The Annual Condition of Iowa's Community Colleges 2008

Community Colleges &
Workforce Preparation

The Annual
Condition of Iowa's Community Colleges
2008

Iowa Department of Education
Division of Community Colleges and Workforce Preparation
Bureau of Community Colleges

State of Iowa
Department of Education
Grimes State Office Building
Des Moines, Iowa

State Board of Education

Rosie Hussey, President, Clear Lake
Charles C. Edwards, Jr., Vice President, Des Moines
Sister Jude Fitzpatrick, West Des Moines
Brian Gentry, Des Moines
Wayne Kobberdahl, Council Bluffs
Valorie J. Kruse, Sioux City
Max Phillips, Woodward
LaMetta Wynn, Clinton
Kameron Dodge, (Student Member), Cambridge
Vacant

Administration

Judy A. Jeffrey, Director and Executive Officer
of the State Board of Education
Gail M. Sullivan, Chief of Staff

Division of Community Colleges and Workforce Preparation

Roger Utman Ph.D, Administrator

Bureau of Community Colleges

Colleen Hunt – Bureau Chief
Vladimir Bassis – Consultant
Kent Farver – Consultant
Geoff Jones – Information Specialist
Ken Maguire – Consultant
Tom Schenk Jr. – Consultant
Jeremy Varner – Consultant
Amy Vybiral – Consultant

It is the policy of the Iowa Department of Education not to discriminate on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, gender, disability, religion, age, political party affiliation, or actual or potential parental, family or marital status in its programs, activities, or employment practices as required by the Iowa Code sections 216.9 and 256.10(2), Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. § 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C.§§ 1681 – 1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or grievances related to compliance with this policy by the Iowa Department of Education, please contact the legal counsel for the Iowa Department of Education, Grimes State Office Building, Des Moines, IA 50319-0146, telephone number 515/281-5295; or the Director of the Office for Civil Rights, U.S. Department of Education, Citigroup Center, 500 W. Madison Street, Suite 1475, Chicago, IL 60661, telephone number 312/730-1560, fax 312/730-1576, email: OCR.Chicago@ed.gov.

Acknowledgements

Many people have contributed to the redesign of *The Annual Condition of Iowa's Community Colleges: 2008*. The project was supervised by Dr. Roger Utman and Colleen Hunt. The report was compiled and written by Vladimir Bassis, Kent Farver, Ken Maguire, Tom Schenk, Jeremy Varner, and Amy Vybiral. Geoff Jones also assisted in the compilation of data. Mary Linnenbrink graciously assisted in matching Community College MIS data with Project EASIER. Nichole Warren and Leanne Gerald provided data from the Iowa Department of Economic Development. Dr. Keith Greiner from Iowa College Student Aid Commission also provided external data.

In addition to those mentioned above, several people edited part or all of this document and provided invaluable feedback: Phyllis Hinton; Jennifer McAbee; Jay Pennington; Pat Thieben; and Andy Wermes.

Table of Contents

Sections

Section 1	Iowa Community Colleges	1
Section 2	Fall Credit Enrollment	7
Section 3	Fiscal Year Credit Enrollment and Demographics	21
Section 4	Online Credit Enrollment and Demographics	49
Section 5	Joint Enrollment and Demographics	65
Section 6	Credit Student Awards	85
Section 7	Credit Programs	129
Section 8	Non-Credit Enrollment and Programs	133
Section 9	Adult Literacy	151
Section 10	Economic Development	165
Section 11	Apprenticeship	171
Section 12	Success of Students	177
Section 13	Tuition and Fees	185
Section 14	Financial Aid	197
Section 15	Financial	201
Section 16	Human Resources	227
Section 17	Special Supplement: Jointly Enrolled Students	259

Appendices

Appendix A	Glossary	269
Appendix B	References	273
Appendix C	Index	275

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 Education to conduct a two-year study of the need to develop a statewide system of public community colleges.

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

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

After receiving the interim committee's report in 1964, the 61st General Assembly in 1965 enacted legislation that permitted the development of a statewide system of two-year postsecondary educational institutions, identified as "merged area schools." The Iowa Department of Education was to direct the operation of the development of merged area schools as either area community colleges or area vocational schools.

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

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

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

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

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

Northeast Iowa Community College
Northwest Iowa Community College
Hawkeye Community College
Kirkwood Community College
Western Iowa Tech Community College
Iowa Western Community College
Southwestern Community College
Indian Hills Community College

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

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

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

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

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

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

1. Provide high quality, comprehensive educational programs and services accessible to all Iowans.

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

3. Maximize financial and human resources to assure provision of comprehensive community college services to Iowans and to allow Iowa to compete on a national and international level.

4. Demonstrate effectiveness and efficiency for achieving the system mission and goals.

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

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

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

Iowa Code

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

- The first two years of college work, including pre-professional education.
- Vocational and technical training.
- Programs for in-service training and retraining of workers.
- Programs for high school completion for students of post-high school age.
- Programs for all students of high school age who may best serve themselves by enrolling in vocational and technical training, while also enrolled in a local high school, public or private.

- Programs for students of high school age that provide advanced college placement courses not taught at a student's high school while the student is also enrolled in the high school.
- Student personnel services.
- Community services.
- Vocational education for persons who have academic, socioeconomic, or other handicaps that prevent succeeding in regular vocational education programs.
- Training, retraining, and all necessary preparation for productive employment of all citizens.
- Vocational and technical training for persons who are not enrolled in a high school and who have not completed high school.
- Developmental education for persons who are academically or personally under prepared to succeed in their program of study.

In 2006, the 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 report.

