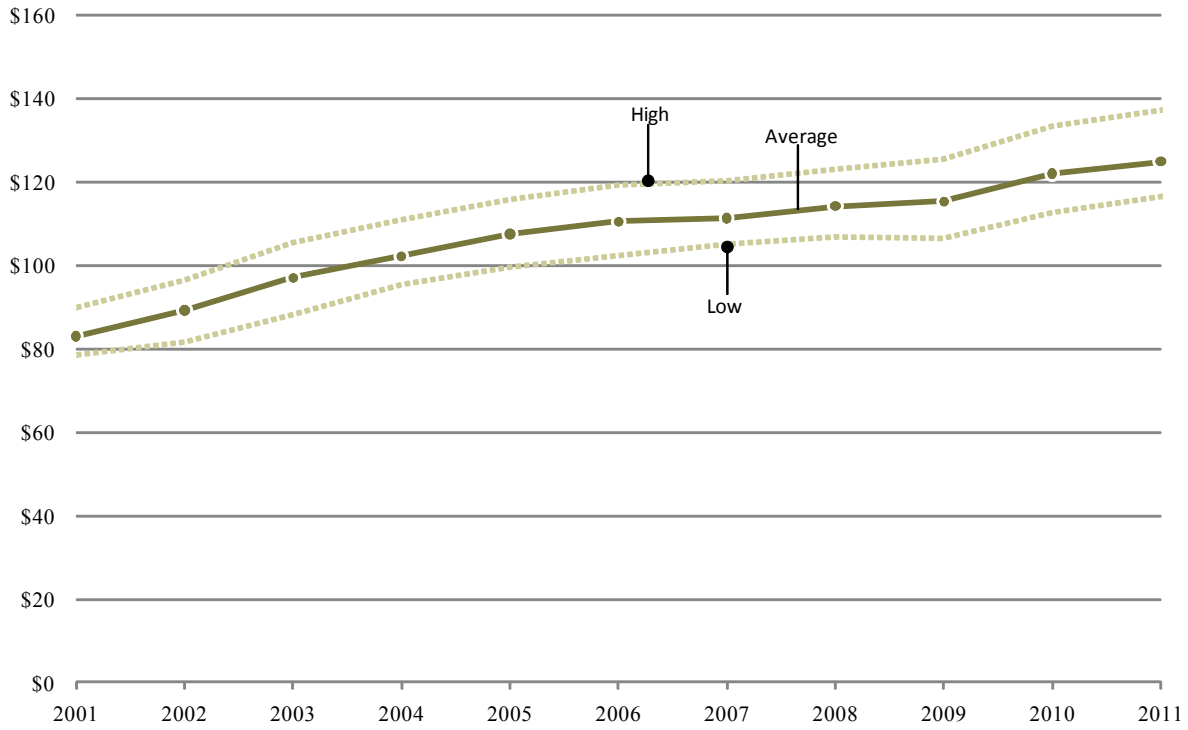
The following information uses data from *The Chronicle of Higher Education, Almanac Issue 2009-2010*. This

Figure 13-1: Adjusted Full-Time Resident Tuition: 2001-2011



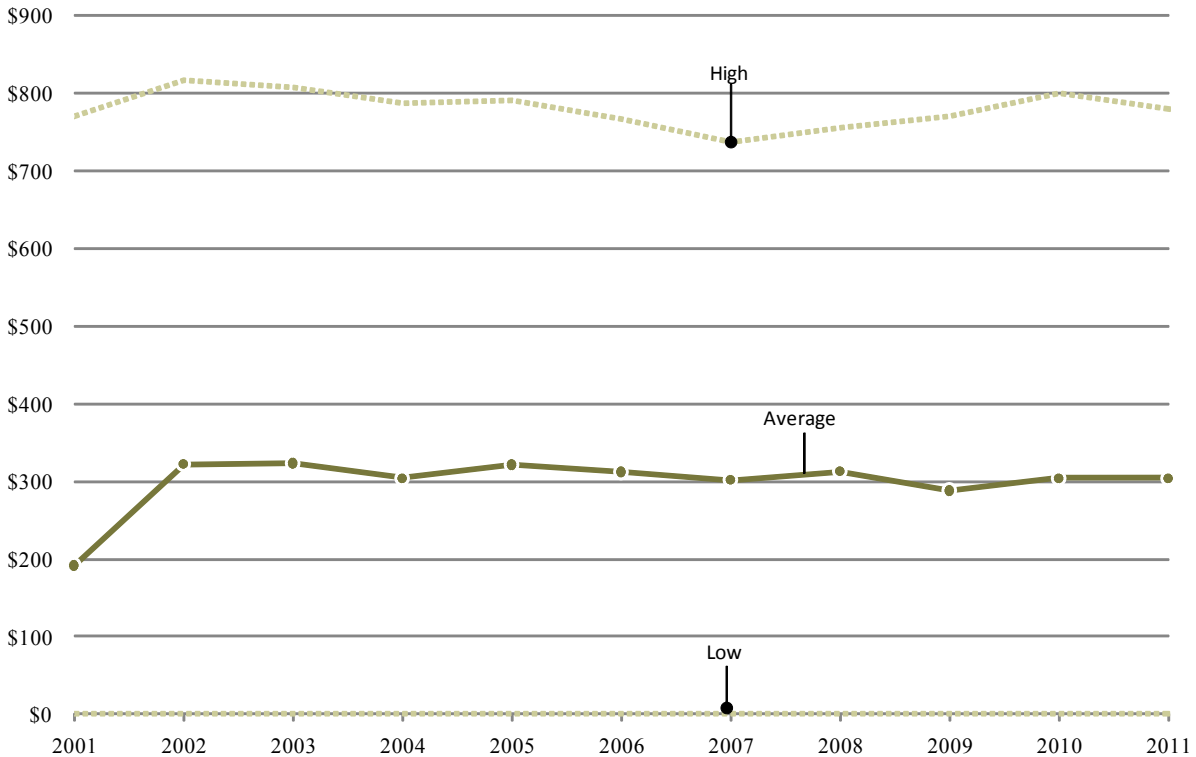
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-2

Figure 13-2: Adjusted Resident Tuition per Credit Hour: 2001-2011



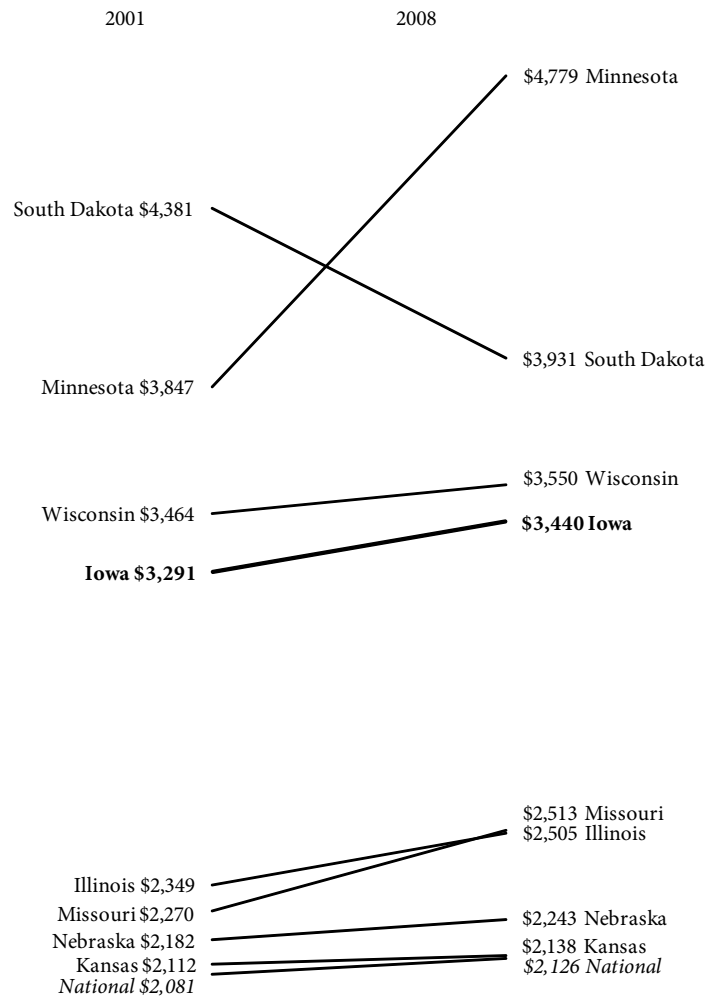
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-3.

Figure 13-3: Adjusted Average Annual Full-Time Fees: 2001-2011



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-4.

Figure 13-4: Adjusted Regional Comparison of Tuition and Fees: 2001 & 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-7.

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 inflation-adjusted average tuition for the upper-Midwest and the nation's two-year public 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 \$1,314 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 2.13 percent while Iowa's tuition increased 4.52 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. Minnesota's tuition has increased 24.23 percent since 2001 to overtake South Dakota as the most expensive state for community college tuition in the region. South Dakota's community college tuition has actually decreased after adjusting for inflation.

Wisconsin's average tuition is \$491 more than Iowa's. However, Iowa's tuition has grown at a faster rate. Wisconsin's tuition has grown 2.49 percent compared

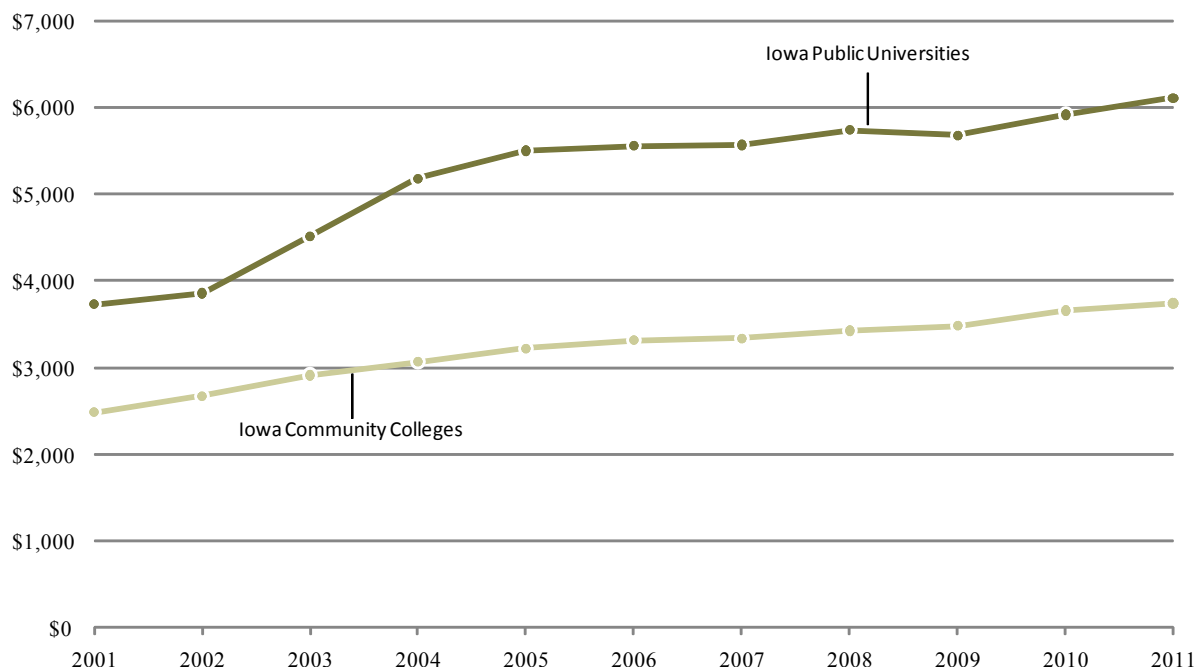
to 4.52 percent over seven years. In 2001, Wisconsin's inflation-adjusted tuition was \$1,090 more than Iowa.

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 38.75 percent (\$2,368) below the average Iowa public university tuition rate (Figure 13-5).

Inflation-adjusted tuition has increased an average of 1.6 percent each year between 2006 and 2011, compared to 2.05 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 2006, community college inflation-adjusted tuition was \$2,243 less than a public university. In 2011, public universities cost \$2,368 more than at community colleges.

Figure 13-5: Adjusted Average Annual Full-Time Tuition Rates of Iowa Community Colleges and Iowa Public Universities: 2005-2010



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-8.

Table 13-1: Resident Tuition and Fees (12 Credit Hours Per Term): 2009-2010 and 2010-2011 Academic Years

Community College	2009-2010			2010-2011			Increases			Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	\$3,120.0	\$312.0	\$3,432.0	\$3,288.0	\$312.0	\$3,600.0	\$168.0	\$0.0	\$168.0	4.9%
North Iowa Area	\$2,634.2	\$318.7	\$2,953.0	\$2,792.4	\$337.9	\$3,130.3	\$158.2	\$19.2	\$177.4	6.0%
Iowa Lakes	\$3,072.0	\$422.0	\$3,494.0	\$3,240.0	\$422.0	\$3,662.0	\$168.0	\$0.0	\$168.0	4.8%
Northwest Iowa	\$2,856.0	\$504.0	\$3,360.0	\$3,024.0	\$528.0	\$3,552.0	\$168.0	\$24.0	\$192.0	5.7%
Iowa Central	\$2,784.0	\$288.0	\$3,072.0	\$2,880.0	\$312.0	\$3,192.0	\$96.0	\$24.0	\$120.0	3.9%
Iowa Valley	\$3,048.0	\$624.0	\$3,672.0	\$3,192.0	\$624.0	\$3,816.0	\$144.0	\$0.0	\$144.0	3.9%
Hawkeye	\$2,904.0	\$168.0	\$3,072.0	\$3,072.0	\$144.0	\$3,216.0	\$168.0	(\$24.0)	\$144.0	4.7%
Eastern Iowa	\$2,688.0	\$0.0	\$2,688.0	\$2,832.0	\$0.0	\$2,832.0	\$144.0	\$0.0	\$144.0	5.4%
Kirkwood	\$2,664.0	\$0.0	\$2,664.0	\$2,832.0	\$0.0	\$2,832.0	\$168.0	\$0.0	\$168.0	6.3%
Des Moines Area	\$2,760.0	\$0.0	\$2,760.0	\$3,000.0	\$0.0	\$3,000.0	\$240.0	\$0.0	\$240.0	8.7%
Western Iowa Tech	\$2,760.0	\$372.0	\$3,132.0	\$2,832.0	\$372.0	\$3,204.0	\$72.0	\$0.0	\$72.0	2.3%
Iowa Western	\$2,856.0	\$264.0	\$3,120.0	\$2,856.0	\$312.0	\$3,168.0	\$0.0	\$48.0	\$48.0	1.5%
Southwestern	\$2,784.0	\$288.0	\$3,072.0	\$2,928.0	\$288.0	\$3,216.0	\$144.0	\$0.0	\$144.0	4.7%
Indian Hills	\$2,976.0	\$0.0	\$2,976.0	\$3,120.0	\$0.0	\$3,120.0	\$144.0	\$0.0	\$144.0	4.8%
Southeastern	\$2,880.0	\$0.0	\$2,880.0	\$3,024.0	\$0.0	\$3,024.0	\$144.0	\$0.0	\$144.0	5.0%
State Average	\$2,852.4	\$237.4	\$3,089.8	\$2,994.2	\$243.5	\$3,237.6	\$141.7	\$6.1	\$147.8	4.8%
Std. Dev. (C.C.)	\$144.5	\$196.2	\$285.6	\$156.1	\$200.9	\$284.1	\$51.9	\$16.0	\$44.1	1.6%
Iowa Public Universities	\$5,764.7	\$938.7	\$6,703.3	\$6,110.7	\$1,029.9	\$7,140.6	\$346.0	\$91.2	\$437.2	6.5%
Std. Dev. (Universities)	\$12.3	\$73.2	\$85.4	\$12.3	\$183.3	\$195.5	\$0.0	\$110.6	\$110.8	1.6%

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. Source: Tuition & Fees Report 2011. Iowa Board of Regents, Tuition Rates, December 2009 and February 2010.

Table 13-2: Resident Tuition and Fees (15 Credit Hours Per Term): 2009-2010 and 2010-2011 Academic Years

Community College	2009-2010			2010-2011			Increases			Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	\$3,900.0	\$390.0	\$4,290.0	\$4,110.0	\$390.0	\$4,500.0	\$210.0	\$0.0	\$210.0	4.9%
North Iowa Area	\$3,292.8	\$398.4	\$3,691.2	\$3,490.5	\$422.4	\$3,912.9	\$197.7	\$24.0	\$221.7	6.0%
Iowa Lakes	\$3,840.0	\$522.5	\$4,362.5	\$4,050.0	\$522.5	\$4,572.5	\$210.0	\$0.0	\$210.0	4.8%
Northwest Iowa	\$3,570.0	\$630.0	\$4,200.0	\$3,780.0	\$660.0	\$4,440.0	\$210.0	\$30.0	\$240.0	5.7%
Iowa Central	\$3,480.0	\$360.0	\$3,840.0	\$3,600.0	\$390.0	\$3,990.0	\$120.0	\$30.0	\$150.0	3.9%
Iowa Valley	\$3,810.0	\$780.0	\$4,590.0	\$3,990.0	\$780.0	\$4,770.0	\$180.0	\$0.0	\$180.0	3.9%
Hawkeye	\$3,630.0	\$210.0	\$3,840.0	\$3,840.0	\$180.0	\$4,020.0	\$210.0	(\$30.0)	\$180.0	4.7%
Eastern Iowa	\$3,360.0	\$0.0	\$3,360.0	\$3,540.0	\$0.0	\$3,540.0	\$180.0	\$0.0	\$180.0	5.4%
Kirkwood	\$3,330.0	\$0.0	\$3,330.0	\$3,540.0	\$0.0	\$3,540.0	\$210.0	\$0.0	\$210.0	6.3%
Des Moines Area	\$3,450.0	\$0.0	\$3,450.0	\$3,750.0	\$0.0	\$3,750.0	\$300.0	\$0.0	\$300.0	8.7%
Western Iowa Tech	\$3,450.0	\$465.0	\$3,915.0	\$3,540.0	\$465.0	\$4,005.0	\$90.0	\$0.0	\$90.0	2.3%
Iowa Western	\$3,570.0	\$330.0	\$3,900.0	\$3,570.0	\$390.0	\$3,960.0	\$0.0	\$60.0	\$60.0	1.5%
Southwestern	\$3,480.0	\$360.0	\$3,840.0	\$3,660.0	\$360.0	\$4,020.0	\$180.0	\$0.0	\$180.0	4.7%
Indian Hills	\$3,720.0	\$0.0	\$3,720.0	\$3,900.0	\$0.0	\$3,900.0	\$180.0	\$0.0	\$180.0	4.8%
Southeastern	\$3,600.0	\$0.0	\$3,600.0	\$3,780.0	\$0.0	\$3,780.0	\$180.0	\$0.0	\$180.0	5.0%
State Average	\$3,565.5	\$296.4	\$3,861.9	\$3,742.7	\$304.0	\$4,046.7	\$177.2	\$7.6	\$184.8	4.8%
Std. Dev. (C.C.)	\$180.7	\$244.9	\$356.5	\$195.2	\$250.8	\$354.6	\$64.9	\$20.0	\$55.1	1.6%
Iowa Public Universities	\$5,764.7	\$938.7	\$6,703.3	\$6,110.7	\$1,029.9	\$7,140.6	\$346.0	\$91.2	\$437.2	6.5%
Std. Dev. (Universities)	\$12.3	\$73.2	\$85.4	\$12.3	\$183.3	\$195.5	\$0.0	\$110.6	\$110.8	1.6%

Note: Iowans 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. Source: Tuition & Fees Report 2011. Iowa Board of Regents, Tuition Rates, December 2009 and February 2010.

Table 13-3: Resident Tuition per Credit Hour: 2009-2010 and 2010-2011 Academic Years

Community College	Tuition per Semester Hour			Tuition and Fees per Hour		
	2009-2010	2010-2011	Increase	2009-2010	2010-2011	Increase
Northeast Iowa	\$130.0	\$137.0	\$7.0	\$143.0	\$150.0	\$7.0
North Iowa Area	\$109.8	\$116.4	\$6.6	\$123.0	\$130.4	\$7.4
Iowa Lakes	\$128.0	\$135.0	\$7.0	\$145.6	\$152.4	\$6.8
Northwest Iowa	\$119.0	\$126.0	\$7.0	\$140.0	\$148.0	\$8.0
Iowa Central	\$116.0	\$120.0	\$4.0	\$128.0	\$133.0	\$5.0
Iowa Valley	\$127.0	\$133.0	\$6.0	\$153.0	\$159.0	\$6.0
Hawkeye	\$121.0	\$128.0	\$7.0	\$128.0	\$134.0	\$6.0
Eastern Iowa	\$112.0	\$118.0	\$6.0	\$112.0	\$118.0	\$6.0
Kirkwood	\$111.0	\$118.0	\$7.0	\$111.0	\$118.0	\$7.0
Des Moines Area	\$115.0	\$125.0	\$10.0	\$115.0	\$125.0	\$10.0
Western Iowa Tech	\$115.0	\$118.0	\$3.0	\$130.5	\$133.5	\$3.0
Iowa Western	\$119.0	\$119.0	\$0.0	\$130.0	\$132.0	\$2.0
Southwestern	\$116.0	\$122.0	\$6.0	\$128.0	\$134.0	\$6.0
Indian Hills	\$124.0	\$130.0	\$6.0	\$124.0	\$130.0	\$6.0
Southeastern	\$120.0	\$126.0	\$6.0	\$120.0	\$126.0	\$6.0
State Average	\$118.9	\$124.8	\$5.9	\$128.7	\$134.9	\$6.1
Standard Deviation	\$6.0	\$6.5	\$2.2	\$11.9	\$11.8	\$1.8

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. Source: Tuition & Fees Report 2011.

Table 13-4: Resident Tuition and Fees per Term: 2010-2011 Academic Year

Community College	2010-2011 Tuition for 15 Credits		2009-2010 Tuition for 15 Credits		2009-2010 Fees for 15 Credits	
	Credits Per Term	Per Term	Credits Per Term	Per Term	Credits Per Term	Per Term
Northeast Iowa	\$4,110.00	\$390.00	\$390.00	\$3,900.00	\$390.00	\$390.00
North Iowa Area	\$3,490.50	\$422.40	\$422.40	\$3,292.80	\$398.40	\$398.40
Iowa Lakes	\$4,050.00	\$495.50	\$495.50	\$3,840.00	\$522.50	\$522.50
Northwest Iowa	\$3,780.00	\$660.00	\$660.00	\$3,570.00	\$630.00	\$630.00
Iowa Central	\$3,600.00	\$390.00	\$390.00	\$3,480.00	\$360.00	\$360.00
Iowa Valley	\$3,990.00	\$780.00	\$780.00	\$3,810.00	\$780.00	\$780.00
Hawkeye	\$3,840.00	\$180.00	\$180.00	\$3,630.00	\$210.00	\$210.00
Eastern Iowa	\$3,540.00	\$0.00	\$0.00	\$3,360.00	\$0.00	\$0.00
Kirkwood	\$3,540.00	\$0.00	\$0.00	\$3,330.00	\$0.00	\$0.00
Des Moines Area	\$3,750.00	\$0.00	\$0.00	\$3,450.00	\$0.00	\$0.00
Western Iowa Tech	\$3,540.00	\$465.00	\$465.00	\$3,450.00	\$465.00	\$465.00
Iowa Western	\$3,570.00	\$390.00	\$390.00	\$3,570.00	\$330.00	\$330.00
Southwestern	\$3,660.00	\$360.00	\$360.00	\$3,480.00	\$360.00	\$360.00
Indian Hills	\$3,900.00	\$0.00	\$0.00	\$3,720.00	\$0.00	\$0.00
Southeastern	\$3,780.00	\$0.00	\$0.00	\$3,600.00	\$0.00	\$0.00
State Average	\$3,742.70	\$302.19	\$302.19	\$3,565.50	\$296.39	\$296.39
Standard Deviation	195.18	249.35	249.35	180.67	253.52	253.52

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. Source: Tuition & Fees Report 2011.