Area 1 (NICC)
Northeast Iowa Community College
Administrative Center
Box 400
Calmar, Iowa 52132

Area 2 (NIACC)
North Iowa Area Community College
Administrative Center
500 College Drive
Mason City, Iowa 50401

Area 3 (ILCC)
Iowa Lakes Community College
Administrative Center
19 South 7th Street
Estherville, Iowa 51334

Area 4 (NCC)
Northwest Iowa Community College
Administrative Center
603 West Park Street
Sheldon, Iowa 51201-1046

Area 5 (ICCC)
Iowa Central Community College
Administrative Center
330 Avenue M
Fort Dodge, Iowa 50501

Area 6 (IVCCD)
Iowa Valley Community College District
Administrative Center
3702 South Center Street
Marshalltown, Iowa 50158

Area 7 (HCC)
Hawkeye Community College
Administrative Center
1501 East Orange Road, Box 8015
Waterloo, Iowa 50704

Area 9 (EICCD)
Eastern Iowa Community College District
Administrative Center
306 West River Road
Davenport, Iowa 52801

Area 10 (KCC)
Kirkwood Community College
Administrative Center
6301 Kirkwood Blvd., S.W., Box 2068
Cedar Rapids, Iowa 52406-2068

Area 11 (DMACC)
Des Moines Area Community College
Administrative Center
2006 South Ankeny Blvd.
Ankeny, Iowa 50021

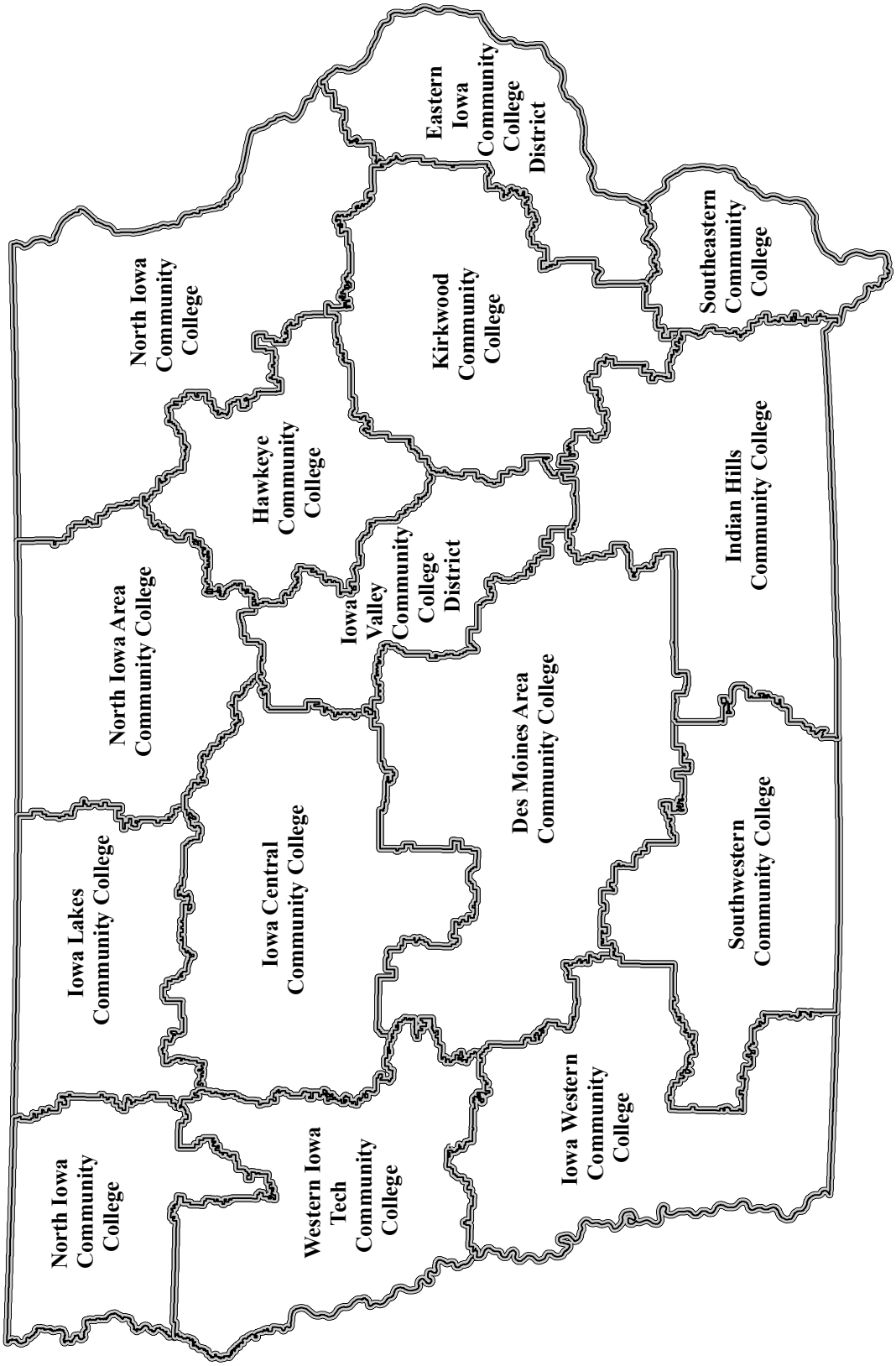
Area 12 (WITCC)
Western Iowa Tech Community College
Administrative Center
4647 Stone Avenue, Box 5199
Sioux City, Iowa 51102-5199

Area 13 (IWCC)
Iowa Western Community College
Administrative Center
2700 College Road, Box 4-C
Council Bluffs, Iowa 51502-3004