Table 13-5: Non-Resident Tuition per Credit Hour: 2008-2009 and 2009-2010 Academic Years

Community College	2009-2010 Tuition per Semester Hour	2010-2011 Tuition per Semester Hour	Increase per Hour	Annual - 12 Hours / Semester	Annual - 15 Hours / Semester	Percent Increase
Northeast Iowa	\$130.0	\$137.0	\$7.0	\$3,288.0	\$4,110.0	5.4%
North Iowa Area	\$164.6	\$174.5	\$9.9	\$4,188.7	\$5,235.9	6.0%
Iowa Lakes	\$130.0	\$137.0	\$7.0	\$3,288.0	\$4,110.0	5.4%
Northwest Iowa	\$154.0	\$154.0	\$0.0	\$3,696.0	\$4,620.0	0.0%
Iowa Central	\$174.0	\$180.0	\$6.0	\$4,320.0	\$5,400.0	3.5%
Iowa Valley	\$148.0	\$154.0	\$6.0	\$3,696.0	\$4,620.0	4.1%
Hawkeye	\$146.0	\$153.0	\$7.0	\$3,672.0	\$4,590.0	4.8%
Eastern Iowa	\$168.0	\$177.0	\$9.0	\$4,248.0	\$5,310.0	5.4%
Kirkwood	\$136.0	\$118.0	(\$18.0)	\$2,832.0	\$3,540.0	-13.2%
Des Moines Area	\$230.0	\$250.0	\$20.0	\$6,000.0	\$7,500.0	8.7%
Western Iowa Tech	\$133.0	\$133.0	\$0.0	\$3,192.0	\$3,990.0	0.0%
Iowa Western	\$124.0	\$124.0	\$0.0	\$2,976.0	\$3,720.0	0.0%
Southwestern	\$142.5	\$142.5	\$0.0	\$3,420.0	\$4,275.0	0.0%
Indian Hills	\$186.0	\$195.0	\$9.0	\$4,680.0	\$5,850.0	4.8%
Southeastern	\$125.0	\$131.0	\$6.0	\$3,144.0	\$3,930.0	4.8%
State Average	\$152.7	\$157.3	\$4.6	\$3,776.0	\$4,720.1	
Standard Deviation	27.5	32.9	7.8	789.5	986.9	0.0

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. Source: Tuition & Fees Report 2011.

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	\$13.00	Sem Hr.	General	\$312.00	\$390.00
North Iowa Area	\$3.18	Sem Hr.	Student Activity	\$76.32	\$95.40
	\$10.90	Sem Hr.	Materials/Lab/Supply	\$261.60	\$327.00
	Total			\$337.92	\$422.40
Iowa Lakes	\$0.75	Sem Hr.	Processing	\$18.00	\$22.50
	\$0.25	Sem Hr.	Noel Levitz LSA Fee	\$6.00	\$7.50
	\$2.25	Sem Hr.	Activity	\$54.00	\$67.50
	\$5.50	Sem Hr.	General	\$132.00	\$165.00
	\$8.00	Sem Hr.	Technology	\$192.00	\$240.00
	\$10.00	Semester	Activity (students registered for 12 or more hours)	\$20.00	\$20.00
	Total			\$422.00	\$522.50
Northwest Iowa	\$5.00	Sem Hr.	Student Fee	\$120.00	\$150.00
	\$10.00	Sem Hr.	Course Fee	\$240.00	\$300.00
	\$7.00	Sem Hr.	Technology Fee	\$168.00	\$210.00
	Total			\$528.00	\$660.00
Iowa Central	\$13.00	Sem Hr.	Student Fee	\$312.00	\$390.00
Iowa Valley	\$17.00	Sem Hr.	Materials & Technology Fee	\$408.00	\$510.00
	\$2.00	Sem Hr.	Facility Fee	\$48.00	\$60.00
	\$7.00	Sem Hr.	Student/Distance Learning/Facility Fee	\$168.00	\$210.00
	Total			\$624.00	\$780.00
Hawkeye	\$4.00	Sem Hr.	Technology	\$96.00	\$120.00
	\$2.00	Sem Hr.	Activity	\$48.00	\$60.00
	Total			\$144.00	\$180.00
Eastern Iowa	None				
Kirkwood	None				
Des Moines Area	None				
Western Iowa Tech	\$9.00	Credit Hr.	Technology	\$216.00	\$270.00
	\$6.50	Credit Hr.	Matriculation	\$156.00	\$195.00
	Total			\$372.00	\$465.00
Iowa Western	\$13.00	Sem Hr.	Student Activity Fee	\$312.00	\$390.00
Southwestern	\$12.00	Sem Hr.	Service/Technology	\$288.00	\$360.00
Indian Hills	None				
Southeastern	None				

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. Source: Tuition and Fees Report 2011.

Table 13-7: Adjusted National and Regional Comparison of Average Tuition and Fees: 2004-2008

Location	Fiscal Year				
	2004	2005	2006	2007	2008
Minnesota	2,812	3,839	4,085	4,359	4,779
South Dakota	3,414	2,840	3,154	3,495	3,931
Wisconsin	2,583	2,796	2,965	3,163	3,550
Iowa	2,686	2,876	3,032	3,139	3,440
Missouri	1,940	2,128	2,247	2,284	2,513
Illinois	1,792	1,952	2,104	2,252	2,505
Nebraska	\$1,678	\$1,772	\$1,899	\$1,991	\$2,243
Kansas	1,783	1,882	1,938	1,942	2,138
National	1,670	1,847	1,935	2,017	2,126

Source: *The Chronicle of Higher Education Almanac Issue 2009-2010*.

Table 13-8: Comparison of Adjusted Annual Full-Time Tuition Rates with Iowa Public Universities: 2006-2011

Institution	Fiscal Year					
	2006	2007	2008	2009	2010	2011
Iowa Community Colleges	\$2,916	\$3,053	\$3,199	\$3,390	\$3,566	\$3,743
Iowa Public Universities	4,890	5,094	5,360	5,532	5,765	6,111

14

FINANCIAL AID

The Condition of Iowa's Community Colleges Report includes dollar amounts adjusted for inflation to permit a comparison between fiscal years. Adjustments are made from the U.S. Bureau of Labor Service's Consumer Price Index (CPI-U) by measuring July-to-July inflation. CPI-U measures the increase of prices for a typical consumer in urban areas. It is a standard index used in publications and reports.



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 2009-2010 reports that the State of Iowa spent a total of \$59,116,000 on student aid for need-based students, \$457,00 on student aid for non-need-based students, and \$6,213,000 on non-grant student aid in fiscal year 2008.

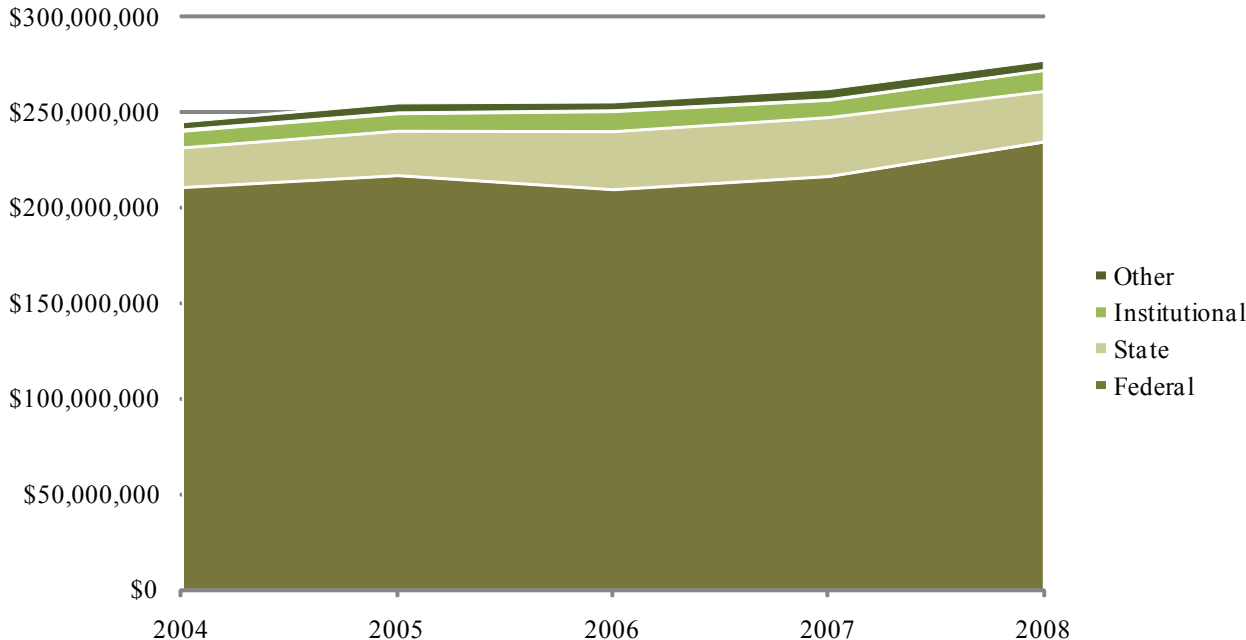
In analyzing aid by source in 2009 dollars, federal aid has decreased 7.6 percent from 2004-2008. During the same five-year period, state aid increased 10.8 percent,

institutional aid by 38.1 percent, and other aid by 14.2 percent (Figure 14-1).

Community college students received approximately 12.3 percent of all financial aid distributed to students enrolled in postsecondary institutions in fiscal year 2008 (Figure 14-2). In 2008, Iowa community college students received \$278,081,290 in financial aid -- 84.5 percent of which was from federal sources (Figure 14-1 and Figure 14-3). State sources accounted for 9.6 percent of financial aid received by community college students. Community colleges received 12.2 percent of state financial aid distributed to students. In comparison, public universities received 29.5 percent of state financial aid and independent four-year institutions received 55.5 percent.

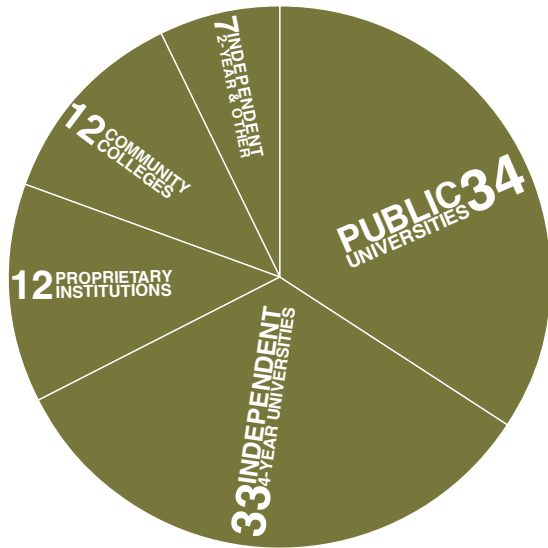
After adjusting these numbers into 2009 dollars, Iowa community college students received \$97,822,388 in grants and scholarships (Figure 14-4). Total grants and scholarships increased 8.3 percent from fiscal year 2007 to fiscal year 2008; however, it decreased 2.1 percent since fiscal year 2004.

Figure 14-1: Adjusted Student Aid, By Source: 2004-2008



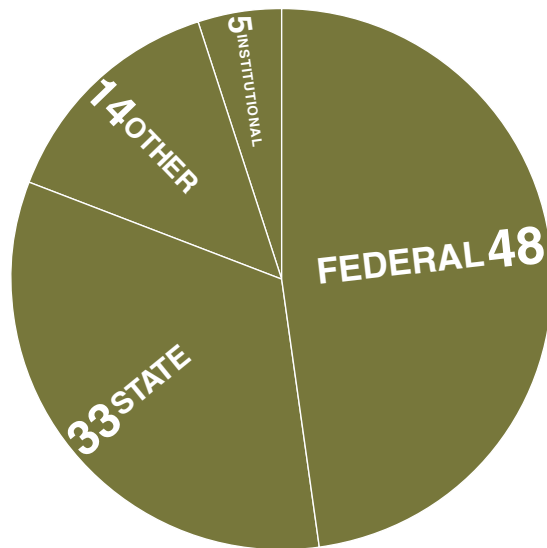
SOURCE: Iowa College Student Aid Commission, Table 14-1. NOTE: Data are as reported by Iowa colleges and universities.

Figure 14-2: Student Financial Aid, By Sector: 2008



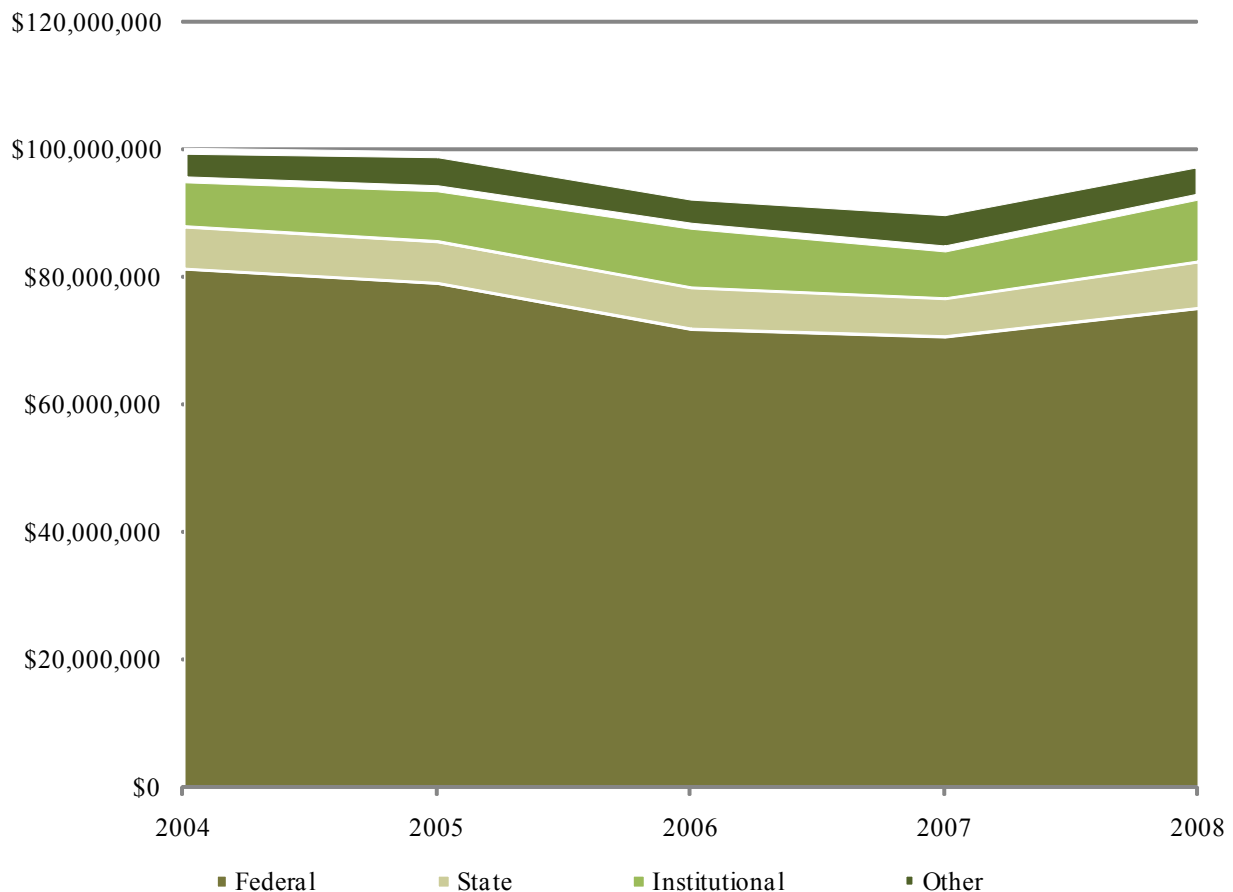
SOURCE: Iowa College Student Aid Commission, Table 14-2.
NOTE: Data are as reported by Iowa colleges and universities.

Figure 14-3: Community College Student Financial Aid, by Source: 2008



SOURCE: Iowa College Student Aid Commission, Table 14-1.
NOTE: Data are as reported by Iowa colleges and universities.

Figure 14-4: Scholarships/Grants for Students - Adjusted, by Source: 2004-2008



SOURCE: Iowa College Student Aid Commission, Table 14-4. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-1: Distribution of Community College Student Aid, by Source: 2004-2008

Source	2004		2005		2006		2007		2008	
Federal	\$185,365,548	20.8%	\$196,422,467	20.8%	\$197,405,935	21.3%	\$208,089,657	17.8%	\$234,861,583	17.5%
State	18,401,960	9.8%	21,283,841	10.5%	28,733,010	11.6%	29,731,820	12.0%	26,730,227	12.2%
Institutional	7,562,179	1.7%	8,145,813	1.6%	9,754,042	1.8%	8,626,703	1.5%	11,072,677	1.9%
Other	3,887,245	6.5%	4,804,639	5.3%	4,472,009	4.8%	5,703,232	5.3%	5,416,803	5.0%
Total	215,216,932	13.5%	230,656,760	13.2%	240,364,996	13.2%	252,151,412	12.0%	278,081,290	12.3%

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-2: Distribution of Student Aid (Percentage), by Sector of Postsecondary Education, by Source: 2008

Source	Community Colleges	Public Universities	Independents (4-Year)	Independents (2-Year/Other)	Proprietary Institutions	Total
Federal	17.5%	29.8%	21.0%	11.6%	20.2%	100.0%
State	12.2%	29.5%	55.5%	0.4%	2.4%	100.0%
Institutional	1.9%	41.4%	54.8%	0.5%	1.5%	100.0%
Other	5.0%	64.7%	25.2%	0.3%	4.8%	100.0%
Total	12.3%	34.4%	33.3%	7.1%	12.9%	100.0%

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-3: Distribution of Student Aid, by Sector of Postsecondary Education, by Source: 2008

	Federal	State	Institutional	Other	Total
Community Colleges	\$234,861,583	\$26,730,227	\$11,072,677	\$5,416,803	\$278,081,290
Public Universities	400,874,844	64,879,438	240,535,441	69,575,212	775,864,935
Independents (4-Year)	282,076,310	122,079,950	318,245,351	27,135,978	749,537,589
Independents (2-Year/Other)	155,876,311	805,565	2,766,358	273,317	159,721,551
Proprietary Institutions	270,963,073	5,345,489	8,440,667	5,136,885	289,886,114
Total	1,344,652,121	219,840,669	581,060,494	107,538,195	2,253,091,479

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

Table 14-4: Non-Repayable Community College Student Aid (Grants and Scholarships), by Source: 2004-2008

Source	2004		2005		2006		2007		2008	
Federal	\$71,195,935	43.4%	\$71,269,523	44.5%	\$67,318,518	44.0%	\$67,577,879	41.8%	\$74,954,719	37.5%
State	5,837,434	9.8%	5,944,242	9.6%	6,218,932	9.4%	5,868,655	8.7%	7,369,462	11.6%
Institutional	6,446,404	2.0%	7,483,066	2.0%	9,047,047	2.2%	7,458,980	1.7%	10,147,414	2.3%
Other	3,887,245	9.1%	4,786,887	10.0%	4,261,130	8.7%	5,424,720	9.4%	5,060,148	8.3%
Total	87,367,018	14.7%	89,483,718	13.8%	86,845,627	12.6%	86,330,234	11.8%	97,531,743	12.7%

SOURCE: Iowa College Student Aid Commission. NOTE: Data are as reported by Iowa colleges and universities.

15

FINANCIAL

The total Fund 1 unrestricted general fund revenues increased \$32,623,478 in fiscal year 2010 from the prior year. This increase in revenue consisted, in part, from an 18.25 percent increase in tuition and fees and a 4.93 percent increase in local support. State general aid (SGA) declined by 17.50 percent while other income declined by 9.35 percent. Federal support showed a 192.39 percent increase due to the incoming American Recovery and Reinvestment Act (ARRA) of 2009 funds that the community colleges received. These totaled \$25.6 million in 2010 and are one-time only funds distributed to the States by the Federal Government in fiscal year 2010.

Tuition and fees (54%) was the largest source of revenue for the community colleges with SGA following at 28.62 percent. Local and federal sources of revenue were 4.67 and 6.71 percent, respectively. The large jump in federal support was due to the receipt of the ARRA funds mentioned above.

Total revenues, adjusted to 2010 dollars, have shown an overall increase of 15.82 percent from 2006 through

FINANCIAL

STATE GENERAL AID (SGA)

\$148,754,233

Decreased 17.5 percent from the prior year

FULL-TIME EQUIVALENT ENROLLMENT (FTEE)

104,810.67

Fourteen percent increase since 2009

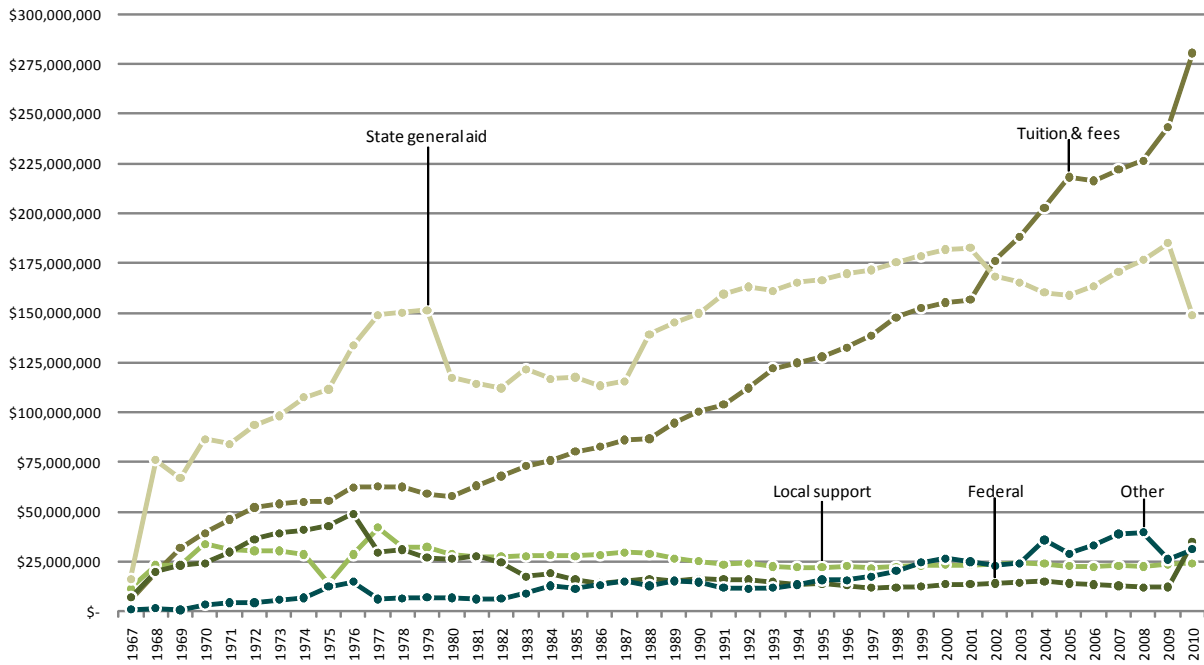
LARGEST EXPENDITURE BY SOURCE

SALARIES

Seventy-four percent of total expenditures.