Area 14 (SWCC)
Southwestern Community College
Administrative Center
1501 West Townline Street
Creston, Iowa 50801

Area 15 (IHCC)
Indian Hills Community College
Administrative Center
525 Grandview Avenue
Ottumwa, Iowa 52501

Area 16 (SCC)
Southeastern Community College
Administrative Center
1015 South Gear Avenue, Box 180
West Burlington, Iowa 52655-0180


North Iowa Community College
Hawkeye Community College
North Iowa Area Community College
Iowa Lakes Community College
North Iowa Community College
Western Iowa Tech Community College
Iowa Central Community College
Iowa Valley Community College District
Kirkwood Community College
Eastern Iowa Community College District
Des Moines Area Community College
Iowa Western Community College
Southeastern Community College
Indian Hills Community College
Southwestern Community College

2 Fall Enrollment

Each fall the Iowa Department of Education collects enrollment data from Iowa's community colleges on the 10th business day. The fall data collection contains data on the 2008-09 academic year (fiscal year 2009). This report is the only report on fiscal year 2009 until next year's *Annual Condition of Iowa's Community Colleges*.

Fall enrollment grew 1.2 percent to a record high of 88,104 unduplicated students in fiscal year 2009 (Table 2-1). College enrollment has grown for 11 consecutive years since enrollment slipped in fiscal year 1997. In the 44-year history of the modern community college system, enrollment has only fallen four times (Figure 2-1).

Enrollment growth was slightly slower than prior years. In 2006, enrollment grew over three percent, while enrollment grew 2.5 percent last year. Nevertheless, enrollment growth is outpacing the projected nationwide growth in community colleges (Hussar and Bailey, 2008: Table 16).

For the second consecutive year, part-time enrollment exceeded full-time enrollment. Slightly over half, 50.9 percent, of students enrolled in less than 12 credit hours. Last year, part-time enrollment exceeded full-time enrollment for the first time. The shift represents growing enrollment by working students and joint enrollment—high school students who enroll in community colleges.

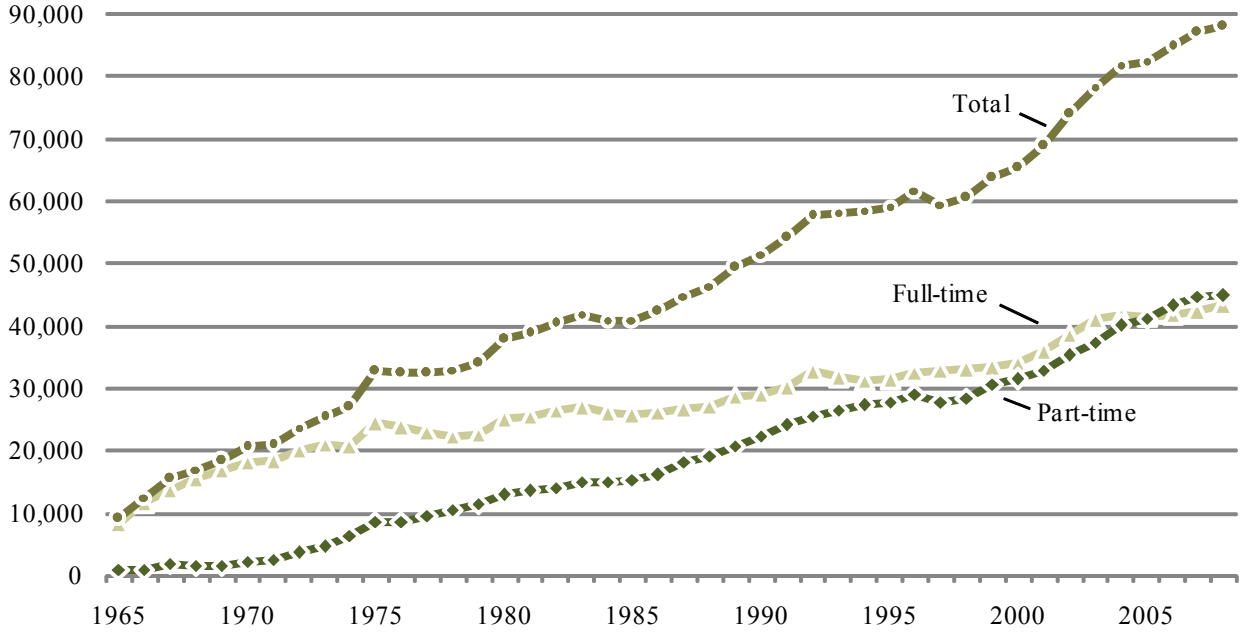
Nationally, part-time enrollment at public two-year colleges has exceeded full-time enrollment for more than 15 years. In 2006, part-time students exceeded full-

How Does Fall Differ From Fiscal Year

Fall
Collected on the 10th business day of the current year. Fall 2008 is part of fiscal year 2009.