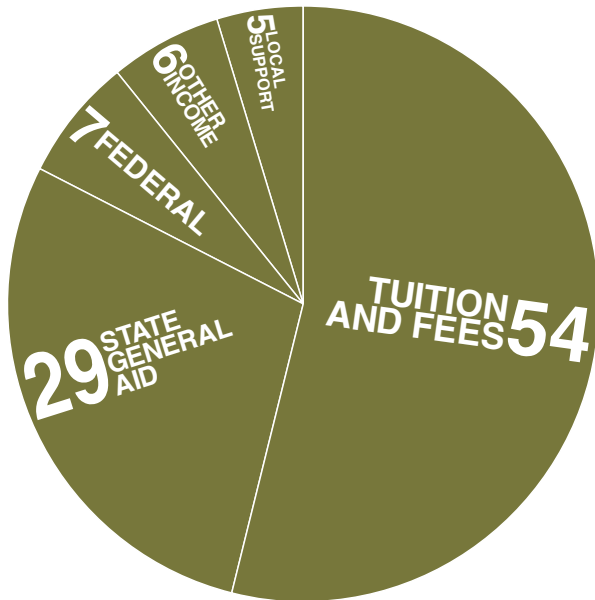
2010, or an average of 3.16 percent in real dollars per year. During this time (2006–2010), tuition and fees revenue has shown a real dollar increase of 29.73 percent and SGA has decreased 9 percent. Local revenue has increased 9 percent in real dollars, and federal support has been decreasing since 2005 with the exception of the \$25.6 million in one-time funds provided by ARRA in fiscal year 2010.

Figure 15-1: Adjusted Unrestricted General Fund Revenue by Source: 1967-2010



NOTE: Amounts are adjusted for inflation to 2010 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: 2010



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 2010 increased \$22,013,894 from the previous year. The increase in expenditures included a 1.72 percent increase in salaries and benefits, a 4.72 percent increase in services, and a \$10.9 million increase in current expenses.

Total Unrestricted General Fund Expenditures, adjusted

to 2010 dollars, has increased 12.65 percent from 2006 through 2010, or an average of 2.53 percent per year in real dollars. During this time period (2006-2010) salary expenditures has increased 11.28 percent, service expenditures has increased 11.64 percent. Capital outlays have increased \$2.6 million in real dollars since fiscal year 2006. Materials, supplies, and travel expenses have decreased 4.66 percent since 2006.

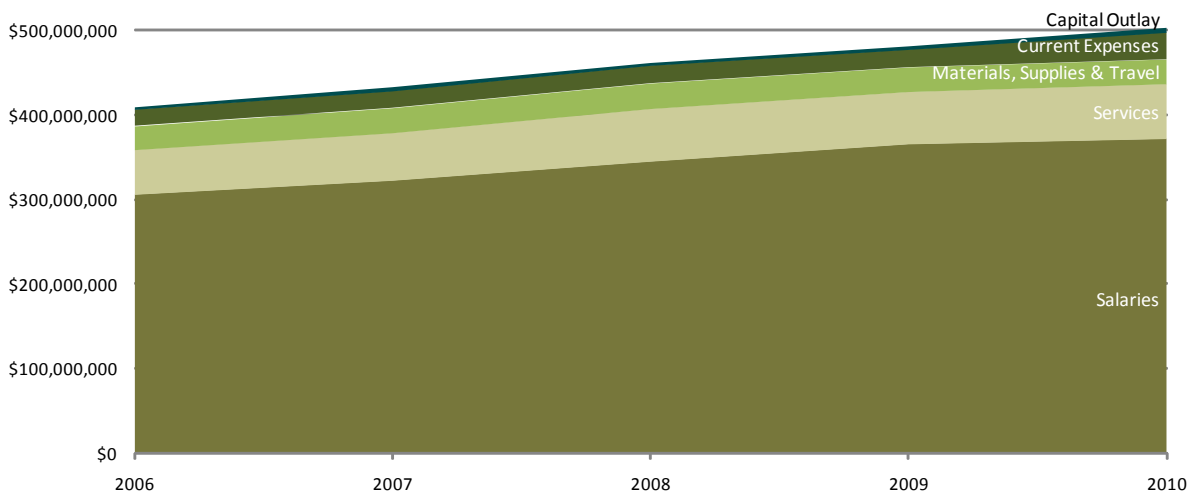
The services categories are defined below:

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 2010 dollars, increased 0.98 percent from fiscal year 2009, 0.90 percent in vocational/technical, and 10.27 percent in general institution

Figure 15-3: Adjusted Unrestricted General Fund Expenditures: 2006-2010



SOURCE: Iowa Department of Education, Unrestricted General Fund AS-15E, Fund 1. See Tables 15-6 through 15-10

functions. Adult Education expenditures decreased 6.11 percent cooperative programs/services declines 16.74 percent, and student services expenditures declined 2.5 percent.

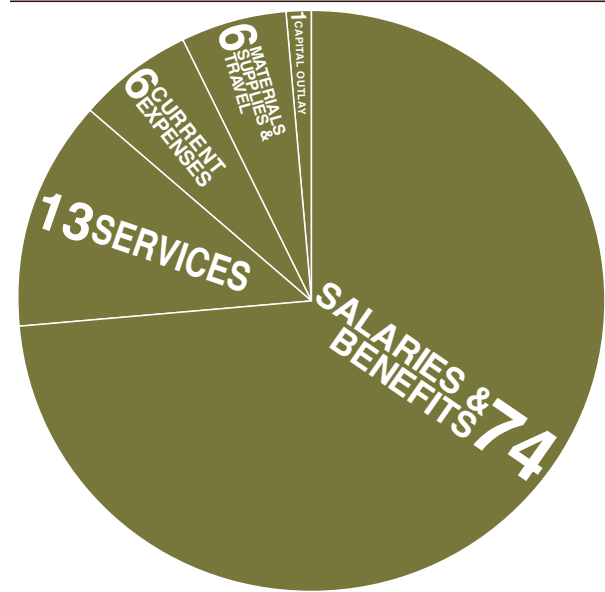
From 2006 through 2010, in 2010 dollars, the arts and sciences function experienced a 17.97 percent (\$18.3 million) increase in expenditures, the vocational/technical function a 8.06 percent (\$9 million) increase, the administration function a 40 percent (\$9.6 million) increase, and student services a 11.35 percent (\$4.3 million) increase. In contrast, adult education expenditures decreased 11.02 percent (\$4.8 million), and learning resources expenditures decreased 5.87 percent (\$793,846) since fiscal year 2006.

The vocational/technical function continues to be the largest source of expenditures in fiscal year 2010 at 23.96 percent. This function is followed by the arts and sciences function at 23.86 percent. The physical plant function was 11.51 percent, the general institution expenses were 13.55 percent, adult education was 7.69 percent, and the administration function was 6.72 percent of the total expenditures in fiscal year 2010.

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.

Figure 15-4: Expenditures by Source: 2010



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.

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

Unrestricted General Fund Revenues vs. Expenditures

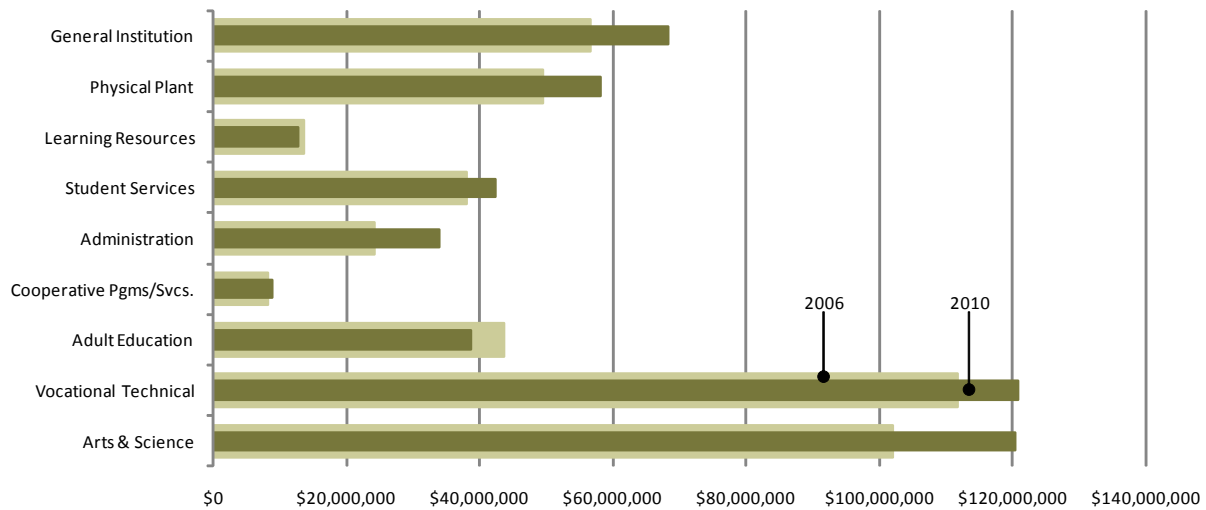
Both revenues and expenditures have increased each year over the last five years. After adjusting for inflation and adjusting each year into 2010 dollars, revenue grew by 3.97 percent from fiscal year 2009 to fiscal year 2010 and expenditures grew by 1.89 percent. Since fiscal year 2006, Unrestricted General Fund revenues have grown 15.82 percent while Unrestricted General Fund expenditures have grown 12.65 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.

FTEE totals have increased overall from fiscal year 2006 through fiscal year 2010 by 15,563.57. The fiscal

Figure 15-5: Adjusted General Fund Expenditures by Function: 2006 and 2010



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.

year 2010 total represented a 13.49 percent increase (12,461.44) from the previous year.

FTEE has decreased 10.22 percent since fiscal year 2006.

State General Aid (SGA)

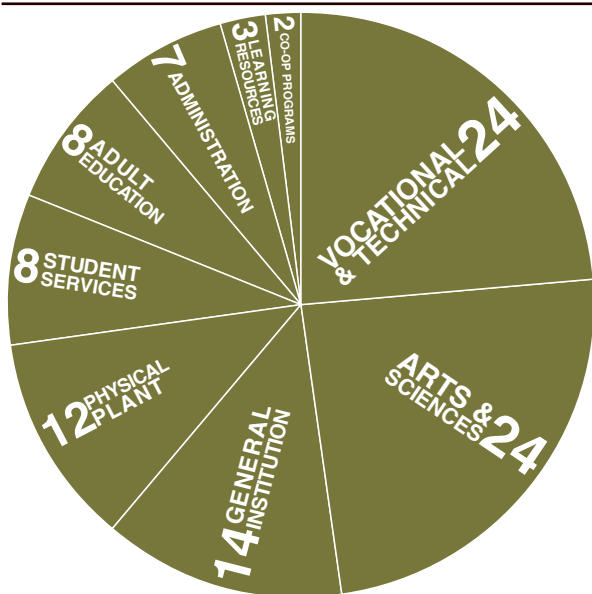
Unrestricted General Fund revenue per FTEE, after adjusting to 2010 dollars, indicates that overall amounts per FTEE have decreased 4.69 percent from FY 2006 through FY 2010. Fiscal year 2010 revenue per FTEE was 8.39 percent less than fiscal year 2009.

The Unrestricted General Fund expenditures per FTEE, after adjusting to 2010 dollars, show that the total per

Unrestricted General Fund Revenue and Expenditure Per FTEE

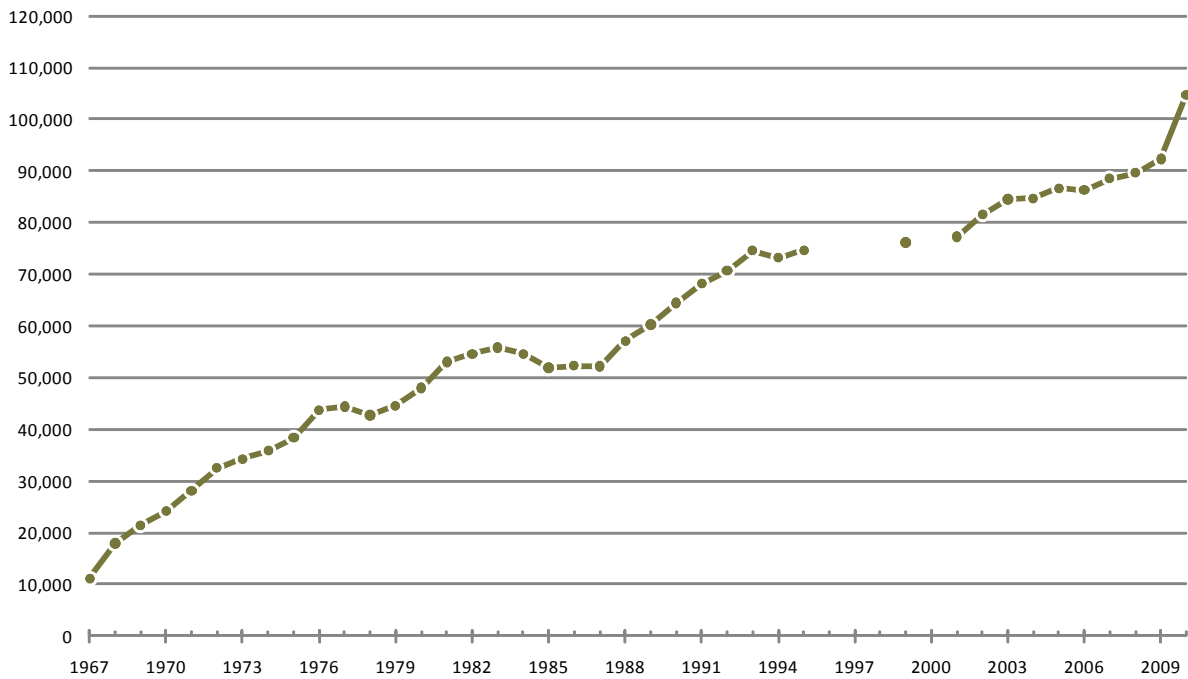
Utilizing SGA information adjusted into 2010 dollars, the SGA amount per FTEE has been steadily declining since 2001. In the past ten years, the amount dropped from \$2,362 per FTEE in 2000 to \$1,419 per FTEE in 2010. This represents a decrease of just under 40 percent during this time. The result is a combination of increasing enrollment at the community colleges as well as a decrease in state general aid funding.

Figure 15-6: Expenditures by Function: 2010



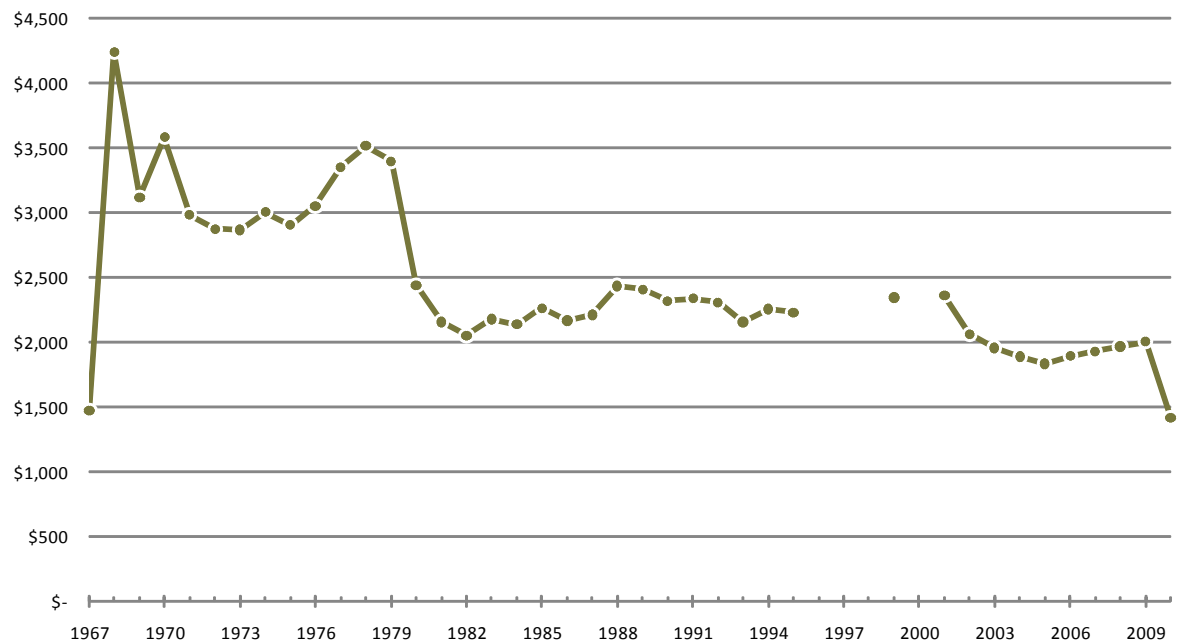
SOURCE: Iowa Department of Education, Bureau of Community College Services, Annual Report, Unrestricted General Fund AS-15E, Fund 1. See Table 15-14.

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.iowa.gov/educate 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: 2006

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	\$11,332,422	\$1,484,209	\$7,237,044	\$811,694	\$1,529,662	\$22,395,031
North Iowa Area	8,371,061	913,012	8,293,881	424,106	2,187,152	20,189,212
Iowa Lakes	8,135,323	706,196	7,673,998	497,091	1,962,211	18,974,819
Northwest	3,679,622	480,078	3,764,072	265,091	876,037	9,064,900
Iowa Central	12,082,925	1,013,663	8,129,369	619,377	1,261,007	23,106,341
Iowa Valley	9,124,618	634,264	7,299,114	275,263	1,756,065	19,089,324
Hawkeye	13,081,205	1,229,104	10,652,239	883,183	1,045,503	26,891,234
Eastern Iowa	14,785,741	1,938,379	13,139,157	1,247,093	2,205,443	33,315,813
Kirkwood	35,812,984	2,985,100	21,321,279	2,451,580	3,720,868	66,291,811
Des Moines Area	34,436,606	5,003,825	22,050,079	1,604,528	7,040,334	70,135,372
Western Iowa Tech	10,797,436	1,074,738	8,684,672	953,355	2,507,605	24,017,806
Iowa Western	13,219,270	1,143,345	8,819,900	529,212	1,290,619	25,002,346
Southwestern	3,559,141	423,838	3,810,283	277,317	785,220	8,855,799
Indian Hills	11,241,012	786,222	11,972,648	908,076	1,645,782	26,553,740
Southeastern	8,264,562	570,323	6,733,160	563,959	671,066	16,803,070
Total	\$197,923,928	\$20,386,296	\$149,580,895	\$12,310,925	\$30,484,574	\$410,686,618

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 15-2: 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 15-6: Expenditures by Category: 2006

College	Salaries	Services	Mats, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	\$19,386,926	\$2,296,556	\$950,388	\$71,216	\$36,003	\$22,741,089
North Iowa Area	14,095,510	3,534,628	1,457,348	811,597	154,245	20,053,328
Iowa Lakes	14,265,589	2,398,656	1,343,829	882,679	80,206	18,970,959
Northwest	6,348,192	1,266,097	623,127	716,173	26,000	8,979,589
Iowa Central	15,818,889	3,331,883	2,051,002	1,554,309	177,314	22,933,397
Iowa Valley	13,678,272	3,352,875	907,943	1,127,002	32,958	19,099,050
Hawkeye	20,312,218	3,282,171	1,989,841	1,104,623	199,950	26,888,803
Eastern Iowa	24,822,243	5,572,927	1,471,970	811,958	416,556	33,095,654
Kirkwood	49,127,831	7,484,586	5,221,330	3,400,501	1,068,682	66,302,930
Des Moines Area	53,540,685	6,549,463	5,622,673	4,033,753	173,744	69,920,318
Western Iowa Tech	17,224,160	3,491,342	1,420,031	1,684,279	133,961	23,953,773
Iowa Western	17,301,788	3,870,515	1,794,157	1,539,304	359,051	24,864,815
Southwestern	6,884,925	1,195,669	558,210	141,372	20,390	8,800,566
Indian Hills	20,825,288	3,378,377	1,575,484	573,377	12,580	26,365,106
Southeastern	12,094,434	2,430,897	989,957	984,521	111,308	16,611,117
Total	\$305,726,950	\$53,436,642	\$27,977,290	\$19,436,664	\$3,002,948	\$409,580,494

Note: Figures rounded to the nearest 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 "I" 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 "1" 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	Matls, 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	1,492,377	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 15-11: Expenditures by Function: 2006

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	\$4,564,583	\$7,580,317	\$2,349,749	\$1,667,610	\$750,693	\$1,507,003	\$400,162	\$1,177,918	\$2,743,054	\$22,741,089
North Iowa Area	5,464,236	3,067,172	3,437,838	59,833	1,374,412	2,553,835	522,759	2,060,096	1,513,147	20,053,328
Iowa Lakes	5,557,073	3,592,770	816,816	1,218,728	914,915	1,344,089	1,061,230	1,529,976	2,935,362	18,970,959
Northwest	924,578	3,380,485	701,671	12,380	634,152	632,854	170,120	625,043	1,898,306	8,979,589
Iowa Central	4,633,285	4,168,651	2,274,521	1,133,772	1,041,850	2,986,787	332,257	2,884,048	3,478,226	22,933,397
Iowa Valley	5,752,888	2,461,079	3,091,211	0	1,220,907	1,914,557	500,042	2,204,545	1,953,821	19,099,050
Hawkeye	5,055,203	7,320,741	2,658,051	0	1,338,496	1,838,386	692,123	2,815,696	5,170,107	26,888,803
Eastern Iowa	8,764,483	6,967,516	3,545,307	783,557	1,557,623	3,263,672	877,966	3,168,571	4,166,959	33,095,654
Kirkwood	17,657,552	16,710,423	7,359,685	431,946	3,503,281	4,187,672	2,922,721	8,965,803	4,563,847	66,302,930
Des Moines Area	16,426,533	20,498,721	5,865,584	234,895	2,881,086	5,210,900	2,519,132	6,960,110	9,323,357	69,920,318
Western Iowa Tech	3,164,122	7,280,141	1,626,658	359,845	1,491,533	1,564,515	312,478	3,507,520	4,646,961	23,953,773
Iowa Western	5,498,158	4,984,760	1,968,902	927,988	1,972,766	2,258,202	282,039	3,774,285	3,197,715	24,864,815
Southwestern	2,202,343	2,055,591	784,473	7,814	790,378	889,880	176,070	1,244,767	649,250	8,800,566
Indian Hills	4,104,300	8,476,928	2,128,538	67,816	1,500,947	2,972,593	966,730	2,937,978	3,209,276	26,365,106
Southeastern	3,569,338	3,793,920	1,262,492	702,001	1,181,583	1,753,107	632,368	1,412,642	2,303,666	16,611,117
Total	\$93,338,675	\$102,339,215	\$39,871,496	\$7,608,185	\$22,154,622	\$34,878,052	\$12,368,197	\$45,268,998	\$51,753,054	\$409,580,494

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 15-12: 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 Pgms/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 "I" 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 Pgms/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 15-16: Full-Time Equivalent Enrollment (FTEE): 2006

College	Credit		Non-Credit		Total FTEE
	Eligible Credit Hours	FTEE	Eligible Credit Hours	FTEE	
Northeast	95,769	3,990.39	355,462	592.44	4,582.83
North Iowa Area	66,246	2,760.25	491,416	819.03	3,579.28
Iowa Lakes	70,472	2,936.33	93,555	155.93	3,092.26
Northwest	26,690	1,112.08	303,289	505.48	1,617.56
Iowa Central	103,484	4,311.83	429,297	715.49	5,027.32
Iowa Valley	61,685	2,570.21	395,311	658.85	3,229.06
Hawkeye	120,959	5,039.96	362,594	604.32	5,644.28
Eastern Iowa	160,349	6,681.19	795,063	1,325.10	8,006.29
Kirkwood	332,694	13,862.25	978,454	1,630.76	15,493.01
Des Moines Area	325,384	13,557.67	1,405,097	2,341.83	15,899.50
Western Iowa Tech	102,455	4,268.96	368,555	614.26	4,883.22
Iowa Western	109,567	4,565.27	464,212	773.69	5,338.96
Southwestern	29,500	1,229.15	205,218	342.03	1,571.18
Indian Hills	100,558	4,189.92	361,174	601.96	4,791.88
Southeastern	75,217	3,134.04	213,857	356.43	3,490.47
Total	1,781,027	74,209.50	7,222,551	12,037.60	86,247.10

NOTE: Each “|” denotes 10,000 students.