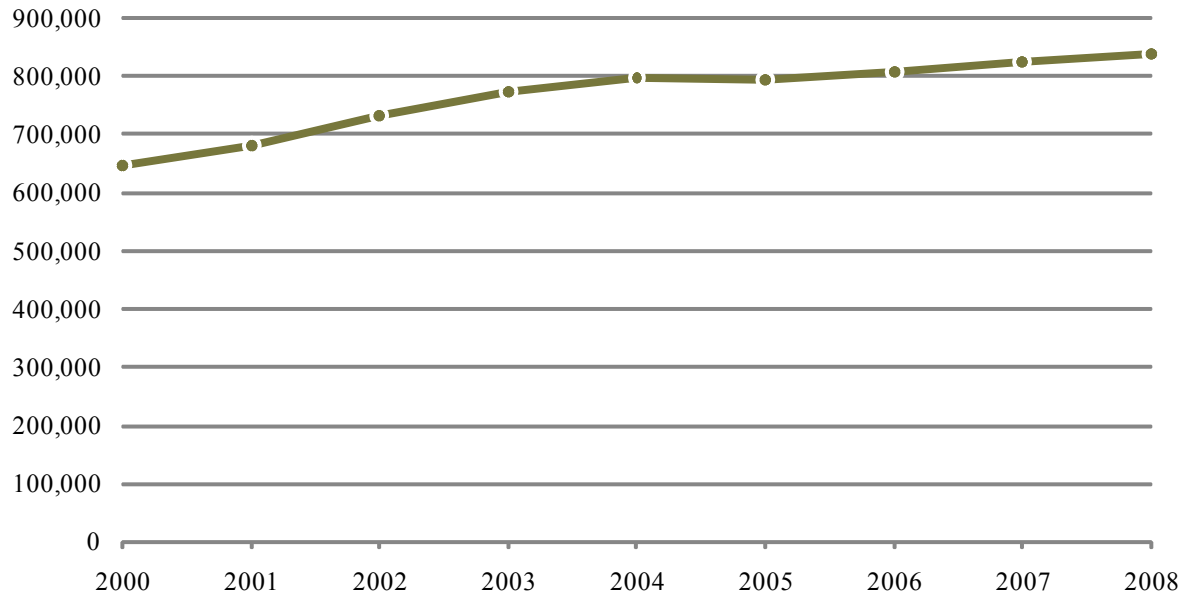
Fiscal Year
Collected at the end of the school year, after the end of the fiscal year. This report uses fiscal year 2008 data, which is also known as the 2007-08 academic year.

Figure 2-1: Fall Enrollment: 1965-2008



Source: Iowa Department of Education, Fall Enrollment Report: 2008, Figure 2.

Figure 2-2: Fall Credit Hours: 2000–2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 2-18.

time students by 60 percent (Hussar and Bailey, 2008: Table 16).

Iowa's enrollment growth has traditionally been consistent. Enrollment decreased four times—1976, 1983, 1984, and 1997—during the entire 44-year history. Full-time enrollment decreased nine times over the same period while part time enrollment only fell twice.

FALL ENROLLMENT

FALL ENROLLMENT:
88,104

GROWTH SINCE LAST YEAR:
1.2%

CREDIT HOURS:
1,831,161
Up 3.5% since 2007.

CREDIT HOURS PER STUDENT:
14.2
Decreased 0.2 hours

The remainder of this report will break down credit enrollment by credit hours, student demographics, the programs which students are enrolled, how the programs break down demographically, and joint enrollment.

Credit Hours

Students this fall have enrolled in 838,304 credit hours, which is more credit hours than last fall (Figure 2-2). Clearly, students will be enrolled in more credit hours simply because there are more students. However, the percent change in credit hours, 1.8 percent, has outpaced the percent change in students, 1.2 percent.

Table 2-14 lists the average credit hours per student since 2005. Students enrolled in just over 9.5 credit hours in the fall semster, which rose slightly from last year. Since 2005, the average credit hours dropped, which is primarily attributable to the rise of part-time students mentioned in the previously (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 9,600 classroom hours a semester.

Program Type

Enrollment in Iowa's community colleges are 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 college during Fall 2008 (Table 2-14). 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 college are CTE. Programs within CTE are designed to train students to become skilled workers after graduation. A little over 35 percent of students were enrolled in CTE programs, while approximately 41 percent of enrollments in all community colleges were 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 since 2004 (Table 2-10 and 2-14), while enrollments have increased in college parallel and CTE 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 56 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 is 22.5 years-old, which is slightly less, but consistent with the nationwide average of 23.7 (Provasnik and Planty, 2008). However, a more accurate description is the median age. In 2008, the median age is 19 years-old. Nationally, the median age for students at public two-year institutions is 21 years-old. Most students in community college are between 16 and 23 years-old.

Minorities comprise 17 percent of enrollment. Blacks are the largest minority group, but, as mentioned in prior reports (Iowa Dpeartment of Education, 2008a), Hispanics are the fastest growing minority group.