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

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 "I" 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.

16

HUMAN RESOURCES

During fiscal year 2010, Iowa community colleges had 13,570 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 14,403 positions reported in 2010. The MIS data does not include employees teaching only noncredit courses for community colleges.

While the total number of employees increased by 6.3 percent from 2009, the professional composition of community college employees remained relatively the same for the past six years. The largest group was instructional (47.4%), followed by professional (23.2%), secretarial and clerical (17.8%), service (10.7%), and administrative (1.0%). Before 2005, secretarial and clerical staff outnumbered professional staff (Figure 16-1).

The distribution by the type of employment also demonstrated relative stability throughout 11 years since the tracking began. Full-time employment was

COMMUNITY COLLEGE EMPLOYEES

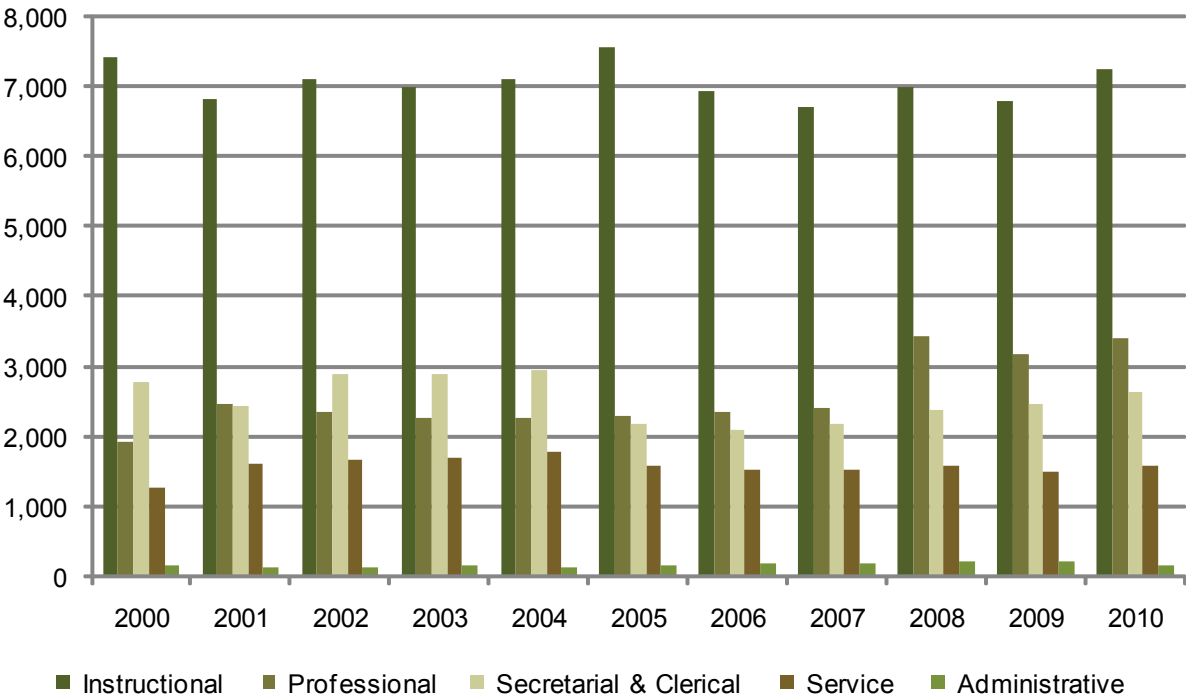
NUMBER OF EMPLOYEES:	CHANGE SINCE LAST YEAR:
13,570	↑ 6.3%
FACULTY, POSITIONS:	FACULTY, OF ALL EMPLOYEES:
6,829	47%
<small>Down 0.9% since 2009</small>	<small>Down 0.6% since 2009</small>

prevalent, with over 36 percent of all employment in 2010. Adjuncts presented only 34 percent of all staff in 2010, while in 2008 their number was close to that of full-time employees, and even outpaced them in 2005. Numbers for temporary/seasonal staff demonstrated dramatic change in 2008, from 542 to 1,990 employees — a 353 percent increase, and has continued to grow to 2,439 in 2010 (Figure 16-2).

Employees Education and Demographics

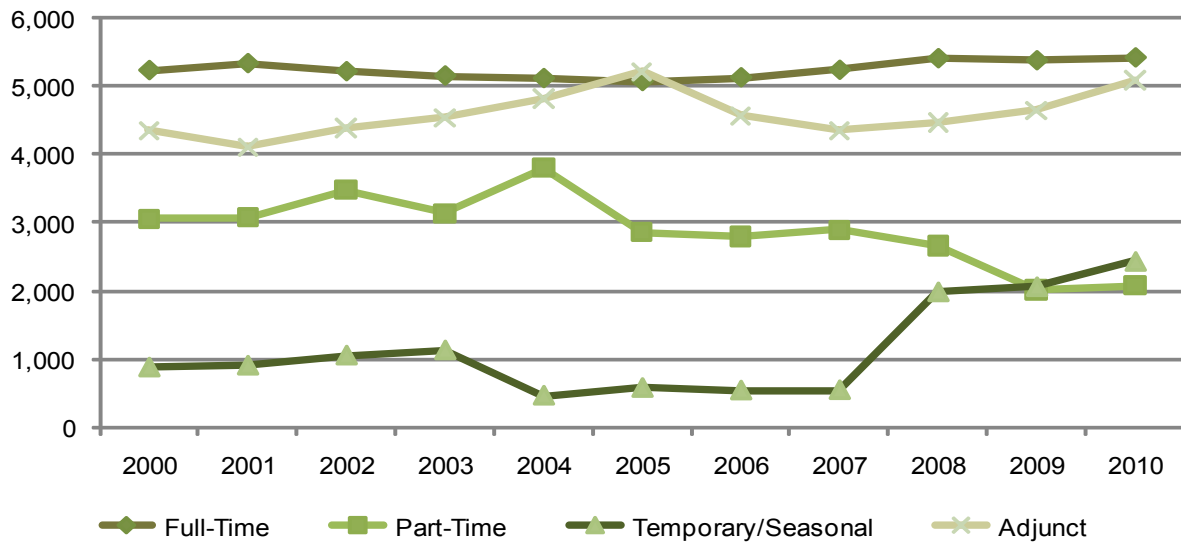
Iowa community college instructors and administrators have continuously improved their education. The number of instructors and administrators with doctoral

Figure 16-1: Iowa Community Colleges Employees by Position Type: 2000-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 16-1.

Figure 16-2: Employment by Type: 2000-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 16-1.

degrees demonstrated a steady growth between 2004 and 2010, from 201 to 235 (14%). 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. The number of bachelor's degree instructors and administrators declined, while the number of associate's degree holders grew slowly between 2005 and 2010. (Figure 16-3).

A typical community college instructor, as with prior years, was female, 52.5 years of age, and white. The percent of racial/ethnic minorities grew between 2009 and 2010 from 6.1 to 6.7, and the 11-year comparison demonstrated a steady increase in the number of racial/ethnic minorities among Iowa community colleges employees. The average growth between 2000 and 2010 was 6.3 percent (Figure 16-4).

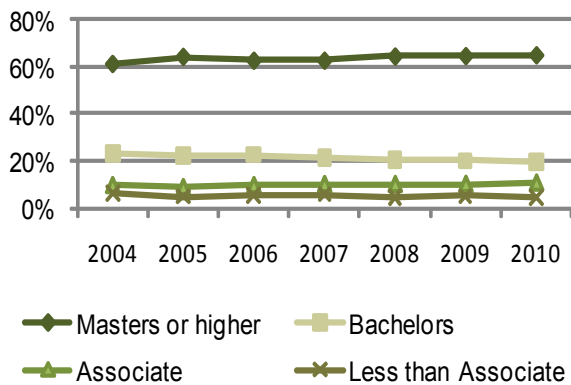
The distribution within the racial minorities was not as linear. While the percentage of American Indians

remained relatively stable throughout 11 years of reporting, Asians demonstrated increases and declines, and both Hispanics and blacks showed steady growth: in 11 years, their numbers more than doubled. Blacks represented the largest racial minority group of employees (44.5 percent of all racial minorities), as well as the fastest growth, 8.6 percent between 2000 and 2010, outpacing Hispanics for the first time since 2000; Hispanics grew 8.5 percent between the same years (Figure 16-5).

Gender composition of Iowa community colleges employees remained stable. In 2000, the females composed close to 58 percent, and in 2010 they were 58.6 percent of all employees (Figure 16-6).

In 2010, the age distribution of Iowa community colleges employees presented a wide palette of groups, from teen years to early eighties. The largest groups were among those between 19-20 and 50-59, peaking at

Figure 16-3: Instructors and Administrators Degrees



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, for the latest five years, see Tables 16-2 and 16.3.

TYPICAL COMMUNITY COLLEGE INSTRUCTOR

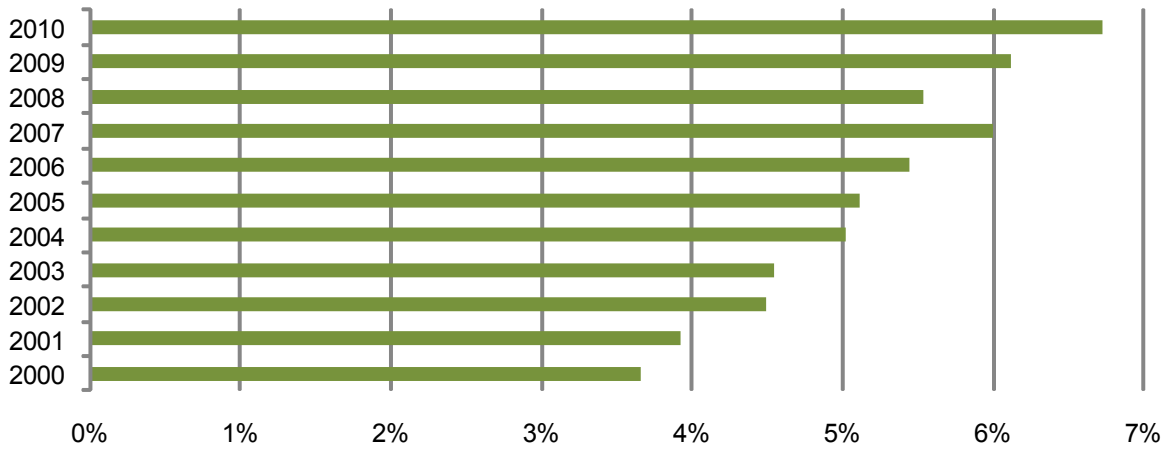
RACE:
CAUCASIAN
93 percent

GENDER:
FEMALE
55 percent

AGE:
BABY BOOMER
Mean age: 52 years-old

EDUCATION:
POSTGRAD
65 percent with Masters or higher

Figure 16-4: Percent of Racial Minorities Among Employees: 2000-2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Tables 16-23 through 16-27 for five years of data.

56. The average age of community college employees was 45 years old, and the median age was 50.5 years-old (Figure 16-7).

Distributed among seven age groups, from under 17 to over 55, the largest group of employees in 2010 was between 40-55 years old. The fastest growing group, however, was over 55 years old. From 2006 to 2010, that group grew 7.9 percent on average (Table 16-23).

The largest group of community college administrators was between 51 and 55 years old. The average age of administrators was 53.6 years old and the median age was 51.5 years old (Figure 16-8).

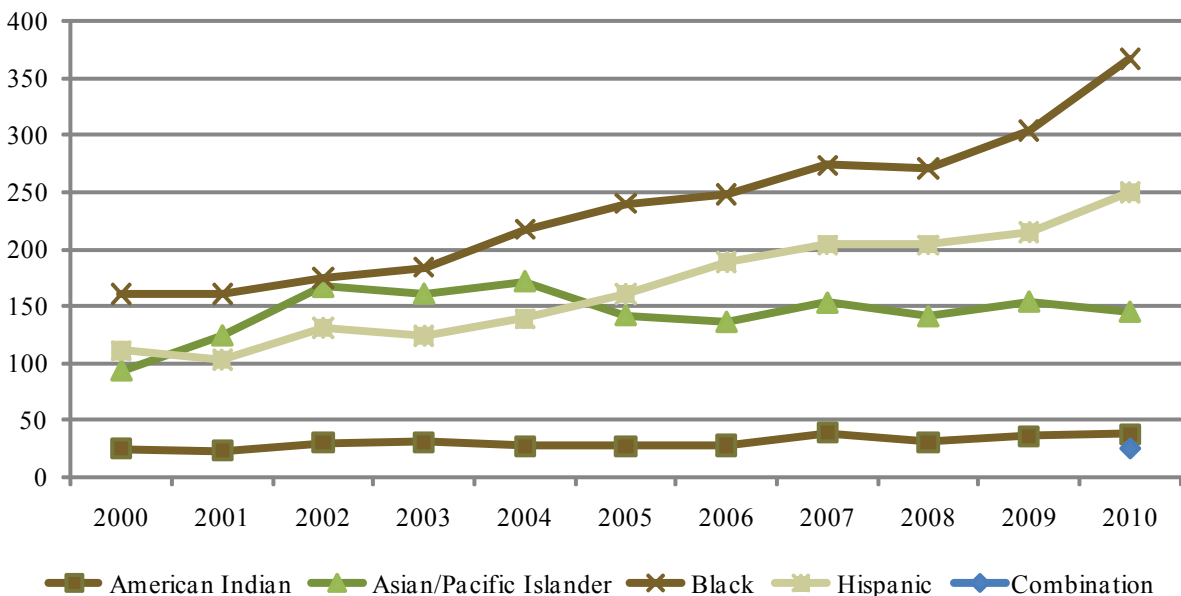
Iowa community college full-time instructional staff was presented by all ages between 24 and 73. The largest group was between 54 and 58. The average age of community college full-time instructors was 49.6

years old and the median age was 48.5 (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 community college full-time faculty in the same age group was smaller than the nationwide number — 65.6 percent in 2010. The average age of Iowa community college full-time faculty increased from 48.3 in 2009 to 49.6 in 2010, continuing the trend since 2004. The median age has dropped from 49.1 to 48.5 (Figure 16-9).

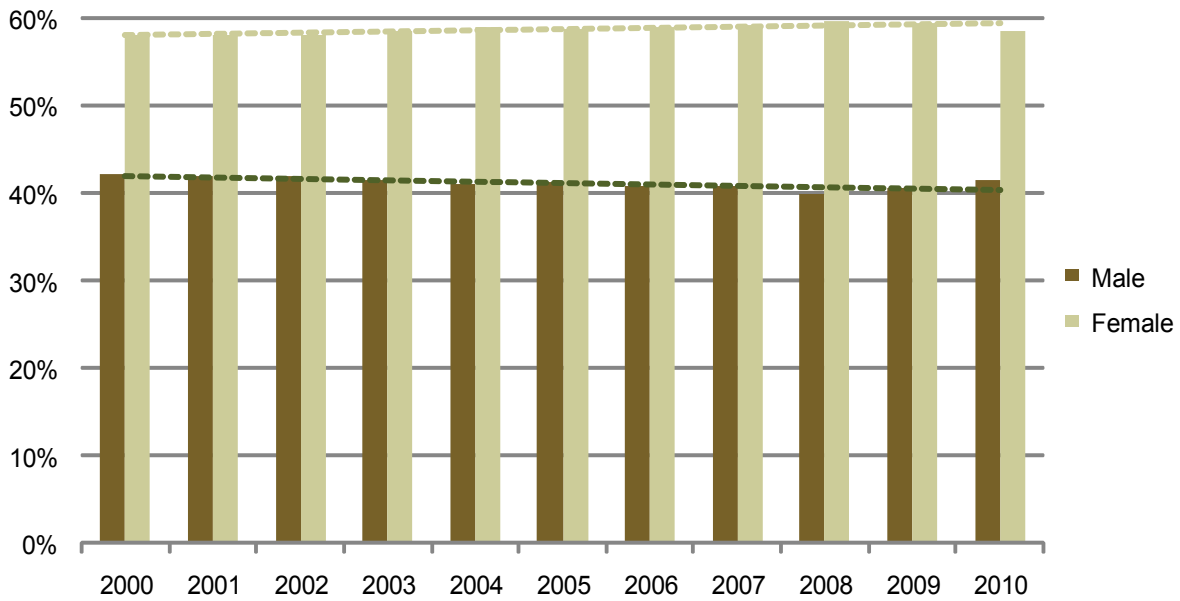
The average base salary based on a nine-month contract for full-time instructional employees reported by community colleges increased from \$52,801 in fiscal year 2009 to \$53,147 in fiscal year 2010. The average increase of full-time instructional staff salaries since

Figure 16-5: Distribution of Racial/Ethnic Minorities Among Employees: 2000-2010



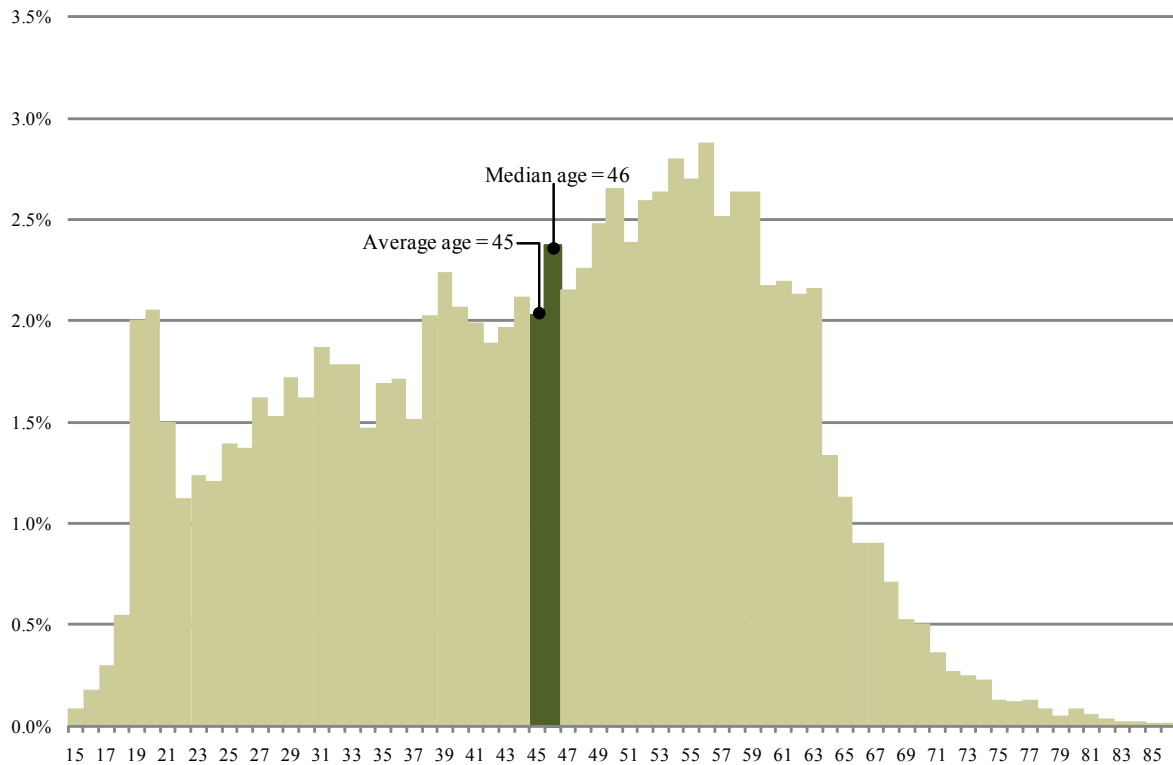
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 16-5 and Tables 16-23 through 16-27 for five years of data. “Combination” as a category was introduced in 2010.

Figure 16-6: Gender Distribution of Employees: 2000-2010.



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 16-28 for the latest five years.

Figure 16-7: Age of Community College Employees: 2010

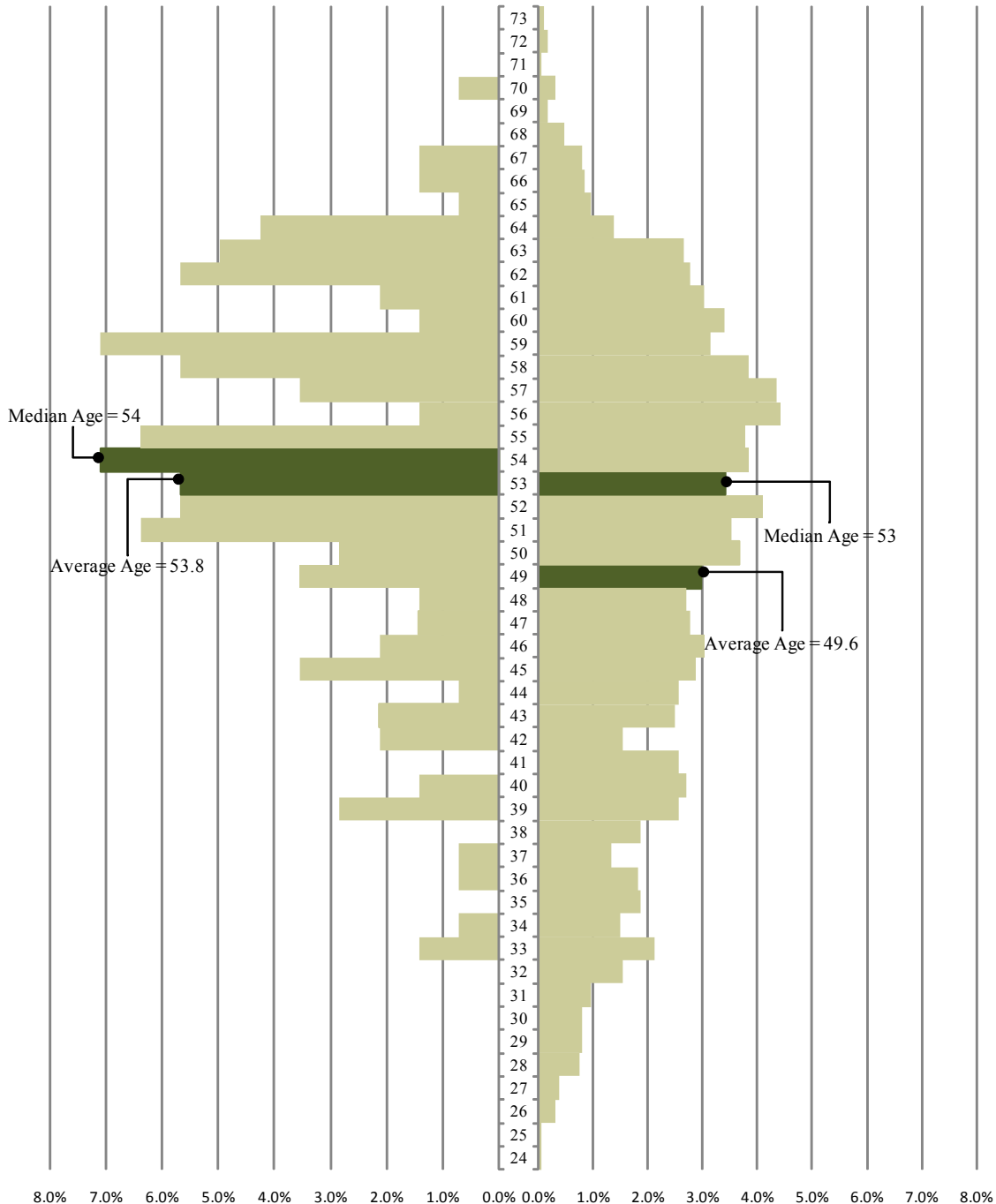


SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Table 16-4 and Tables 16-18 through 16-22 for the latest five years.

2001 was 3.4 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, classification systems, and contract periods). For example, the National Center for Educational Statistics published \$61,065 as an average salary of full time instructors based on nine month contracts in fiscal

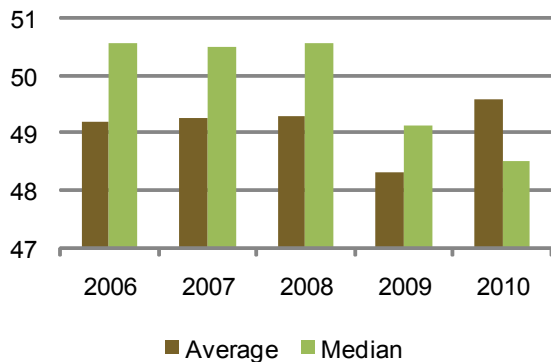
year 2010. The *Chronicle of Higher Education Almanac* publishes annual numbers for colleges nationwide and by state. According to those numbers, Iowa community college instructors were paid on average 92.1 percent of the national average salary for two-year public institutions in fiscal year 2009 (latest available data). Based on the data from 1996 through 2009, the average salary

Figure 16-9: Distribution of Administrators (Left) and Instructors (Right) by Age: 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS, see Tables 16-18 through 16-22 for the latest five years.

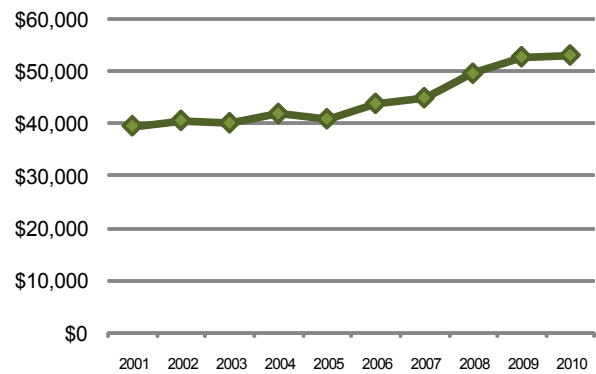
Figure 16-10: Average and Median Age of Full-Time Instructors: 2006-2010



■ Average ■ Median
 SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, see Tables 16-18 through 16-22 for the latest five years.

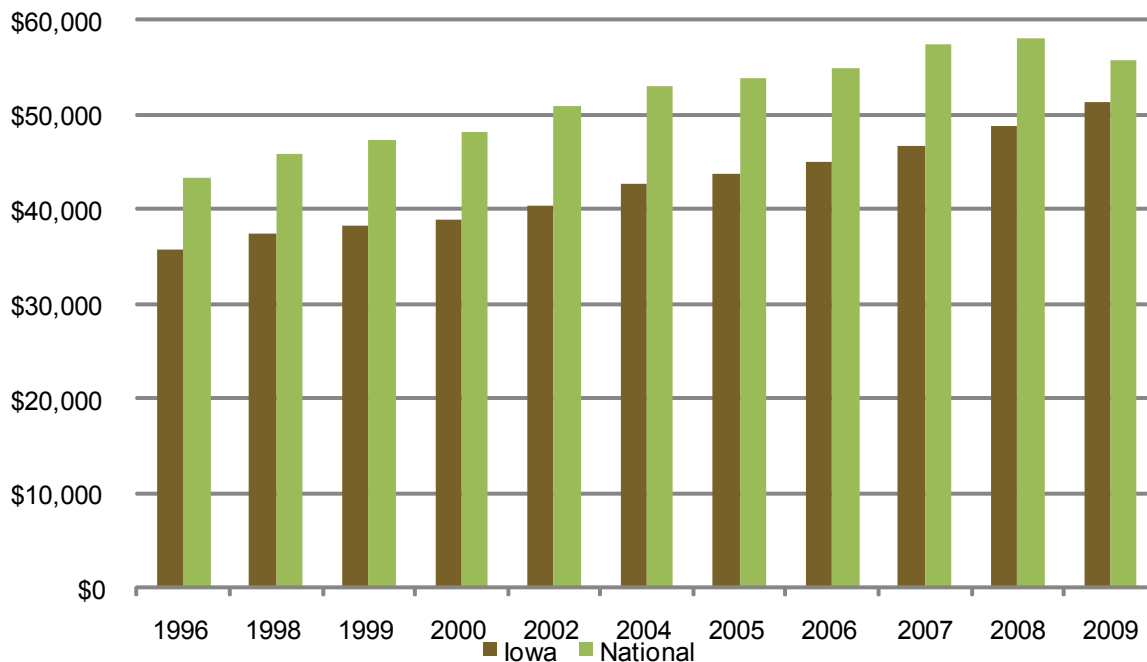
steadily increased for Iowa full-time community college instructors; in 2009, the increase was 3.7 percent, while the average salary increase nationally was only 2.6 percent. For the first time since 1996, the national salary declined in 2009 below the level of 2007 (Figure 16-12).

Figure 16-11: Average Base Salary of Full-Time Instructors: 2001-2009



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Table 16-6.

Figure 16-12: Comparison of Iowa and National Salaries Average Full-Time Faculty Members: 1996-2009



NOTE: Before 2004, Chronicle of Higher Education Almanac published the data every other year. SOURCE: *The Chronicle of Higher Education Almanac* Issues 1998 through 2010. See Table 16-7.

Table 16-1: Employees by Position: 2006—2010

Fiscal Year	Employment Type	Secretarial & Clerical				Total
		Administrative	Instructional	Professional	Service	
2006	Full-Time	175	1,966	1,635	910	5,125
	Part-Time	0	389	679	939	2,793
	Temp./Seasonal	1	31	12	216	537
	Adjunct	0	4,545	6	15	4,569
Total		176	6,931	2,332	2,080	13,024
2007	Full-Time	185	1,964	1,707	943	5,237
	Part-Time	3	404	678	1,019	2,897
	Temp./Seasonal	0	18	19	216	542
	Adjunct	0	4,325	11	8	4,350
Total		188	6,711	2,415	2,186	13,026
2008	Full-Time	198	1,909	1,927	938	5,411
	Part-Time	1	228	812	1,067	2,664
	Temp./Seasonal	0	417	661	348	1,990
	Adjunct	0	4,427	18	16	4,469
Total		199	6,981	3,418	2,369	14,534
2009	Full-Time	192	1,919	1,913	933	5,380
	Part-Time	2	155	550	759	2,019
	Temp./Seasonal	1	110	694	744	2,066
	Adjunct	0	4,609	21	14	4,652
Total		195	6,793	3,178	2,450	14,117
2010	Full-Time	137	1,920	1,993	932	5,424
	Part-Time	7	164	630	609	2,080
	Temp./Seasonal	1	99	782	1,101	2,439
	Adjunct	0	5,079	8	1	5,088
Total		145	7,262	3,413	2,643	15,031

Note: Each "1" denotes 300 positions. Individuals may be employed in a number of positions at a community college. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-2: Degrees for Instructors: 2006—2010

Degree	2006	2007	2008	2009	2010
Doctorate	166	168	179	179	188
Ed. Special	16	14	15	15	14
Masters	998	1,022	1,010	1,038	1,034
Bachelors	432	424	380	386	379
Associate	199	208	208	214	219
Diploma	56	60	54	58	51
Certificate	16	22	16	19	22
High School	37	36	28	28	25
Non-Graduate	1	2	3	3	2
Not Provided	45	61	13	23	38
Total	1,966 	1,994 	1,906 	1,963 	1,972

Note: Each “|” denotes 100 individuals. Total 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 and Workforce Preparation, Community College MIS.

Table 16-3: Degrees for Administrators: 2006—2010

Degree	2006	2007	2008	2009	2010
Doctorate	34	34	47	48	47
Ed. Special	8	7	5	5	5
Masters	85	62	84	89	54
Bachelors	39	25	51	43	28
Associate	0	1	2	4	1
Diploma	0	1	0	0	0
Certificate	0	0	0	0	0
High School	0	0	0		
Non-Graduate	0	1	0	0	0
Not Provided	9	55	8	1	2
Total	175 	186 	198 	193 	137

Note: Each “|” denotes 10 individuals. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-4: Employees by Age: 2006—2010

Fiscal Year	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Total
2006	32	884	584	714	1,968	4,938	2,723	24	11,867
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

Note: Each "I" denotes 100 employees. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-5: Employees by Race/Ethnicity: 2006—2010

Fiscal Year	American Indian	Asian/ Pacific Islander	Black	Hispanic	White	More than one race	No Response	Total
2006	28	136	248	189	10,446	820	820	11,867
2007	39	153	274	204	10,501	780	780	11,951
2008	31	141	271	204	11,033	996	996	12,676
2009	36	154	304	215	10,877	1,124	1,124	12,676
2010	38	145	367	250	11,450	25	1,545	13,820

Note: Each "I" 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 and Workforce Preparation, Community College MIS.

Table 16-6: Base Salary for Instructors: 2006—2010

Fiscal Year	Full-Time Instructional Positions	Average Base Salary
2006	1,966	43,789
2007	1,964	44,876
2008	1,909	49,606
2009	1,846	52,801
2010	1,822	53,147

Note: Each “I” denotes \$1,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation,, Community College MIS.

Table 16-7: Iowa and National Wages for Instructors: 1996—2009

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	48,911	58,175

Note: Data in The Chronicle of Higher Education Almanac issue was repeated in fiscal year 1999, 2001, and 2004. Each “I” denotes \$1,000. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-8: Degrees for Administrators: 2006

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	2	0	7	0	0	0	0	0	0	0	9	5%
North Iowa Area	1	1	2	0	0	0	0	0	0	0	4	2%
Iowa Lakes	0	0	5	1	0	0	0	0	0	4	10	6%
Northwest	3	0	3	1	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	3	0	0	0	0	0	0	6	3%
Hawkeye	1	1	1	2	0	0	0	0	0	0	5	3%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	5%
Kirkwood	3	0	32	22	0	0	0	0	0	4	61	35%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	8%
Western Iowa Tech	3	1	4	1	0	0	0	0	0	0	9	5%
Iowa Western	2	0	2	1	0	0	0	0	0	0	5	3%
Southwestern	1	1	0	2	0	0	0	0	0	0	4	2%
Indian Hills	3	3	7	3	0	0	0	0	0	0	16	9%
Southeastern	2	0	8	1	0	0	0	0	0	0	11	6%
Total	34	8	85	39	0	0	0	0	0	9	175	100%
Percent	19%	5%	49%	22%	0%	0%	0%	0%	0%	5%	100%	

SOURCE: Iowa Department of Education, BDivision of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-9: Degrees for Administrators: 2007

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Percent
										Provided	Total	
Northeast	2	0	5	0	0	1	0	0	0	0	0	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%	100%

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

Table 16-10: Degrees for Administrators: 2008

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	3	0	6	0	0	0	0	1	0	0	10	5%
North Iowa Area	3	0	0	1	0	0	0	0	0	0	4	2%
Iowa Lakes	0	0	5	1	0	0	0	0	0	2	8	4%
Northwest	4	0	3	2	0	0	0	0	0	3	12	6%
Iowa Central	1	0	3	2	0	0	0	0	0	0	6	3%
Iowa Valley	2	0	4	1	0	0	0	0	0	1	8	4%
Hawkeye	4	1	2	2	0	0	0	0	0	0	9	5%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	5%
Kirkwood	6	0	36	30	1	0	0	0	0	2	75	38%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	7%
Western Iowa Tech	4	0	5	1	0	0	0	0	0	0	10	5%
Iowa Western	2	0	1	2	0	0	0	0	0	0	5	3%
Southwestern	2	0	0	2	0	0	0	0	0	0	4	2%
Indian Hills	3	3	4	3	1	0	0	0	0	0	14	7%
Southeastern	3	0	5	2	0	0	0	0	0	0	10	5%
Total	47	5	84	51	2	0	0	0	0	8	198	100%
Percent	24%	3%	42%	26%	1%	0%	0%	0%	0%	4%	100%	100%

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

Table 16-11: Degrees for Administrators: 2009

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	4	0	5	0	0	0	0	1	0	0	10	5%
North Iowa Area	3	0	0	1	0	0	0	0	0	0	4	2%
Iowa Lakes	1	0	8	2	2	0	0	0	0	1	14	7%
Northwest	4	0	1	3	0	0	0	0	0	0	8	4%
Iowa Central	1	0	2	2	0	0	0	1	0	0	6	3%
Iowa Valley	4	0	3	1	0	0	0	0	0	0	8	4%
Hawkeye	2	1	2	1	0	0	0	0	0	0	6	3%
Eastern Iowa	5	0	5	0	0	0	0	0	0	0	10	5%
Kirkwood	6	0	42	21	1	0	0	1	0	0	71	37%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	7%
Western Iowa Tech	4	0	4	1	0	0	0	0	0	0	9	5%
Iowa Western	2	0	2	2	0	0	0	0	0	0	6	3%
Southwestern	1	0	1	2	0	0	0	0	0	0	4	2%
Indian Hills	3	3	4	3	1	0	0	0	0	0	14	7%
Southeastern	3	0	4	2	0	0	0	0	0	0	9	5%
Total	48	5	89	43	4	0	0	0	0	1	193	100%
Percent	25%	3%	46%	22%	2%	0%	0%	0%	0%	1%	100%	

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

Table 16-12: 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 and Workforce Preparation, Community College MIS.

Table 16-13: Degrees for Instructors: 2006

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Total	Percent
										Provided	Provided		
Northeast	8	0	69	31	4	11	0	2	0	5	130	7%	
North Iowa Area	7	0	59	12	3	0	1	2	0	0	84	4%	
Iowa Lakes	2	2	43	19	9	4	0	0	0	21	100	5%	
Northwest	0	0	13	9	10	6	1	1	0	0	40	2%	
Iowa Central	1	0	46	15	11	0	1	2	0	1	77	4%	
Iowa Valley	8	0	52	15	5	1	1	1	0	0	83	4%	
Hawkeye	12	0	64	26	17	5	0	0	0	5	129	7%	
Eastern Iowa	20	2	105	59	22	1	5	17	0	0	231	12%	
Kirkwood	40	4	143	55	26	1	0	0	0	10	279	14%	
Des Moines Area	35	3	149	68	33	8	4	4	0	0	304	15%	
Western Iowa Tech	8	4	42	22	14	3	0	5	1	0	99	5%	
Iowa Western	7	0	65	38	12	6	1	0	0	0	129	7%	
Southwestern	3	0	34	9	3	2	0	1	0	1	53	3%	
Indian Hills	7	1	67	38	23	4	2	2	0	0	144	7%	
Southeastern	8	0	47	16	7	4	0	0	0	2	84	4%	
Total	166	16	998	432	199	56	16	37	1	45	1,966	100%	
Percent	8%	1%	51%	22%	10%	3%	1%	2%	0%	2%	100%		

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

Table 16-14: 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, BDivision of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-15: Degrees for Instructors: 2008

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Total	Percent
										Provided	Not Provided		
Northeast	5	0	65	24	12	3	0	2	0	0	0	111	6%
North Iowa Area	7	0	54	13	5	0	1	2	0	0	0	82	4%
Iowa Lakes	4	2	50	22	11	5	0	0	0	9	9	103	5%
Northwest	0	0	16	9	12	5	1	1	0	1	1	45	2%
Iowa Central	4	0	54	16	11	1	1	6	0	0	0	93	5%
Iowa Valley	10	0	58	7	8	0	0	2	0	0	0	85	4%
Hawkeye	11	0	64	26	14	5	1	3	0	0	0	124	7%
Eastern Iowa	21	1	90	22	12	1	1	3	0	0	0	151	8%
Kirkwood	39	4	140	54	29	10	0	0	0	0	0	276	14%
Des Moines Area	42	2	167	68	39	6	4	4	0	1	1	333	17%
Western Iowa Tech	8	3	41	16	15	2	0	4	1	0	0	90	5%
Iowa Western	10	2	72	40	12	4	1	0	1	0	0	142	7%
Southwestern	2	0	36	9	1	3	1	1	1	2	2	56	3%
Indian Hills	9	1	53	37	19	5	3	0	0	0	0	127	7%
Southeastern	7	0	50	17	8	4	2	0	0	0	0	88	5%
Total	179	15	1,010	380	208	54	16	28	3	13	13	1,906	100%
Percent	9%	1%	53%	20%	11%	3%	1%	1%	0%	1%	1%	100%	100%

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

Table 16-16: Degrees for Instructors: 2009

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	7	0	64	21	13	3	0	2	0	0	110	6%
North Iowa Area	7	0	59	14	5	0	2	2	0	3	92	5%
Iowa Lakes	3	2	56	25	8	5	0	0	0	10	109	6%
Northwest	0	0	16	9	11	6	1	1	0	0	44	2%
Iowa Central	4	0	48	14	13	1	1	5	0	4	90	5%
Iowa Valley	8	0	57	11	9	0	0	2	0	0	87	4%
Hawkeye	12	0	63	24	16	7	0	3	0	0	125	6%
Eastern Iowa	22	1	94	22	14	1	1	4	0	0	159	8%
Kirkwood	42	4	149	56	27	9	0	0	0	0	287	15%
Des Moines Area	38	2	168	68	40	7	5	3	0	1	332	17%
Western Iowa Tech	7	3	44	19	14	2	0	3	1	1	94	5%
Iowa Western	10	2	72	37	13	5	3	0	1	1	144	7%
Southwestern	2	0	38	7	1	3	1	1	1	3	57	3%
Indian Hills	10	1	61	42	21	5	2	2	0	0	144	7%
Southeastern	7	0	49	17	9	4	3	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%	100%	

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

Table 16-17: Degrees for Instructors: 2010

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not		Total	Percent
										Provided	Provided		
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 and Workforce Preparation, Community College MIS.

Table 16-18: Employees by Age and College: 2006

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over-55	No Response	Total	% of Total
Northeast	0	40	42	36	113	347	170	3	751	6%
North Iowa Area	0	1	7	16	40	143	98	0	305	3%
Iowa Lakes	1	17	27	26	72	233	143	8	527	4%
Northwest	1	2	8	16	37	91	48	4	207	2%
Iowa Central	2	147	54	48	119	249	158	0	777	7%
Iowa Valley	2	30	28	28	92	225	114	0	519	4%
Hawkeye	0	6	26	47	129	293	185	0	686	6%
Eastern Iowa	4	10	34	60	149	478	278	0	1,013	9%
Kirkwood	4	57	75	95	306	764	361	6	1,668	14%
Des Moines Area	8	161	128	137	370	838	580	0	2,222	19%
Western Iowa Tech	0	7	13	46	132	334	181	3	716	6%
Iowa Western	8	225	70	77	162	321	131	0	994	8%
Southwestern	1	6	19	13	52	115	62	0	268	2%
Indian Hills	1	173	36	46	124	320	116	0	816	7%
Southeastern	0	2	17	23	71	187	98	0	398	3%
Total	32	884	584	714	1,968	4,938	2,723	24	11,867	100%
% of Total	0%	7%	5%	6%	17%	42%	23%	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 and Workforce Preparation, Community College MIS.

Table 16-19: Employees by Age and College: 2007

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	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 and Workforce Preparation, Community College MIS.

Table 16-20: Employees by Age and College: 2008

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	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 and Workforce Preparation, Community College MIS.

Table 16-21: 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 and Workforce Preparation, Community College MIS.

Table 16-22: 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, BDivision of Community Colleges and Workforce Preparation, Community College MIS.

Table 16-23: Employees by Race/Ethnicity and College: 2006

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	0	2	6	6	736	1	751	6%
North Iowa Area	0	0	1	0	299	5	305	3%
Iowa Lakes	1	2	1	1	485	37	527	4%
Northwest	0	1	0	0	205	1	207	2%
Iowa Central	1	10	10	17	735	4	777	7%
Iowa Valley	2	6	4	22	483	2	519	4%
Hawkeye	3	8	29	5	623	18	686	6%
Eastern Iowa	7	11	45	28	918	4	1,013	9%
Kirkwood	5	17	26	27	1,427	166	1,668	14%
Des Moines Area	6	52	79	33	1,929	123	2,222	19%
Western Iowa Tech	1	9	5	13	630	58	716	6%
Iowa Western	2	12	29	8	591	352	994	8%
Southwestern	0	0	0	1	267	0	268	2%
Indian Hills	0	5	8	25	776	2	816	7%
Southeastern	0	1	5	3	342	47	398	3%
Total	28	136	248	189	10,446	820	11,867	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 and Workforce Preparation, Community College MIS.

Table 16-24: 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 and Workforce Preparation, Community College MIS.

Table 16-25: 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 and Workforce Preparation, Community College MIS.

Table 16-26: 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 and Workforce Preparation, Community College MIS.

Table 16-27: Employees by Race/Ethnicity and College: 2010

College	American Indian				Asian/Pacific Islander		Black	Hispanic	White	More than one race		No Response	Total	% of Total
	Indian	Asian	Pacific	Islander	one	race								
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 and Workforce Preparation, Community College MIS. "More than one" race reporting started in 2010.