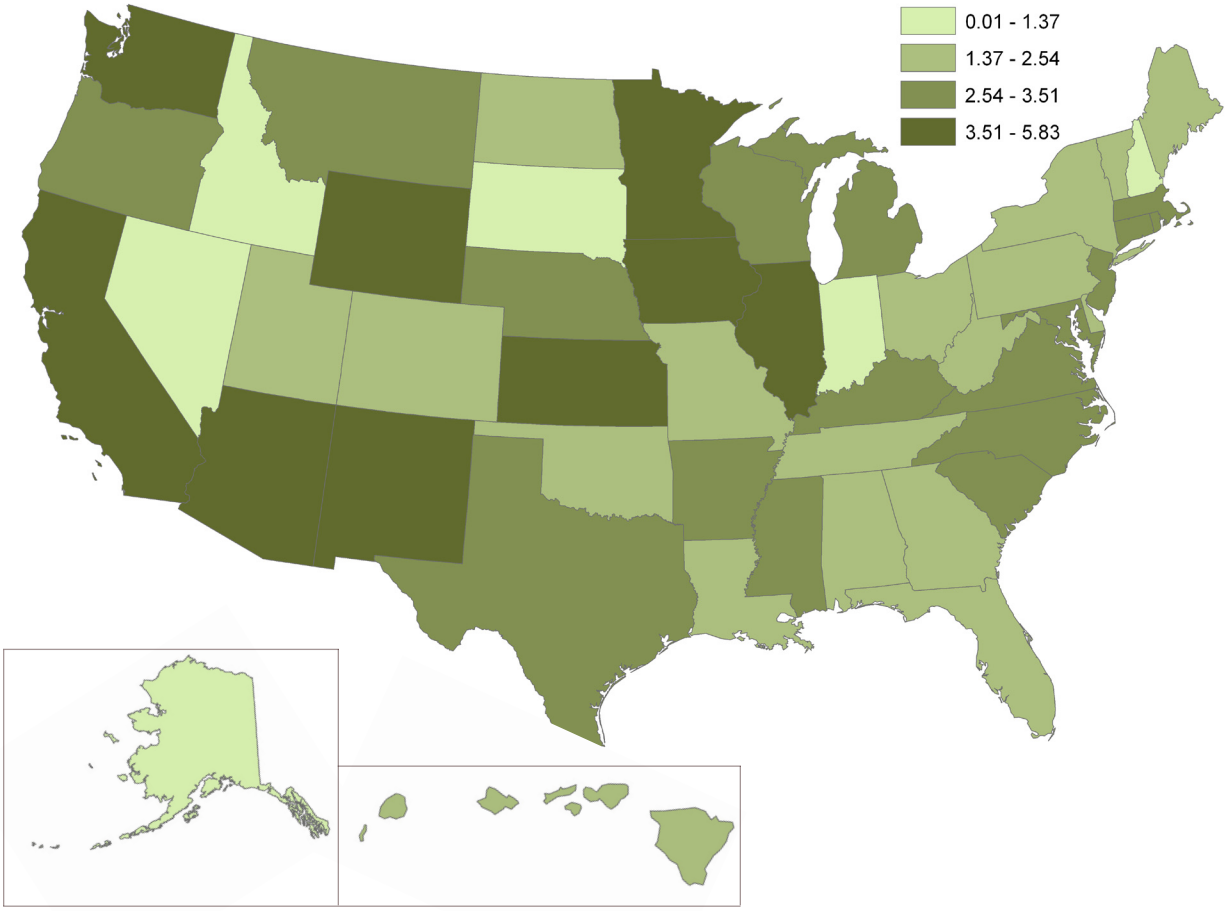
There is also a higher percentage of minority in community colleges than in the state population. The U.S. Census Bureau (2008) estimates ten percent of Iowans are non-white. Moreover, 4.9 percent of all minorities in Iowa are enrolled in community colleges—the third highest in the nation. In California, 5.8 percent of all non-whites enroll in their 101 community colleges.

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 (2008) each year.

Community colleges are the largest network of postsecondary colleges in Iowa. This year 68,178 students enrolled in public 4-year or above universities while 54,350 enrolled in private non-profit 4-year or

Figure 2-3: Ratio of Minority Enrollment to Minority Population Over 18: Fall 2006



Source: U.S. Department of Education, Integrated Postsecondary Data System, Fall 2006 and U.S. Census Bureau.

above universities (Table 2-15). Enrollment private for-profit 4-year or above universities grew rapidly to 71,896—a 65.2 percent increase since last year.

Meanwhile, enrollments in private for-profit and private non-profit two-year institutions has remained relatively small. Total enrollment in those colleges are 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 over half of community college students were part-time. Over 14 percent of enrollment at 4-year public universities and nearly 22 percent of private not-for-profit 4-year universities are part-time students.

Enrollment Projections

Community college enrollment was in line with the department's projections. Enrollment was forecaseted to grow 1.3 percent in 2009, compared to a 1.2 percent increase. Projected and actual enrollment forecasted a relatively slower rate of growth compared to the five-year historical average of 2.4 percent. However, enrollment growth is projected to increase based on the most recent data available.

Enrollment projections were developed by the Iowa Department of Education in late 2008 (Figure 2-4).

Fall Enrollment Projection: 2009

Projected Fall 2009 Enrollment:

89,920 ↑ 2.0%

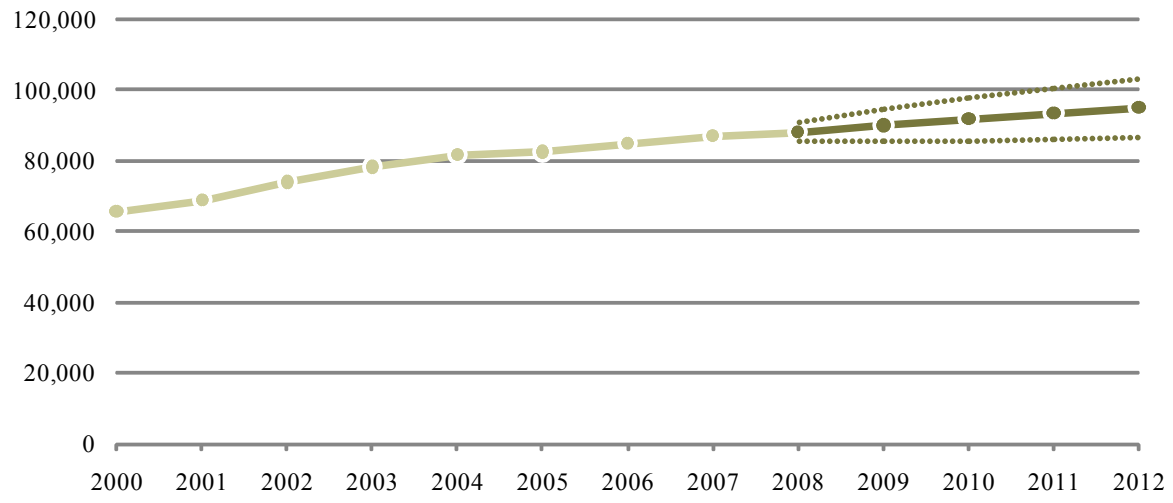
The forecasts account for prior year enrollment, a forecast of high school students (Iowa Department of Education, 2007), U.S. gross domestic product (GDP) (Congressional Budget Office, 2008), and Iowa unemployment rate. Since there is no formal forecast of Iowa's unemployment rate, a forecast was formed from the prior relationship between U.S. GDP and Iowa's unemployment rate.

Enrollment is projected to rise though 2013. Next year, enrollment is projected to increase two percent, almost twice the rate of 2008 growth. Thereafter, the growth rate is projected to slip back to 1.8 and 1.7 percent per year.

Iowa's enrollment is projected to outpace overall growth of community colleges in the United States. Hussar and Bailey (2008) estimate community colleges will grow 1.1 percent this year and 0.8 percent next year.

Enrollment forecasts are subject to change depending on population fluctuations and economic conditions. For instance, further decline in forecasted GDP will likely increase enrollment while a outward migration of high school students may decrease actual enrollment.

Figure 2-4: Projected Enrollment: 2008-2013



Source: Iowa Department of Education (2008b), *Fall Enrollment Report: 2008*, Table 6. Also see Table 2-15.

Table 2-1: Fall Credit Enrollment: 2004-2008

College	2004	2005	2006	2007	2008
Northeast	4,856	4,811	4,763	4,804	4,756
North Iowa Area	3,004	3,136	3,222	3,272	3,485
Iowa Lakes	3,158	3,085	3,213	3,170	3,059
Northwest Iowa	1,081	1,082	1,224	1,288	1,256
Iowa Central	5,312	5,352	5,491	5,731	5,733
Iowa Valley	2,601	2,600	2,829	2,800	2,986
Hawkeye	5,374	5,360	5,803	5,803	5,765
Eastern Iowa	7,275	7,243	7,192	7,329	6,975
Kirkwood	15,480	15,109	15,055	15,075	15,220
Des Moines Area	15,256	16,046	16,854	18,310	18,695
Western Iowa Tech	5,370	5,343	5,284	5,191	5,425
Iowa Western	4,844	5,092	5,375	5,300	5,642
Southwestern	1,253	1,325	1,383	1,464	1,468
Indian Hills	3,812	3,677	3,953	4,174	4,227
Southeastern	3,127	3,238	3,320	3,351	3,412
Total	**81,803**	**82,499**	**84,961**	**87,062**	**88,104**

NOTE: Each "|" denotes 500 students.

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

Table 2-2: Fall Enrollment by College and Status: Fall 2003

College	Enrollment Status		
	Full Time	Part Time	Total
Northeast	2,186||||	2,524|||||	4,710|||||||||
North Iowa Area	1,793|||	1,043||	2,836|||||
Iowa Lakes	1,472||	1,521|||	2,993|||||
Northwest Iowa	533|	546|	1,079||
Iowa Central	2,520|||||	2,643|||||	5,163||||||||||
Iowa Valley	1,548|||	787|	2,335||||
Hawkeye	3,392||||||	1,918|||	5,310|||||||||
Eastern Iowa	3,448||||||	3,670|||||||	7,118|||||||||||||
Kirkwood	8,342||||||||||||||||	6,705|||||||||||||	15,047|||||||||||||||||||||||||||
Des Moines Area	6,002||||||||||||	7,717|||||||||||||||	13,719||||||||||||||||||||||||
Western Iowa Tech	2,062||||	3,176||||||	5,238||||||||||
Iowa Western	2,404||||	2,034||||	4,438||||||||
Southwestern	727|	628|	1,355||
Indian Hills	2,655|||||	1,128||	3,783|||||||
Southeastern	1,944|||	1,213||	3,157||||||
Total	**41,028**	**37,253**	**78,281**

NOTE: Students enrolled in 12 or more credit hours are counted as full time. Each "|" denotes 500 students.
SOURCE: Iowa Department of Education, *Credit Student Enrollment Report: Fall Term 2003*: Table 1

Table 2-3: Fall Enrollment by College and Status: Fall 2004

College	Enrollment Status		
	Full Time	Part Time	Total
Northeast	2,302||||	2,554|||||	4,856|||||||||
North Iowa Area	1,761|||	1,243||	3,004||||||
Iowa Lakes	1,615|||	1,543|||	3,158||||||
Northwest Iowa	501|	580|	1,081||
Iowa Central	2,453||||	2,859|||||	5,312||||||||||
Iowa Valley	1,713|||	888|	2,601|||||
Hawkeye	3,345||||||	2,029||||	5,374|||||||||
Eastern Iowa	3,354||||||	3,921|||||||	7,275|||||||||||||
Kirkwood	8,526||||||||||||||||	6,954|||||||||||||	15,480|||||||||||||||||||||||||||
Des Moines Area	6,260||||||||||||	8,996||||||||||||||||	15,256|||||||||||||||||||||||||||
Western Iowa Tech	2,148||||	3,222||||||	5,370|||||||||
Iowa Western	2,676|||||	2,168||||	4,844|||||||||
Southwestern	682|	571|	1,253||
Indian Hills	2,576|||||	1,236||	3,812|||||||
Southeastern	1,866|||	1,261||	3,127||||||
Total	**41,778**	**40,025**	**81,803**