Table 16-28: Employees by Gender and College: 2006—2010

College	2006		2007		2008		2009		2010	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	212	539	190	533	232	599	177	504	237	569
North Iowa Area	149	156	172	179	158	227	274	314	239	283
Iowa Lakes	170	339	170	329	224	402	210	420	219	432
Northwest	85	122	106	157	110	148	101	158	107	164
Iowa Central	379	398	418	416	433	446	446	445	492	450
Iowa Valley	194	325	204	341	294	444	290	440	271	438
Hawkeye	292	393	286	378	235	376	233	348	250	392
Eastern Iowa	382	631	361	636	347	617	348	588	382	623
Kirkwood	670	998	661	995	675	1,002	733	1,032	1,025	1,282
Des Moines Area	1,028	1,194	1,041	1,269	974	1,186	971	1,190	1,003	1,247
Western Iowa Tech	305	411	260	355	311	446	281	405	258	363
Iowa Western	396	598	437	633	436	687	448	647	521	668
Southwestern	111	157	123	172	114	167	104	179	107	177
Indian Hills	316	500	327	497	342	524	331	516	303	497
Southeastern	150	248	158	285	166	296	169	323	187	344
Total	4,839	7,009	4,914	7,175	5,051	7,567	5,116	7,509	5,601	7,929

Note: Each "||" denotes 100 employees. Unknowns were not included in the table. Unknowns in fiscal year fiscal year 2006, 19 (0.16%); fiscal year 2007, 21 (0.17%); fiscal year 2008, 58 (0.9%); fiscal year 2009, 85 (0.7%); fiscal year 2010, 40 (0.3%). Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS.

17

SPECIAL SUPPLEMENT: HIGH SCHOOL GRADUATES IN COMMUNITY COLLEGES

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 uses Iowa’s statewide longitudinal data system’s (SLDS) unique student identifier to describe students that graduate from high school and immediately enroll in an Iowa community college the following fall. Public high school graduates from spring 2009 were tracked through fall 2010 into community colleges.

Thirty percent of spring 2009 public high school graduates enrolled in Iowa’s community colleges the following fall. The remaining 70 percent of students either did not immediately continue in higher education or chose to enroll in higher education elsewhere. As a result, eight percent of fall community college enrollment was comprised of immediate enrollees.

Subsequent analysis in this section shows that immediate

IMMEDIATE ENROLLMENT AFTER HIGH SCHOOL

30%

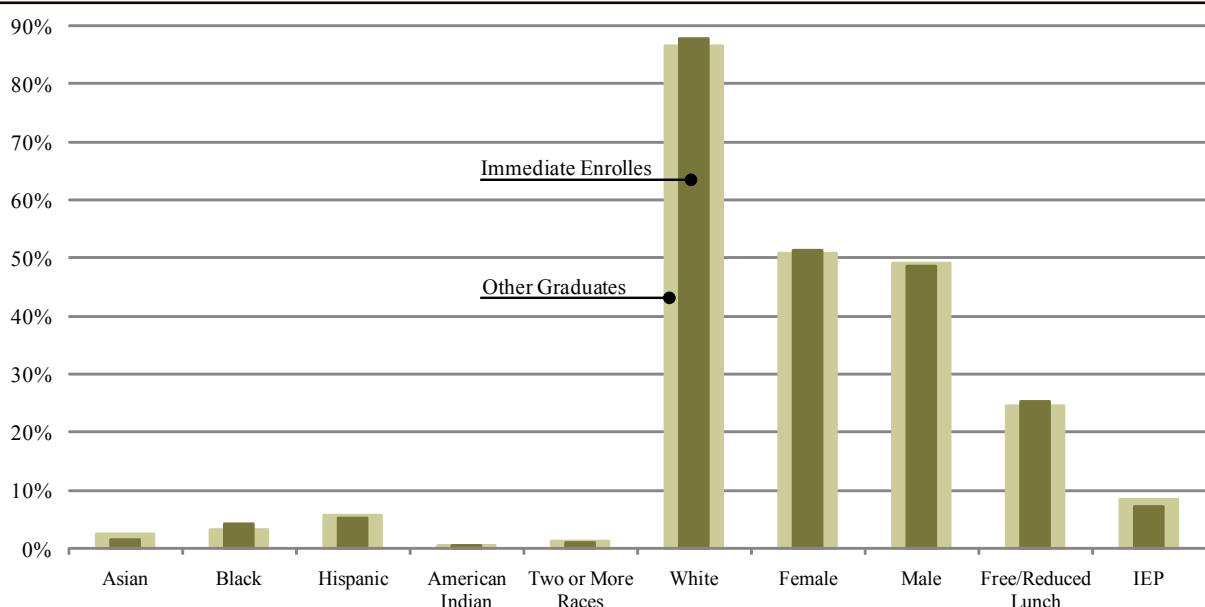
IMMEDIATELY ENROLLED IN AN IOWA COMMUNITY COLLEGE THE FALL AFTER GRADUATING HIGH SCHOOL THE PREVIOUS SPRING

enrollees are demographically similar to other graduates from the spring 2009 cohort.

Figure 17-1 shows the demographic characteristics of students who did immediately enroll in community colleges and those who did not. The demographic composition of students who did decide to continue at a community college is similar to students that did not. Males and females each comprise about half of students who immediately enroll. Students were also predominately white, comprising 88 percent of the student body. The data also shows that students who immediately enrolled seemed to be less likely to be Asian, Hispanic, and of two or more races, but these differences were not statistically significant (Table 17-2).

Immediate enrollees were more likely to have participated in a free or reduced lunch program in their

Figure 17-3: Sociodemographics of Immediate Enrollees for Spring 2009 Graduates



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development and the Bureau of Planning, Research, and Evaluation. Cohort of 2009 spring high school graduates tracked into fall 2009 community college enrollment. See Table 17-2 & 17-3.

senior year than other graduates. Families earning below 130 percent of poverty level are eligible for free lunches while families earning between 130 and 85 percent of poverty level are eligible for reduced lunch prices.

However, immediate enrollees were less likely to be on an Individualized Education Plan (IEP) their senior year.

High School Course Enrollments

Figure 17-2 shows the difference in math and science high school course enrollments between the two segment of students. Students who enrolled in community colleges had greater preparation in core math and science courses (Algebra 1 and General Biology), but had less preparation on more advanced courses in each category.

Eighty-five percent of immediate enrollees had enrolled in a high school algebra 1 course before graduating, compared to 79 percent of other students. However, only 46 percent enrolled in algebra 2, 27 percent in algebra 3 or trigonometry, and 4 percent in calculus.

Students who did immediately enroll in community college were more likely to take advanced math courses. Forty-four percent of immediate enrollees had enrolled in an advanced math course, while 52 percent of other high school graduates enrolled in pre-calculus, calculus, trigonometry, statistics, advanced placement, or other advanced mathematics courses.

Similarly, 56 percent of immediate enrollees had enrolled in an advanced science course—ranging from chemistry to physics—during high school, compared to 62 percent of other students from the same cohort.

The U.S. Department of Education found a similar pattern using national data (Provasnik and Planty, 2008). High school graduates who immediately enrolled in

community college were more likely to have algebra I or geometry as their highest math course and general biology or below as their highest science course.

Compared to national estimates, immediate enrollees in Iowa were more likely to have enrolled in algebra 1, algebra 2, and algebra 3 or trigonometry. However, Iowa students were less likely to have preparation in calculus.

High School Achievement Tests

Spring 2009 high school graduates would have taken the Iowa Test of Education Development (ITED) in eighth-grade as part of Iowa’s requirements under No Child Left Behind legislation. Figure 17-3 shows the proficiency in reading, math, and science for immediate enrollees and other graduates from the same cohort.

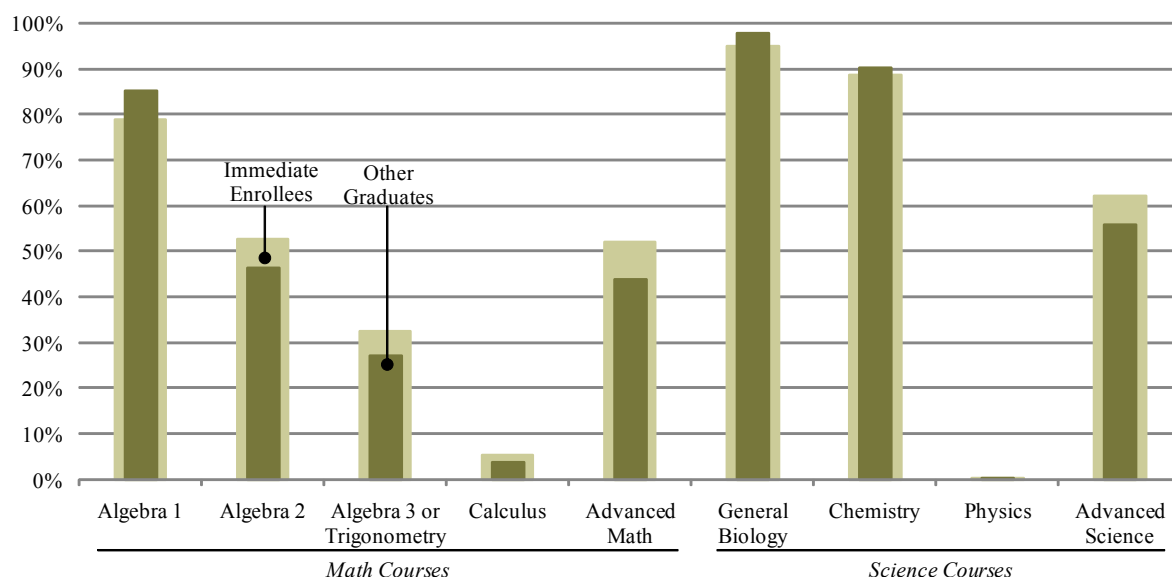
Approximately the same proportion of immediate enrollees and other graduates were proficient on state mandated assessments. Seventy-seven percent of immediate enrollees were proficient in reading, compared to 78 percent for other graduates.

Eighty percent of both immediate enrollees and other graduates were proficient in science in their 11th grade ITEDs. Similarly, 77 percent of immediate enrollees were proficient in mathematics, compared to 78 percent of other graduates.

Figure 17-4 shows the distribution of the national percentage rank for each sub-test. On average, immediate enrollees scored in the 59th percentile in reading, in contrast to other graduates scoring in the 67th percentile—a statistically significant difference

Half of immediate enrollees score above the 59th percentile, while half of other graduates scored above the 70th percentile. Panel A in Figure 17-4 shows

Figure 17-2: High School Course Enrollment for Spring 2010 High School Graduates



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-4.

3.5 percent of other graduates scoring in the 99th percentile.

Immediate enrollees also have lower-than-average performance on the mathematics portion. Immediate enrollees, on average, scored in the 62nd percentile, compared to other graduates who scored in the 70th percentile—again, statistically significant.

A similar disparity is present in median scores. Half of immediate enrollees scored above the 66th percentile in mathematics compared to half of other graduates scoring above the 78th percentile.

Finally, immediate enrollees averaged the 67th percentile in the science sub-test, which was statistically significantly less than the 73rd percentile earned by other graduates. Half of immediate enrollees earned test scores above the 70th percentile, compared to the 80th percentile for other graduates.

The achievement test data shows immediate enrollees have a lower average and median achievement test scores. However, the data also reveals performance on achievement tests spanned the spectrum from low to high performing students. For instance, thirteen percent of immediate enrollees achieved above the 90th percentile in mathematics.

Joint Enrollment

Iowa’s community colleges offer joint enrollment opportunities that permit high school students to earn college credit at a community college. Often, these joint enrollment opportunities simultaneously give high school and college credit. Section 5 of this report provides a description of joint enrollment in community colleges.

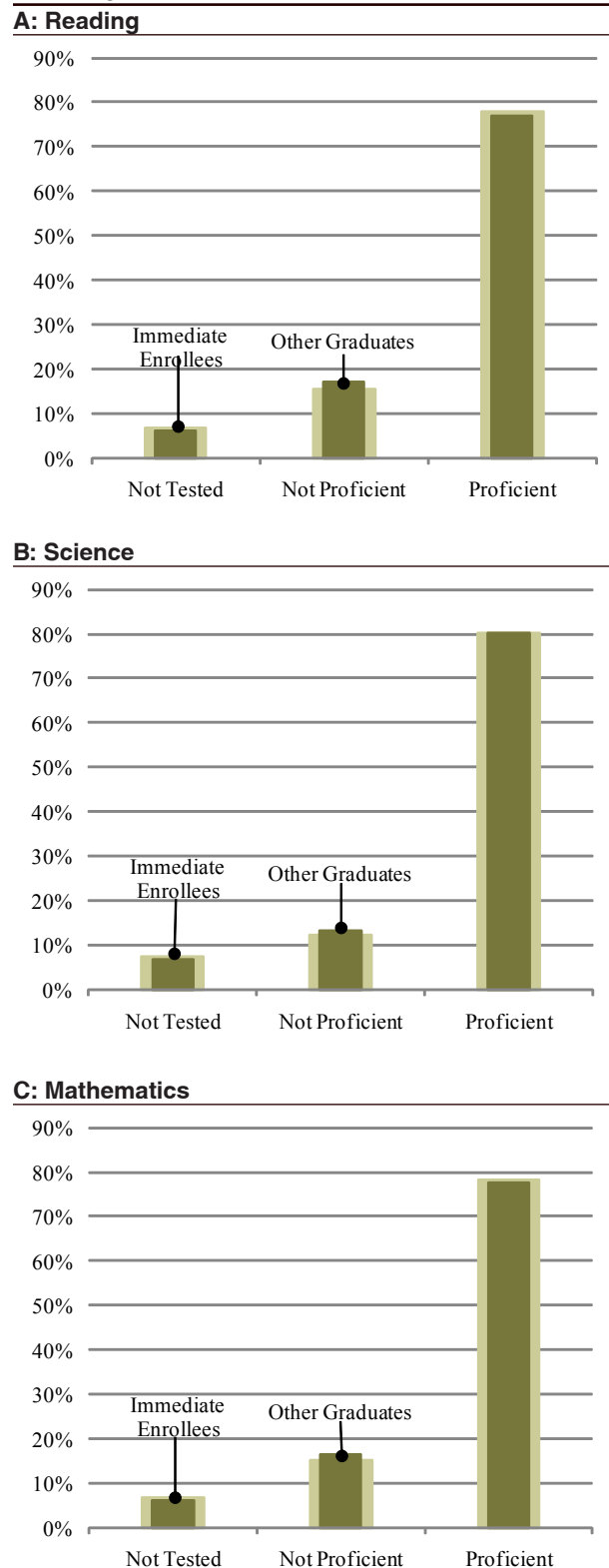
Prior research by the Iowa Department of Education (2010) has shown joint enrollees tend to have above-average ACT scores and usually take liberal arts courses that typically articulate to a four-year college.

Figure 17-3 provides a description of how many immediate enrollees have previously jointly enrolled in a community college. Seventeen percent of students who immediately enrolled had jointly enrolled in community college, compared to 18 percent of other high school graduates. It is interesting to note that at the time of joint enrollment, 39.4 percent of students identified community college as their primary intent after high school graduation (Iowa Department of Education, 2009).

Earned Credit Hours

One potential advantage of joint enrollment is to provide an opportunity for students to enter college with completed credits, saving students money by permitting earlier graduation and lower tuition expense. A previous study has suggested this head start yield a 535 percent return-on-investment (Siegelman and Otto,

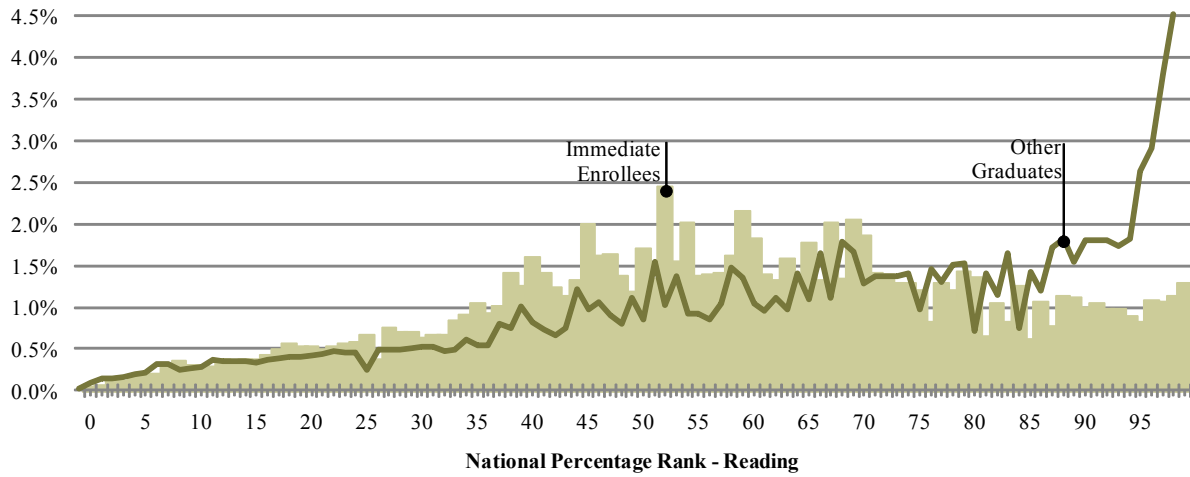
Figure 17-3: Proficiency in 11th Grade ITED by Sub-test



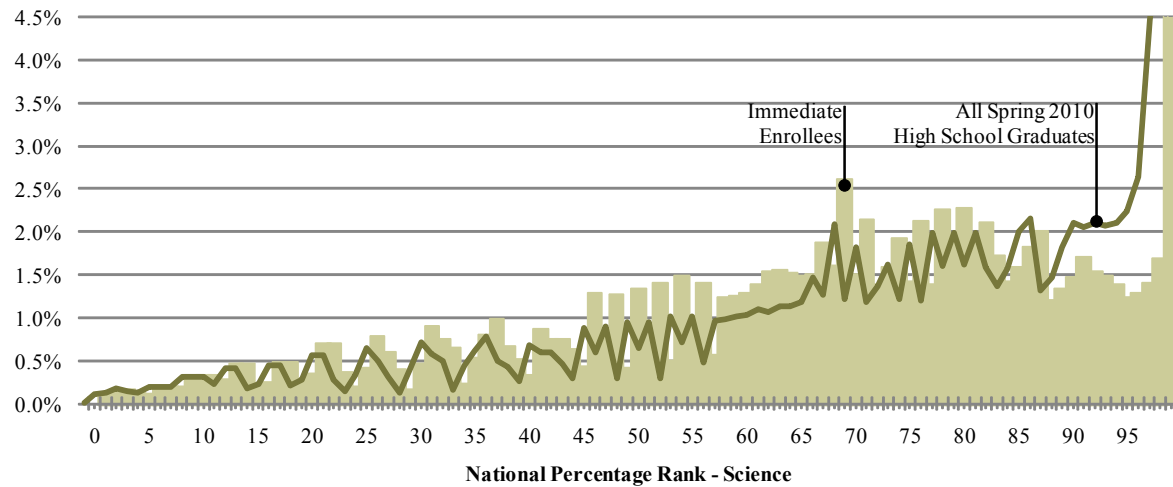
SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-5.

Figure 17-4: National Percentile Rank in 11th Grade ITED by Sub-test

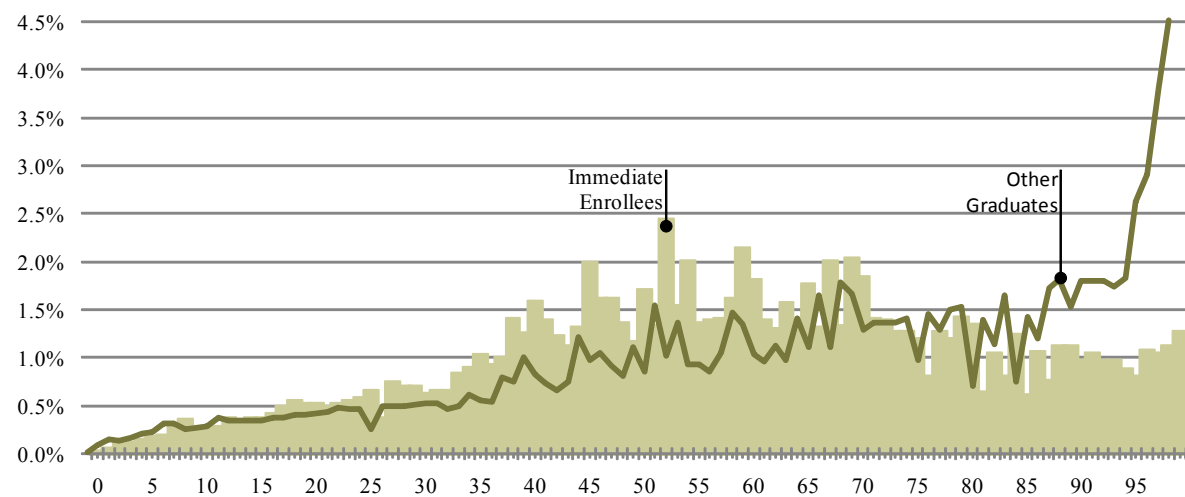
A: Reading



B: Science



C: Mathematics



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-6.

EARNED CREDIT HOURS FOR JOINT ENROLLEES

JOINT ENROLLEES WHO IMMEDIATELY ENROLLED:

17%

18% for other graduates

AVERAGE EARNED CREDIT HOURS FOR JOINT ENROLLEES:

13.8

2008).

On average, joint enrollees earned 13.8 credit hours through joint enrollment prior to graduating high school. This is roughly equivalent to one semester of full-time enrollment in a community college.

Student Intent

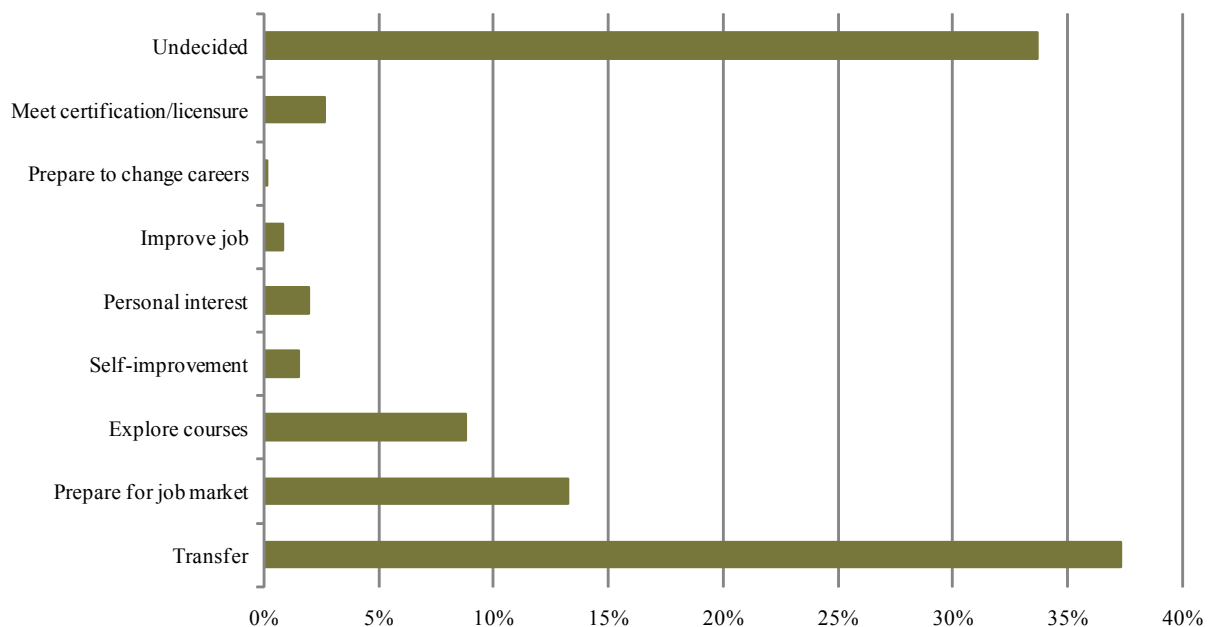
Community colleges can provide a variety of paths. Students may enroll in community colleges with different intents, ranging from wanting to transfer to a four-year college to obtaining employment after graduation.