NOTE: Students enrolled in 12 or more credit hours are counted as full time. Each "|" denotes 500 students.
SOURCE: Iowa Department of Education, *Credit Student Enrollment Report: Fall Term 2004*: Table 1

Table 2-4: Fall Enrollment by College and Status: Fall 2005

College	Enrollment Status		
	Full Time	Part Time	Total
Northeast	2,018	2,793	4,811
North Iowa Area	1,735	1,401	3,136
Iowa Lakes	1,604	1,481	3,085
Northwest Iowa	519	563	1,082
Iowa Central	2,472	2,880	5,352
Iowa Valley	1,576	1,024	2,600
Hawkeye	3,271	2,089	5,360
Eastern Iowa	3,517	3,726	7,243
Kirkwood	8,486	6,623	15,109
Des Moines Area	6,380	9,666	16,046
Western Iowa Tech	2,086	3,257	5,343
Iowa Western	2,749	2,343	5,092
Southwestern	674	651	1,325
Indian Hills	2,408	1,269	3,677
Southeastern	1,940	1,298	3,238
Total	**41,435**	**41,064**	**82,499**

NOTE: Students enrolled in 12 or more credit hours are counted as full time. Each "|" denotes 500 students.
SOURCE: Iowa Department of Education, *Credit Student Enrollment Report: Fall Term 2005*: Table 1

Table 2-5: 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, *Credit Student Enrollment Report: Fall Term 2006*: Table 1

Table 2-6: 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, *Credit Student Enrollment Report: Fall Term 2007*: Table 1

Table 2-7: 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, *Fall Enrollment Report 2008*: Table 1

Table 2-8: Fall Credit Hours: 2004-2008

College	2004	2005	2006	2007	2008
Northeast	47,207	44,041	43,757	44,097	44,917
North Iowa Area	31,676	31,105	21,148	21,849	34,889
Iowa Lakes	32,383	32,518	32,696	21,366	32,454
Northwest	10,913	11,454	12,382	12,138	12,950
Iowa Central	50,718	50,968	51,092	54,186	55,590
Iowa Valley	29,965	28,488	28,689	28,783	30,388
Hawkeye	59,526	57,860	60,749	60,661	60,088
Eastern Iowa	69,024	69,755	66,663	67,371	64,623
Kirkwood	157,778	154,161	154,600	154,313	152,298
Des Moines Area	133,565	137,216	143,974	154,822	161,547
Western Iowa Tech	46,479	45,940	45,216	44,499	46,768
Iowa Western	49,827	52,763	55,624	54,470	58,611
Southwestern	13,223	13,619	14,781	14,978	14,380
Indian Hills	31,659	30,136	21,313	33,892	33,991
Southeast	33,751	34,571	34,576	34,178	34,811
Total	**797,692**	**794,592**	**808,259**	**823,602**	**838,304**

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

Table 2-9: Fall Credit Hours: per student 2003–2008

College	2003	2004	2005	2006	2007	2008
Northeast	9.58	9.72	9.15	9.19	9.18	9.44
North Iowa Area	11.04	10.54	9.92	6.56	6.68	10.01
Iowa Lakes	10.10	10.25	10.54	10.18	6.74	10.61
Northwest Iowa	10.44	10.10	10.59	10.12	9.42	10.31
Iowa Central	9.70	9.55	9.52	9.30	9.45	9.70
Iowa Valley	11.33	11.52	10.96	10.14	10.28	10.18
Hawkeye	11.28	11.08	10.79	10.47	10.45	10.42
Eastern Iowa	9.69	9.49	9.63	9.27	9.19	9.26
Kirkwood	10.15	10.19	10.20	10.27	10.24	10.01
Des Moines Area	9.01	8.75	8.55	8.54	8.46	8.64
Western Iowa Tech	8.71	8.66	8.60	8.56	8.57	8.62
Iowa Western	10.16	10.29	10.36	10.35	10.28	10.39
Southwestern	10.56	10.55	10.28	10.69	10.23	9.80
Indian Hills	8.63	8.31	8.20	5.39	8.12	8.04
Southeastern	10.91	10.79	10.68	10.41	10.20	10.20

SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS: see Table 2-1 and Table 2-13.

Table 2-10: Fall Enrollment by College and Program Type: Fall 2004

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,643	32	2,027	8
North Iowa Area	1,916	361	559	0
Iowa Lakes	1,459	604	930	0
Northwest Iowa	593	37	443	6
Iowa Central	3,545	397	1,221	0
Iowa Valley	1,625	242	468	0
Hawkeye	2,691	6	2,612	1
Eastern Iowa	4,013	24	3,081	0
Kirkwood	7,249	1,505	6,202	91
Des Moines Area	9,567	1,413	2,739	0
Western Iowa Tech	2,115	0	3,123	0
Iowa Western	2,923	74	1,441	0
Southwestern	760	147	448	0
Indian Hills	1,746	159	1,877	1
Southeastern	1,466	225	1,441	25
Total	**44,311**	**5,226**	**28,612**	**132**

NOTE: Each "|" denotes 250 students.

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

Table 2-11: Fall Enrollment by College and Program Type: Fall 2005

College	College Parallel	Career Option	Career and Technical Education	Combination
Northeast	2,693	35	2,115	13
North Iowa Area	1,879	462	663	0
Iowa Lakes	1,494	562	1,102	0
Northwest Iowa	577	46	456	2
Iowa Central	3,467	437	1,408	0
Iowa Valley	1,838	284	479	0
Hawkeye	2,690	2	2,681	1
Eastern Iowa	4,088	6	3,181	0
Kirkwood	7,494	1,317	6,592	77
Des Moines Area	10,231	1,879	3,146	0
Western Iowa Tech	2,237	0	3,133	0
Iowa Western	3,295	54	1,495	0
Southwestern	653	108	474	18
Indian Hills	1,900	58	1,851	3
Southeastern	1,322	257	1,527	21
Total	**45,858**	**5,507**	**30,303**	**135**

NOTE: Each "|" denotes 250 students.