Iowa's community colleges collect the intent of students. Figure 17-5 shows the student-reported intent of immediate enrollees.

Students most-often identify (37 percent) their intention to transfer to another college or university. This is followed by students who are undecided or have other goals (34 percent). Thirteen percent of students are hoping to prepare for the job market and 3 percent are preparing for occupational licensure or certifications. A further nine percent of students reported they are exploring courses.

National data indicates a third of immediate enrollees in community colleges are unsure about their two-year educational aspirations (Provasnik and Planty, 2008).

Figure 17-5: Student Intent of Immediate Enrollees



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-9.

Meanwhile, approximately two-thirds of immediate enrollees intend to attend or complete a four-year college.

Program Major

Students who immediately enroll in community colleges tend to enroll into similar majors as the entire community college population. Figure 17-4 shows the enrollment of immediate enrollees in community college majors.

Sixty-six percent of immediate enrollees majored in college parallel, which are intended to lead students to transfer to a four-year university or college. This is similar to the entire community college population, 65 percent of which enroll in college parallel.

Health science was the second most popular major, enrolling nine percent of immediate enrollees. Agriculture and natural resources was third (3.4%), followed by law, public safety, corrections, and security (3.4%); and manufacturing (2.9%).

Fall Credit Hours

Immediate enrollees are substantially more likely to enroll full-time than other community college students. Students are considered full-time if they enroll in 12 or more credit hours. Eighty-seven percent of immediate enrollees are classified as full-time. In the past three years, approximately half of Iowa community college students enroll full-time in the fall.

On average, immediate enrollees enrolled in 13 credit hours for the fall semester. Similarly, half of all these students are enrolled in more than 13 credit hours.

Consequently, immediate enrollees comprised 11

CREDIT HOURS

87%

OF IMMEDIATE ENROLLEES WERE FULL-TIME STUDENTS.

percent of the total credit hours taken in community college. Section 2 noted community colleges enrolled 1,026,134 credit contact hours, 108,395 of which was taken by immediate enrollees.

There does not appear to be a difference in the number of credit hours a student takes in the fall based on joint enrollment history (data not shown). As noted earlier, joint enrollees start their traditional college enrollments with almost 14 credit hours. While it appears joint enrollees have an advantage in terms of completed course hours, these students enroll in a similar community college load as their non-joint enrollee peers.

Developmental Education

Community colleges are known to play a substantial role in developmental education for adults returning to college and for students just out of high school. Nationally, a study of students from 1992 showed 58 percent of first-time community college students enrolled in a developmental education class (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).

Figure 17-7 shows the 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) and cannot be taken to make immediate progress towards the completion of a major. Thus, this data reflects developmental and non-developmental courses for students in each major, since developmental is dependent on major.

In sum, 2,679 students, or 33 percent of immediate enrollees, were enrolled in developmental education. Most of these students enrolled in developmental mathematics, 2,082 courses and English courses, 934 instances. In sum, 12,035 credit hours of immediate enrollees were in developmental education, eleven percent of the total credit hours taken by immediate enrollees.

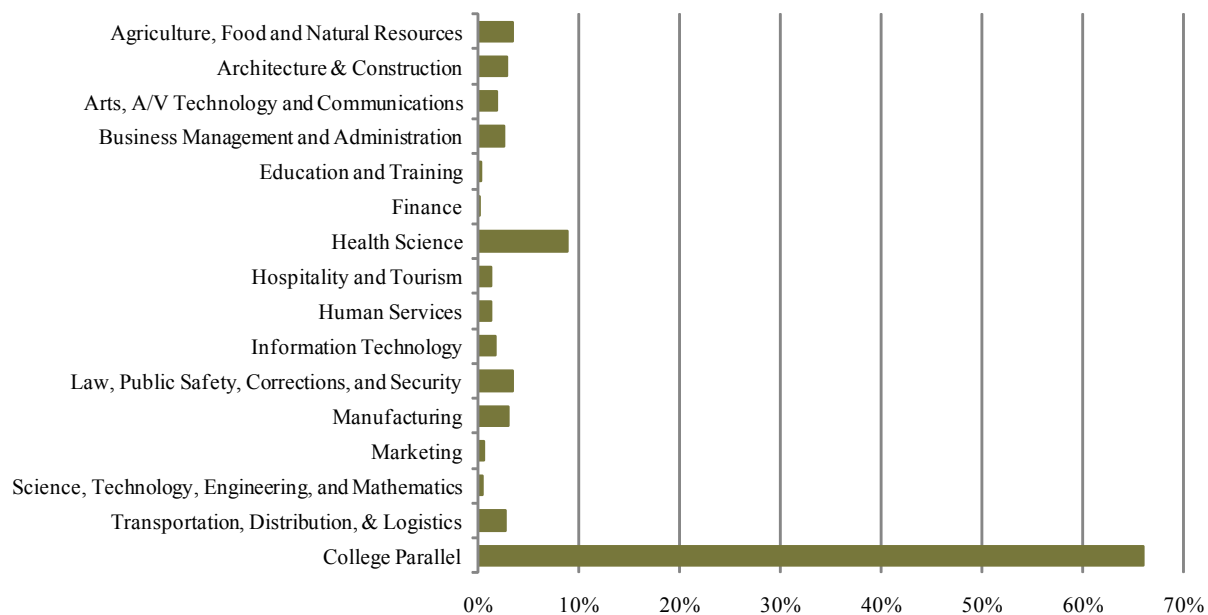
Further analysis (not shown) indicates taking developmental courses is independent from whether students were proficient on reading or mathematics as measured by the 11th grade ITED.

Summary

The data shows immediate enrollees are demographically similar to other high school graduates from the same year. However, immediate enrollees have lower achievement in their high school math and science enrollment in addition to lower scores, on average, than their peers.

However, it is important to note these students have a diverse academic background. Some students are quite accomplished in both course enrollments and achievement test scores. A third of students enrolled in developmental education, either by choice or placement,

Figure 17-6: Enrollment by Program Major: Fall 2010



SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Development, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-10.

DEVELOPMENTAL EDUCATION

33%

OF IMMEDIATE ENROLLEES ENROLLED IN AT LEAST ONE DEVELOPMENTAL EDUCATION COURSE IN FALL 2010.

in their first semester.

It is clear that immediately enrollees intensely enroll in community colleges. Many enroll full-time and seem intent on transferring to a four-year college or university.

A relatively small share of immediately enrollees have jointly enrolled before. However, among those that did jointly enroll, the data shows the opportunity has led to a semester's worth of credits.

Because most joint enrollees are full-time students, it is important to note what is already known about full-time students. Section 12 in this report and prior editions has recorded a variety of statistics on student success. Namely, over 53 percent of full-time students achieve measureable success by either graduating or transferring to a four-year university.

It will be several years before we can observe the performance of the spring 2009 high school graduates in community colleges. However, in the meantime, section 12 of this report provides some expectations for these students.

Table 17-13 shows the results of a regression of several key variables on student transition (see Schenk, 2011).

This method disentangles the confounding characteristics of students to isolate the role each characteristics or level of achievement has on the entry into community college.

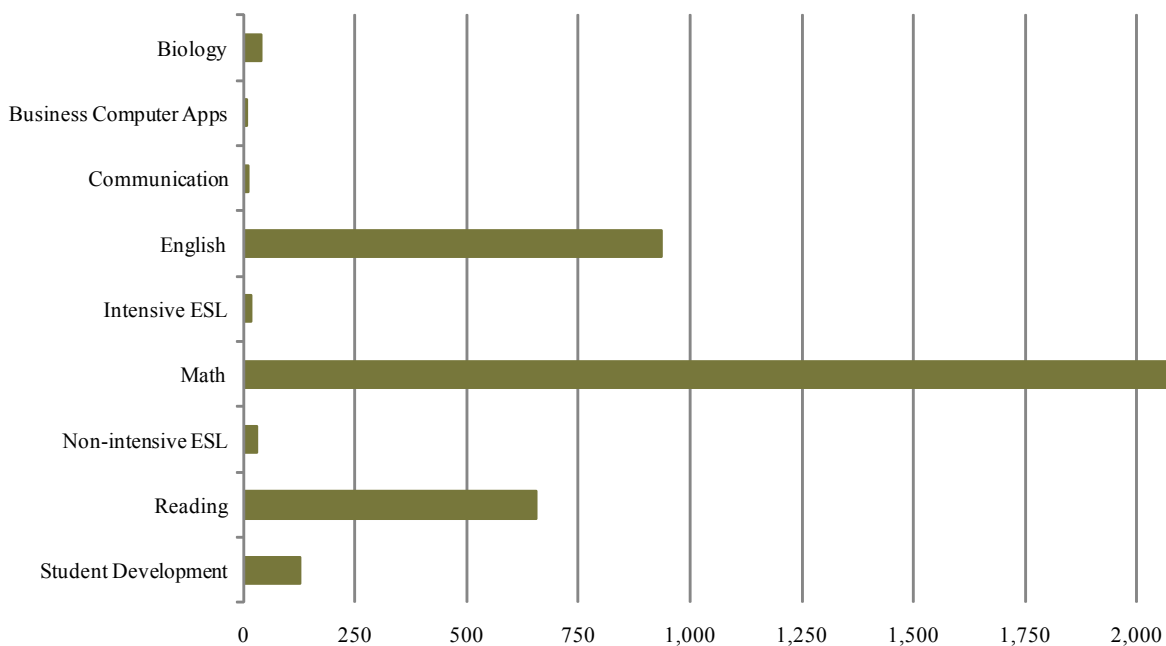
The results confirm some prior findings. Students with higher 11th grade achievement scores have a lower probability of entering community college. However, not all achievement subtests are equal predictors. Each percent increase in national percentage rank lowers the probability of entering community college at a greater rate than math or science scores. Science scores is not a statistically significant predictor of community college entry.

Students who enroll in an algebra 1 course are more likely to immediately enroll in community college than a student who does not. However, the probability of immediately enrolling in community college decreases as a student enrolls in algebra 2, algebra 3, trigonometry, or other advanced math courses.

Science course enrollment is weaker predictor of community college enrollment. Students who enroll in general biology courses are more likely to enroll in community college, but higher level science courses are not strong predictors.

Black and white students are more likely to enroll in community college than other races or ethnicities. Meanwhile, students who are had an IEP during high school or were on free or reduced lunch programs were less likely to enroll in community college.

Figure 17-6: Duplicated Enrollment in Developmental Education Courses by Department



NOTE: Developmental education is defined as courses below 100 and cannot be used for the completion of a major. Students may be enrolled in more than one department.

SOURCE: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and AS-28 database; Bureau of Planning, Research, and Evaluation, Project EASIER. See Table 17-12.

Table 17-1: Immediate Enrollees of Spring 2009 High School Graduates: Fall 2010

College	Transitioned	Percent of Fall Enrollment
Northeastz	317	6%
North Iowa Area	389	10%
Iowa Lakes	247	7%
Northwest	89	5%
Iowa Central	622	10%
Iowa Valley	379	12%
Hawkeye	690	10%
Eastern Iowa	561	6%
Kirkwood	1,636	9%
Des Moines Area	1,450	6%
Western Iowa Tech	345	5%
Iowa Western	516	8%
Southwestern	156	9%
Indian Hills	478	9%
Southeastern	222	6%
Immediate Enrollees	8,097	8%
Other Graduates	18,907	

Note: Cohort of spring 2009 graduates. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-2: Demographics of Immediate Enrollees of Spring 2009 High School Graduates

College	Asian / Pacific Islander	Black	Hispanic	American Indian	White	Two or More Races	Female	Male
Northeast	0.3%	1.9%	3.5%	0.0%	93.1%	1.3%	53.0%	47.0%
North Iowa Area	2.1%	3.6%	2.3%	0.5%	91.0%	0.5%	50.4%	49.6%
Iowa Lakes	0.8%	0.8%	2.0%	0.4%	95.5%	0.4%	44.1%	55.9%
Northwest	1.1%	0.0%	3.4%	0.0%	95.5%	0.0%	42.7%	57.3%
Iowa Central	0.3%	6.4%	6.1%	0.3%	85.7%	1.1%	45.8%	54.2%
Iowa Valley	0.5%	5.0%	11.3%	1.3%	79.2%	2.6%	41.7%	58.3%
Hawkeye	0.9%	3.2%	2.2%	0.3%	93.0%	0.4%	53.6%	46.4%
Eastern Iowa	0.4%	5.0%	8.2%	0.7%	85.2%	0.5%	56.3%	43.7%
Kirkwood	2.0%	6.4%	5.1%	0.2%	86.0%	0.4%	49.6%	50.4%
Des Moines Area	2.5%	5.2%	4.8%	0.3%	85.4%	1.7%	53.4%	46.6%
Western Iowa Tech	3.8%	2.0%	11.6%	0.9%	80.9%	0.9%	53.3%	46.7%
Iowa Western	1.6%	3.1%	6.0%	0.4%	88.0%	1.0%	54.3%	45.7%
Southwestern	1.3%	1.3%	0.6%	0.0%	95.5%	1.3%	59.6%	40.4%
Indian Hills	1.0%	0.4%	2.1%	1.5%	95.0%	0.0%	51.7%	48.3%
Southeastern	0.5%	3.2%	5.0%	0.0%	89.6%	1.8%	55.0%	45.0%
Immediate Enrollees	1.5%	4.3%	5.2%	0.4%	87.7%	0.9%	51.3%	48.7%
Other Graduates	2.5%	3.3%	5.8%	0.5%	86.7%	1.3%	50.9%	49.1%

Note: P-values displayed for t-tests comparing each row to all other graduates.

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-3: Free and Reduced Lunch and IEP Status of Immediate Enrollees

College	Free & Reduced Lunch		Individual Education Plan	
	No	Yes	No	Yes
Northeast	71.0%	29.0%	88.0%	12.0%
North Iowa Area	73.0%	27.0%	91.8%	8.2%
Iowa Lakes	75.7%	24.3%	89.9%	10.1%
Northwest	79.8%	20.2%	93.3%	6.7%
Iowa Central	73.0%	27.0%	93.6%	6.4%
Iowa Valley	67.0%	33.0%	94.5%	5.5%
Hawkeye	80.0%	20.0%	92.9%	7.1%
Eastern Iowa	76.3%	23.7%	94.1%	5.9%
Kirkwood	79.2%	20.8%	93.1%	6.9%
Des Moines Area	75.3%	24.7%	92.4%	7.6%
Western Iowa Tech	65.5%	34.5%	91.6%	8.4%
Iowa Western	71.7%	28.3%	94.4%	5.6%
Southwestern	75.6%	24.4%	92.9%	7.1%
Indian Hills	67.4%	32.6%	92.7%	7.3%
Southeastern	73.4%	26.6%	93.2%	6.8%
Immediate Enrollees	74.6%	25.4%	92.8%	7.2%
Other Graduates	75.5%	24.5%	91.5%	8.5%

Note: Free & Reduced Lunch and IEP status for students in their senior year. Does not necessarily reflect their freshman, sophomore, or junior year. Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-4: High School Course Enrollment for Spring 2010 High School Graduates

College	Mathematics						Science			
	Algebra 1	Algebra 2	Algebra 3 or Trigonometry	Calculus	Advanced Math	General Biology	Chemistry	Physics	Advanced Science	
	Northeast	95.9%	44.5%	24.3%	2.8%	46.1%	99.4%	90.5%	0.0%	53.3%
North Iowa Area	94.1%	51.4%	27.5%	3.6%	46.8%	98.7%	91.0%	0.3%	60.4%	
Iowa Lakes	91.5%	54.3%	31.2%	3.6%	48.2%	97.6%	90.7%	0.0%	47.4%	
Northwest	67.4%	51.7%	23.6%	4.5%	36.0%	97.8%	84.3%	0.0%	51.7%	
Iowa Central	81.5%	41.3%	25.6%	2.4%	40.4%	95.7%	90.7%	0.0%	50.8%	
Iowa Valley	62.3%	31.7%	28.5%	2.9%	39.8%	96.3%	86.5%	0.3%	56.2%	
Hawkeye	88.7%	41.2%	26.1%	4.1%	41.2%	98.3%	90.3%	0.0%	53.0%	
Eastern Iowa	90.2%	44.7%	20.1%	2.7%	40.8%	97.1%	91.1%	0.0%	58.5%	
Kirkwood	87.5%	53.9%	25.9%	3.9%	44.9%	98.6%	91.3%	0.0%	62.8%	
Des Moines Area	77.7%	47.8%	27.4%	3.4%	43.5%	97.6%	89.2%	0.0%	55.5%	
Western Iowa Tech	89.9%	42.3%	23.5%	4.6%	39.1%	96.8%	89.9%	0.0%	44.6%	
Iowa Western	91.3%	45.0%	24.6%	4.1%	41.9%	97.7%	89.0%	0.4%	47.7%	
Southwestern	79.5%	57.1%	32.1%	5.1%	48.1%	99.4%	94.2%	0.0%	64.1%	
Indian Hills	85.8%	42.9%	40.8%	3.8%	50.6%	98.7%	92.3%	0.0%	57.9%	
Southeastern	86.0%	34.7%	37.8%	5.0%	48.6%	97.3%	86.0%	0.0%	49.1%	
Immediate Enrollees	85.0%	46.4%	27.2%	3.6%	43.7%	97.8%	90.2%	0.0%	55.7%	
Other Graduates	78.8%	52.7%	32.4%	5.3%	52.0%	95.0%	88.5%	0.1%	62.1%	

Note: Students may be in one or more categories.

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-5: Proficiency of Immediate Enrollees on 11th Grade ITED

College	Reading			Mathematics			Science		
	Not Tested	Not Proficient	Proficient	Not Tested	Not Proficient	Proficient	Not Tested	Not Proficient	Proficient
Northeast	3.5%	19.6%	77.0%	3.5%	17.7%	78.9%	3.8%	11.7%	84.5%
North Iowa Area	2.3%	21.9%	75.8%	2.1%	17.7%	80.2%	2.3%	14.9%	82.8%
Iowa Lakes	2.0%	22.7%	75.3%	2.0%	17.8%	80.2%	2.4%	12.1%	85.4%
Northwest	4.5%	24.7%	70.8%	4.5%	14.6%	80.9%	4.5%	15.7%	79.8%
Iowa Central	5.5%	21.2%	73.3%	5.3%	19.5%	75.2%	5.6%	15.9%	78.5%
Iowa Valley	5.3%	23.2%	71.5%	5.5%	23.2%	71.2%	5.5%	20.1%	74.4%
Hawkeye	3.6%	20.6%	75.8%	3.6%	22.5%	73.9%	3.8%	13.5%	82.8%
Eastern Iowa	5.7%	19.8%	74.5%	5.7%	19.4%	74.9%	6.1%	15.3%	78.6%
Kirkwood	3.7%	19.9%	76.4%	3.5%	17.3%	79.2%	4.0%	14.7%	81.3%
Des Moines Area	5.0%	22.1%	73.0%	5.0%	22.3%	72.6%	5.2%	18.2%	76.6%
Western Iowa Tech	5.5%	22.6%	71.9%	5.5%	22.6%	71.9%	5.5%	15.7%	78.8%
Iowa Western	3.5%	19.8%	76.7%	3.5%	21.1%	75.4%	3.9%	15.5%	80.6%
Southwestern	2.6%	14.1%	83.3%	2.6%	19.9%	77.6%	4.5%	10.9%	84.6%
Indian Hills	1.9%	18.6%	79.5%	1.9%	20.7%	77.4%	5.2%	15.5%	79.3%
Southeastern	4.1%	19.8%	76.1%	4.1%	19.8%	76.1%	3.6%	18.0%	78.4%
Immediate Enrollees	6.0%	17.0%	77.1%	6.0%	16.6%	77.5%	6.6%	13.3%	80.1%
Other Graduates	6.8%	15.4%	77.9%	6.8%	15.1%	78.1%	7.5%	12.4%	80.2%

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-6: National Percentage Rank on 11th Grade ITED of Spring 2009 Graduates by Enrollment Status

College	Reading			Mathematics			Science		
	Mean	Standard Deviation	Median	Mean	Standard Deviation	Median	Mean	Standard Deviation	Median
	Northeast	57.1	22.3	55.5	62.2	24.6	64	65.8	21.7
North Iowa Area	57.9	23.0	59	63.0	24.0	68	67.3	23.6	74
Iowa Lakes	58.2	22.8	57.5	62.9	26.0	69	68.5	22.1	73
Northwest	57.3	22.0	58	66.3	23.4	68	65.2	24.4	68
Iowa Central	56.7	22.2	56	61.2	25.4	66	64.3	22.9	68
Iowa Valley	56.5	22.9	56	59.4	25.8	60	63.2	24.5	68
Hawkeye	57.9	20.7	58	61.0	24.2	64	64.6	20.8	68
Eastern Iowa	59.1	22.3	58	61.7	24.2	66	64.1	22.3	68
Kirkwood	59.2	22.2	60	64.1	24.6	68	66.4	23.2	70
Des Moines Area	58.5	23.6	59.5	60.3	25.5	64	63.9	24.4	68
Western Iowa Tech	56.1	23.4	58	58.7	26.3	60	64.9	22.7	68
Iowa Western	58.6	22.2	59	60.5	24.5	64	66.4	22.5	72
Southwestern	62.2	22.1	63	61.4	25.3	66	69.5	21.0	73
Indian Hills	60.8	22.0	60	63.4	25.6	69	66.6	23.6	70
Southeastern	59.4	23.6	60	61.1	25.8	64	67.0	24.0	72
Immediate Enrollees	58.4	22.5	59	61.8	25.0	66	65.4	23.1	70
Other Graduates	67.1	25.1	70	70.3	26.8	78	73.0	24.7	80

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-7: Prior Joint Enrollment for 2009 High School Graduates

College	Did Not Jointly Enroll	Jointly Enrolled
Northeast	79.2%	20.8%
North Iowa Area	75.3%	24.7%
Iowa Lakes	69.2%	30.8%
Northwest	95.5%	4.5%
Iowa Central	80.7%	19.3%
Iowa Valley	94.2%	5.8%
Hawkeye	80.3%	19.7%
Eastern Iowa	90.0%	10.0%
Kirkwood	86.7%	13.3%
Des Moines Area	77.4%	22.6%
Western Iowa Tech	98.3%	1.7%
Iowa Western	82.4%	17.6%
Southwestern	74.4%	25.6%
Indian Hills	87.4%	12.6%
Southeastern	86.9%	13.1%
Immediate Enrollees	83.4%	16.6%
Other Graduates	81.6%	18.4%

Note: Jointly enrolled includes any Spring 2009 graduate who jointly enrolled in the previous two years at a community college.

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-8: Earned Credit Hours of Prior Joint Enrollees Upon Fall 2010 Entry

College	Mean	Standard Deviation	Median
Northeast	5.6	7.9	3
North Iowa Area	6.0	8.0	3
Iowa Lakes	9.1	11.4	5
Northwest	6.3	11.3	3
Iowa Central	9.8	13.4	6
Iowa Valley	5.4	8.3	0
Hawkeye	4.8	6.9	3
Eastern Iowa	4.6	7.4	3
Kirkwood	3.7	5.9	0
Des Moines Area	7.2	8.1	5
Western Iowa Tech	6.8	7.5	6
Iowa Western	4.9	7.0	0
Southwestern	5.9	8.5	0
Indian Hills	5.6	8.7	2
Southeastern	5.4	7.5	3
Immediate Enrollees	5.8	8.4	3

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-9: Student Intent of Immediate Enrollees Upon Entry into Community College

College	Transfer	Prepare for job market	Explore courses	Self-improvement	Personal interest	Improve job	Prepare to change careers	Meet certification/licensure	Undecided
Northeast	30.3%	22.7%	6.9%	0.6%	6.9%	2.8%	0.3%	10.1%	19.2%
North Iowa Area	63.2%	16.5%	1.3%	0.5%	1.3%	0.5%	0.0%	1.5%	15.2%
Iowa Lakes	44.9%	28.7%	3.6%	5.7%	2.0%	0.4%	0.4%	1.6%	12.6%
Northwest	7.9%	16.9%	3.4%	0.0%	2.2%	5.6%	0.0%	10.1%	53.9%
Iowa Central	74.8%	0.6%	0.8%	0.0%	1.3%	0.0%	0.0%	0.8%	21.7%
Iowa Valley	23.2%	6.9%	7.4%	0.5%	1.3%	0.8%	0.3%	1.6%	58.0%
Hawkeye	63.8%	18.7%	5.9%	0.4%	1.6%	0.4%	0.1%	2.9%	6.1%
Eastern Iowa	42.8%	11.8%	11.9%	3.6%	3.7%	0.9%	0.5%	3.0%	21.7%
Kirkwood	26.0%	17.1%	19.2%	0.7%	0.2%	0.0%	0.1%	1.1%	35.7%
Des Moines Area	31.7%	10.3%	7.3%	1.4%	2.0%	1.8%	0.1%	4.3%	41.0%
Western Iowa Tech	25.5%	6.7%	0.9%	7.8%	1.7%	1.7%	0.3%	0.6%	54.8%
Iowa Western	42.1%	24.8%	15.9%	2.5%	5.2%	1.0%	0.0%	5.0%	3.5%
Southwestern	16.7%	15.4%	7.1%	1.9%	2.6%	0.0%	0.0%	0.0%	56.4%
Indian Hills	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.8%
Southeastern	50.0%	7.7%	6.3%	1.8%	4.1%	1.4%	0.5%	2.7%	25.7%
Immediate Enrollees	37.3%	13.2%	8.8%	1.5%	1.9%	0.8%	0.1%	2.6%	33.7%

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-10: Enrollment in Program Major by Immediate Enrollees: Fall 2010

College	Agriculture, Food and Natural Resources	Architecture & Construction	Arts, A/V Technology and Communications	Business Management and Administration	Education and Training	Finance	Health Science	Hospitality and Tourism	Human Services	Information Technology	Law, Public Safety, Corrections, and Security	Manufacturing	Marketing	Science, Technology, Engineering, and Mathematics	Transportation, Distribution, & Logistics	College Parallel
Northeast	3.2%	3.2%	1.3%	3.5%	0.0%	0.0%	19.2%	0.0%	2.5%	1.9%	0.3%	2.2%	0.9%	0.0%	5.7%	55.8%
North Iowa Area	0.5%	1.0%	0.3%	2.8%	0.0%	0.3%	2.3%	0.8%	0.0%	2.6%	4.4%	4.9%	0.0%	0.0%	1.0%	74.8%
Iowa Lakes	13.8%	8.9%	4.5%	2.8%	0.0%	0.0%	11.3%	0.8%	2.0%	2.8%	4.0%	1.6%	0.4%	0.0%	4.5%	42.5%
Northwest	0.0%	21.3%	3.4%	4.5%	0.0%	0.0%	10.1%	0.0%	0.0%	2.2%	0.0%	12.4%	0.0%	0.0%	10.1%	36.0%
Iowa Central	2.1%	3.2%	1.3%	1.3%	0.0%	0.0%	2.6%	0.8%	1.4%	0.2%	2.6%	6.3%	0.0%	0.8%	5.9%	71.5%
Iowa Valley	5.0%	2.6%	0.3%	0.8%	0.0%	0.0%	2.6%	0.0%	0.3%	0.3%	1.6%	0.8%	0.0%	0.0%	0.0%	85.5%
Hawkeye	6.4%	1.0%	5.5%	0.7%	0.0%	0.0%	12.8%	0.0%	0.9%	1.6%	7.0%	5.2%	0.7%	0.0%	2.2%	56.1%
Eastern Iowa	1.8%	0.5%	0.7%	1.2%	0.0%	0.0%	15.5%	1.4%	0.9%	1.6%	0.4%	2.0%	0.0%	0.0%	1.2%	72.7%
Kirkwood	5.3%	3.2%	0.7%	3.7%	0.0%	0.2%	12.3%	2.4%	0.2%	2.1%	1.8%	1.9%	0.7%	1.7%	2.1%	61.7%
Des Moines Area	1.9%	1.1%	2.6%	3.2%	0.9%	0.0%	0.9%	1.0%	2.9%	0.7%	5.3%	1.4%	1.9%	0.0%	2.8%	73.6%
Western Iowa Tech	0.0%	6.4%	4.9%	5.5%	0.0%	0.3%	15.7%	0.0%	1.4%	2.3%	8.4%	2.3%	0.0%	0.0%	1.4%	51.3%
Iowa Western	1.9%	2.7%	1.7%	1.2%	0.8%	0.0%	16.7%	2.5%	1.0%	1.0%	0.0%	0.4%	0.2%	0.0%	2.7%	67.2%
Southwestern	5.1%	5.8%	1.9%	2.6%	0.0%	0.0%	4.5%	0.0%	0.0%	2.6%	0.0%	0.0%	0.0%	0.0%	2.6%	75.0%
Indian Hills	1.9%	1.9%	0.0%	1.3%	0.0%	0.0%	9.2%	2.9%	3.3%	6.7%	4.6%	7.3%	0.0%	0.4%	4.8%	55.6%
Southeastern	0.0%	2.7%	2.3%	4.5%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	7.2%	4.1%	0.0%	0.0%	0.9%	76.6%
Immediate Enrollees	3.4%	2.8%	1.9%	2.6%	0.2%	0.1%	8.8%	1.2%	1.3%	1.7%	3.4%	2.9%	0.6%	0.4%	2.8%	65.9%

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-11: Enrolled Credit Hours for Immediate Enrollees: Fall 2010

College	Mean	Standard Deviation	Median	Percent Full-time
Northeast	13.5	3.1	13	88.3%
North Iowa Area	14.7	2.2	15	96.4%
Iowa Lakes	15.8	3.1	16	98.0%
Northwest	15.1	4.2	15	91.0%
Iowa Central	14.6	2.5	15	96.5%
Iowa Valley	14.5	2.5	15	96.3%
Hawkeye	13.0	2.9	13	87.1%
Eastern Iowa	12.7	2.7	13	84.8%
Kirkwood	13.6	2.5	13	93.0%
Des Moines Area	12.5	2.5	13	85.8%
Western Iowa Tech	13.5	2.5	13	92.8%
Iowa Western	14.2	2.5	15	94.8%
Southwestern	14.6	2.7	15	94.9%
Indian Hills	10.3	1.8	10	28.5%
Southeastern	13.3	3.0	14	89.2%
Immediate Enrollees	13.4	2.8	13	87.4%

Source: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Community College MIS and Bureau of Planning, Research, and Evaluation, Project EASIER.

Table 17-12: Enrollment into Developmental Education by Immediate Enrollees

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.

Table 17-13: Logit Regression of High School Variables on Immediate Enrollment

Coefficient	Odds Ratio	Standard Error
Intercept	0.53	0.22
ITED		
Reading	0.99	0
Math	0.99	0
Science	1.00	0
Math		
Algebra 1	1.67	0.05
Algebra 2	0.88	0.04
Algebra 3 or Trigonometry	0.86	0.04
Calculus	0.91	0.07
Advanced Math	0.94	0.04
Science		
General Biology	1.75	0.17
Chemistry	0.99	0.06
Physics	0.91	0.57
Advanced Science	0.98	0.04
Race/Ethnicity		
Black	1.82	0.14
Hispanic	1.09	0.13
American Indian	0.98	0.25
Two or More	1.00	0.18
Pacific Islander	0.79	0.58
White	1.45	0.12
Economic and Ability		
IEP	0.53	0.06
Free or Reduced Lunch	0.86	0.04
Error		
District	0.37	
Residual	1.00	

Note: Results of a hierarchical logit regression with “immediate enrollment” as a dependent variable equal to one for students who transition into higher education.

Source: Schenk (2011).



GLOSSARY

For complete definitions of Community College Management Information System (MIS) data elements, see the Fiscal Year 2010 MIS Data Dictionary available on the Department's website: www.iowa.gov/educate.

Adult High School Diploma

A program of instruction designed for an 18 year old or older individual that culminates in a Community College Adult High School Diploma. Courses are set at a length of 60 contact hours per course, with a maximum of five courses per semester.

Alternative High School

An established environment within or apart from the regular high school with policies and rules, educational objectives, staff and resources designed to accommodate student needs, and to provide a comprehensive high school education consistent with the goals established by school districts in the area. Whether or not an individual student may choose to attend an alternative school may be limited by court order or by approval of the local school district. Community colleges may establish and operate alternative high schools for secondary school districts on a contractual basis. Students are not eligible for postsecondary State General Aid unless such students are taking courses above and beyond the defined programs for high school completion.

Apprentice

A person at least 16 years of age (except where an older minimum age standard is established by law) who enters into any contract of service registered with the appropriate apprentice agency. An apprentice receives instruction from his or her employer in an apprenticeship approved occupation.

Apprenticeship Program

A program registered with the Department of Labor or the state apprenticeship agency in accordance with the National Apprenticeship Act. An apprenticeship program is conducted or sponsored by an employer, a group of employers, or a joint apprenticeship committee representing both employers and labor, and contains all of the terms and conditions for the qualification, recruitment, selection, and training of apprentices. Related instruction courses are often part of the program.

Articulation

The process of mutually agreeing upon courses and programs earned at a sending institution for credit or advanced placement at a receiving institution. Often courses and programs are transferable either from secondary to postsecondary institutions or between postsecondary institutions.

Arts and Sciences

Credit courses contained in the two-year associate degrees transfer program (College Parallel/Liberal General Studies/College Transfer) and College Parallel/Career Option programs.

Arts and Sciences Courses

Credit courses in College Parallel/Liberal General Studies/College Transfer, which are transferable to four-year institutions for completion of a baccalaureate degree and those that are included in career/technical curriculums that are applicable for employment on completion of curriculum.

Associate in Applied Arts (AAA) & Associate in Applied Science (AAS) Degrees

The degree awarded for satisfying the curriculum requirements and demonstrated competence for employment in the occupational field for which the program was designed. Typically, these degrees apply to occupations requiring significant amounts of applied scientific and mathematical knowledge. These degrees require a minimum of 60 semester credit hours (90 quarter hours) in length with a minimum of 12 semester credit hours (18 quarter hours) of general education. Programs awarding these degrees shall not exceed 19 semester credit hours per term (28.5 quarter hours) and shall not exceed 86 semester credit hours (129 quarters hours) in length.

Associate in Arts (AA) & Associate in Science (AS) Degrees

The degrees awarded for satisfying the curriculum requirements of arts and science courses designed as college parallel programs transferable as the first two years of a baccalaureate degree. These programs are referred as college parallel/liberal general studies/college transfer. They include a minimum of 60 semester credit hours (90 quarter

hours) of credit courses designed and acceptable for transfer with the understanding that 16 semester hours (24 quarter hours) of career/technical courses could be included in the total.

Associate in General Studies Degree (AGS)

The degree awarded for satisfying the curriculum requirements of a two-year program other than set forth in Iowa Administrative Code 281—21.2(10) associate of arts or science. The degree requirements are flexible for individual students, not intended for transfer, and include a minimum of 60 semester credit hours (90 quarter hours).

Career and Technical Education

The organized educational activities that offer a sequence of courses that include academic and technical knowledge and skills needed for current employment or further education.

Certificate

The award for satisfying the curriculum requirements of an activity, course, and/or program other than one that is intended for a diploma or a degree. Certificates can be awarded for credit and non-credit offerings.

College Parallel/Career Option Program (CP/CO)

AS or AA degree programs designed as the first two years of transfer credit toward a baccalaureate degree in a specific occupational area which includes a minimum number of skill development courses for immediate employment. Students have a choice of articulating their program to a four-year institution for completion of a baccalaureate degree or seeking employment in curriculum designed occupation or a related field.

College Parallel/Liberal General Studies/College Transfer

See Associate in Arts (AA) & Associate in Science (AS) Degrees.

Contact Hour

The computation of minutes given for an instructional activity. The minimum requirement of one contact hour is 50 minutes.

Continuing Education Unit (CEU)

A uniform unit of measurement given by a college for non-credit activity, course, and/or program. One continuing education unit (CEU) equals 10 contact hours (based on one 50-minute classroom hour) of participation in an organized education experience.

Credit

A unit of measure/recognition given by a college for the completion of an activity, course, and/

or program recognized by higher education. It accounts for instructional activity in standards terms of rationalization of collegiate requirements related to transferability.

Credit Hour

The computation of a single hour of class time per week occurring over a defined instructional period (term). An hour is referred to as 50 minutes to equal one credit hour of instruction, with requirements stated as semester minimums.

Classroom: 800 minutes (533 minutes for one quarter hour) of scheduled instruction plus, when applicable, a scheduled culminating activity.

Laboratory: 1,600 minutes (1,066 minutes for one quarter hour).

Clinical practice: 2,400 minutes (1,599 minutes for one quarter hour).

Cooperative/work experience: 3,200 minutes (2,132 minutes for one quarter hour).

Developmental Education

A non-college transfer course designed to provide assistance (remedial instruction) to an individual so they can successfully complete the regular courses in their program of study.

Diploma

The award granted for satisfying the curriculum requirements of a program that consist of a minimum of 15 semester credit hours (22 quarter hours) with the general education component consisting of a minimum of 3 semester hours (4 quarter hours).

Full-Time Equivalent Enrollment (FTEE)

The equivalent number of students attending a single community college. One FTEE in credit hours equals twenty-four (24) credit hours. One FTEE in non-credit (contact) hours equals 600 contact hours.

General Education

Credit courses designed to broaden student ability to reason, think, compute, communicate and adapt to change. They also include human development in civic, consumer, environmental, and social responsibilities. The general education requirements include courses in communications, humanities, mathematics, science, and social science. The number and type of general education courses is determined by the degree (state requirements) and often varies with different receiving institutions.

Headcount

The actual number of students enrolled in a given instructional category or unit during a given period of time.

Unduplicated headcount means that a person is counted only once during the reporting period even though they may be enrolled in more than

one program. The individual is to be reported in the program in which they were most recently enrolled. If the above criterion discriminates, then the student is to be reported in the program in which they received the most credit or contact hours of instruction. In any case, the student should be counted only once during a specified period of enrollment even though they may be in more than one term during the reporting period.

Human Resources

Community college employees are classified according to position and assignment codes. The staff is usually classified as administration, instructional/faculty, professional, secretarial/clerical, and service.

A **full-time** faculty/instructor is classified full-time according to the college's definition and whose regular assignment is instruction (more than 50 percent), including those with released time for research. Also included are full-time instructional faculty on sabbatical leave, full-time replacements for instructional faculty on leave without pay, and chairs of departments (if they have no other administrative title and hold a full-time faculty rank).

A **part-time** faculty/instructor is classified part-time according to the college's definition and who is employed less than full-time (see above definition). An adjunct faculty/instructor is when a person has an occasional or temporary affiliation with an institution or another faculty member in performing a duty or service in an auxiliary capacity.

Temporary/Seasonal includes individuals who are employed by the college for short-time periods for specific purposes. Such an employee may be full or part-time and often are not provided benefits.

Joint Enrollment

A student who is enrolled in a secondary school and a postsecondary institution at the same time. The credits earned are often applicable for fulfilling the graduation requirements at both levels. Courses offered for joint enrollment are disaggregated into the following categories:

Contracted courses are college credit courses offered to secondary school students through contractual arrangements. These courses often generate supplementary weighting for the local district. Courses generating supplementary weighting are defined as "concurrent enrollment."

Postsecondary Enrollment Options (PSEO) courses are college credit courses offered to secondary school students through the PSEO program.

Tuition courses are college credit courses taken secondary school students independently.

Jointly Administered Program

A program entered into by two or more educational institutions to provide instructional or administrative services jointly, to the mutual advantage of the constituents of each institution.

Leisure/Recreational

Courses that provide instruction in leisure, recreation, casual culture, wellness, and/or self-enjoyment subjects.

Non-Credit

Non-Credit offerings cover a wide range of activities, courses, and programs usually for the adult population. They are recognized for their ability to provide offerings in non-traditional lengths and delivery methods, as well as special "packaging" for individuals and business/industry.

Preparatory Program

Preparatory programs are designed to provide the specific skills and knowledge essential for successful entry into an occupation following completion of a designated curriculum. These programs may be for credit and/or non-credit depending on the intent and requirements of the curriculum.

Full-time programs operate on the average of 15 credit hours per term and at least two terms in length.

Part-time programs operate on the average of less than 15 credit hours per term and at least two terms in length.

Short-term programs are less than 22 credit hours in length.

Secondary High School Diploma Program

Courses provided by community colleges for secondary credit toward a high school diploma granted by a local secondary school district.

Student

A **full-time** student is one who enrolls for 12 or more semester credit hours (18 or more quarter hours) in the most recent regular term of enrollment.

A **part-time** student is one who enrolls for less than 12 semester credit hours (18 quarter hours) in the most recent regular term of enrollment.

Appropriate adjustments for length of summer term are to be used if the student has not attended a regular term during the academic year.

The above definitions are used for uniform state reporting, however community colleges often define full-time and part-time enrollments according to independent local criteria.

The Iowa College Student Aid Commission's full-time definition is a student enrolled for 12 or more semester credits, 12 or more quarter credits, or 24 contact hours a week each term.

B

REFERENCES

- Attewell, Paul A., David E. Lavin, Thurston Domina, and Tania Levey. 2006. New Evidence on College Remediation. *The Journal of Higher Education*. Vol. 77(5), pp. 886-924.
- Breneman, David W. and William N. Haarlow. Remediation in Higher Education. 1998. A symposium Featuring "Remedial Education: Costs and Consequences. *Fordham Report*. Vol. 2(9).
- Congressional Budget Office. 2009. Congressional Budget Office - Economic Projections. *Congressional Budget Office - Economic Projections*. <http://www.cbo.gov/budget/econproj.shtml>.
- Hussar, William, and Tabitha Bailey. 2008. *Projections of Education Statistics to 2017*. Washington, DC: U.S. Department of Education, National Center for Education Statistics, Institute for Education Sciences.
- Iowa Coordinating Council on Post-High School Education. 2008. *Iowa College and University Enrollment Report: Fall 2008*. University of Iowa.
- Iowa Department of Education. 2010a. *The Annual Condition of Education Report: 2010*. Des Moines, IA: Iowa Department of Education, Division of School Support and Information.
- . 2009. *The Annual Condition of Iowa's Community Colleges: 2008*. Des Moines, IA: Iowa Department of Education, Division of Community Colleges and Workforce Preparation
- . 2008. *The Annual Condition of Education Report: 2008*. Des Moines, IA: Iowa Department of Education, Division of School Support and Information.
- Iowa State Board of Regents. 2007. *Fall Enrollment 2007*. Board of Regents.
- Karp, Melinda M., Juan Carlos Calcagno, Katherine L. Hughes, Dong Wook Jeong, and Thomas Bailey. 2008. *Dual Enrollment Students in Florida and New York City: Postsecondary Outcomes*. CCRC Brief. Number 37 (No. 37). New York, NY: Community College Research Center.
- Kleiner, Brian, and Laurie Lewis. 2005. *Dual Enrollment of High School Students at Postsecondary Institutions: 2002-03*. Washington D.C.: U.S. Department of Education, April. <http://nces.ed.gov/pubs2005/2005008.pdf>.
- Knapp, Laura G., Janice E. Kelly-Reid, and Scott A. Ginder. 2009. Employees in Postsecondary Institutions, Fall 2008, and Salaries of Full-Time Instructional Staff, 2008-09 (NCES 2010-165). Washington D.C.: National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education.
- Levesque, Karen, Jennifer Lard, Elisabeth Hensley, Susan P. Choy, Emily Forrest Sataldi, and Lisa Hudson. 2008. *Career and Technical Education in the United States: 1990 to 2005* (NCES 2008-035). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, D.C.

- McCormack, Eugene. 2008. Community Colleges Hope to Keep Aging Professors in the Classroom. *The Chronicle of Higher Education*, June 13, sec. Special Report.
- Parsad, Basmat, and Laurie Lewis. 2008. *Distance Education at Degree-Granting Postsecondary Institutions: 2006-07*. Washington D.C.: U.S. Department of Education, National Center for Education Statistics, Institute for Education Sciences.
- Provasnik, Stephen, and Michael Planty. 2008. *Community Colleges: Special Supplement to The Condition of Education 2008*. Washington D.C.: U.S. Department of Education, August. <http://nces.ed.gov/pubs2008/2008033.pdf>.
- Schenk, Tom. 2011, forthcoming. Predicting Entry into Community Colleges from Secondary School in Iowa: 2010 Cohort. *Technical Bulletin #3*. Des Moines, IA: Iowa Department of Education.
- Schenk, Tom and Kiyoo Matsuyama. 2009. Calculating Returns to Degree Using Administrative Data: 2002 Cohort. *Technical Bulletin #2*. Des Moines, IA: Iowa Department of Education.
- Siegelman, Harvey, & Daniel Otto. 2008. The Economic Impact of Early College Opportunity Programs at Iowa's Community Colleges. Des Moines, IA: Strategic Economics Group. Retrieved from <http://www.economicsgroup.com/reports/2008%20Early%20College%20Opportunity%20Study.pdf>
- Snyder, Thomas D., Sally A. Dillow, and Charlene M. Hoffman. 2008. *Digest of Education Statistics: 2007*. Washington D.C.: U.S. Department of Education.
- U.S. Census Bureau. 2008. *Population Estimates*. Washington D.C.: U.S. Census Bureau, Population Division. www.census.gov/popest/.

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