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

Table 2-12: 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, Bureau of Community Colleges, Community College MIS.

Table 2-13: 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, Bureau of Community Colleges, Community College MIS.

Table 2-14: 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 "I" denotes 250 students.

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

Table 2-15: Fall Enrollment by Institution Type: 2008

Institution Type	Fall Enrollment
Public 4-year or Above	70,325
Private Non-profit 4-year or Above	54,350
Private for Profit 4-year or Above	71,896
Public 2-year	88,104
Private Non-Profit 2-year	255
Private For-Profit 2-year	1,643

NOTE: Each "I" denotes 5,000 students.
SOURCE: Iowa Coordinating Council on Post-High School Education, Iowa College and University Enrollment Report.

Table 2-16: Fall Enrollment Projections: 2008-2012

Year	Actual Enrollment	Predicted Enrollment	Upper Estimate	Lower estimate	Predicted Percent Gain
2008	88,104	88,182	90,943	85,421	1.2%
2009		89,920	94,441	85,398	2.0%
2010		91,709	97,631	85,787	2.0%
2011		93,369	100,459	86,280	1.8%
2012		94,969	103,070	86,869	1.9%

NOTE: Projections are based on previous year enrollment, high school enrollment, real U.S. gross domestic product (GDP), and Iowa unemployment rate.
SOURCE: Iowa Department of Education (2008b), Fall Enrollment Report 2008: Table 6

3 Fiscal Year Credit Enrollment and Demographics

Fiscal year credit enrollment follows students through academic year 2007-2008. 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 2008 to 128,146 students. Enrollment has steadily increased for Iowa's community colleges since tracking began in fiscal year 2000. Enrollment growth was slighly above eight years' average of 1.6% this year, 1.7%, slower than the 3.5% growth from last year (Figure 3-1). The same trend is manifested by slower rate of increase for credit hours: only 1.5% this year compared to 2.8% last year (Figure 3-2). On average, students enrolled in 14.5 credit hours per term (Figure 3-2), slightly more than full-time status.

Iowa's enrollment growth has outpaced the national average. Since 2000, enrollment in 2-year institutions grew 9.5 percent, while Iowa's enrollment grew 34.1 percent.

Total enrollment has been driven by growth in arts and sciences. Arts and sciences majors have increased 1,241 to 75,655 students, while career and technical education (CTE) majors dropped 74 to 40,500. However, the share of both programs remained steady. Sixty percent of students were arts and science majors and the share of CTE majors also remained close to 2007 numbers at 31.6 percent (Figure 3-3).

Health Science remained the largest CTE program, followed by Business, Management and Administration. Since 2000, health majors almost doubled in Iowa's community colleges (94 percent growth)—the largest

Credit Enrollment

Number of Students: **128,146**

Growth since last year: **1.7%**

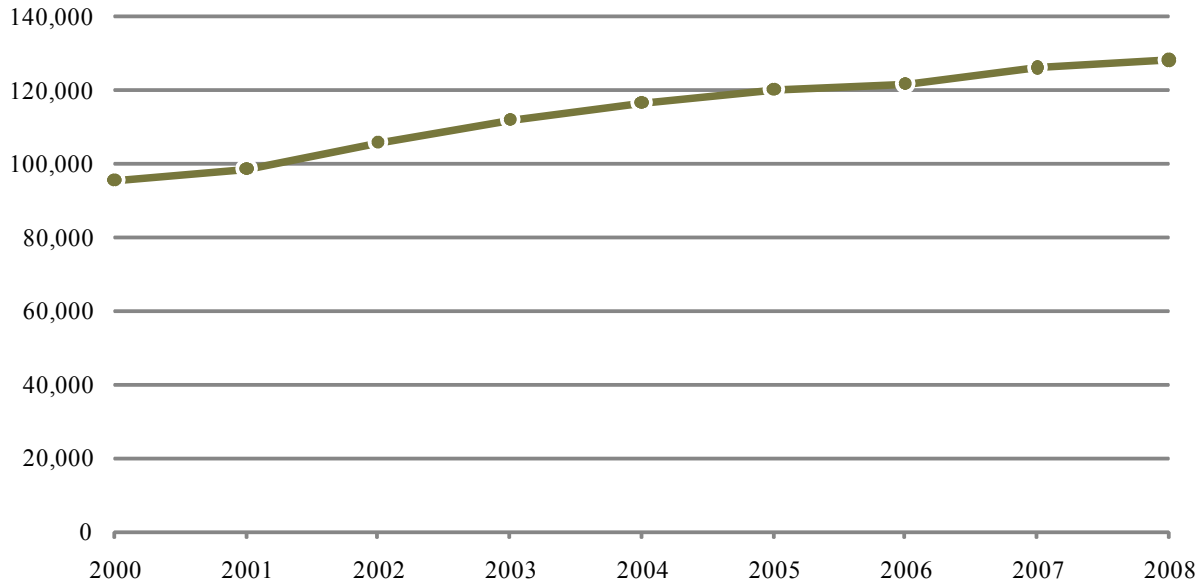
Credit Hours: **1,858,915**

Up 3.5% since 2007

Average Credit Hours per Student: **14.5**

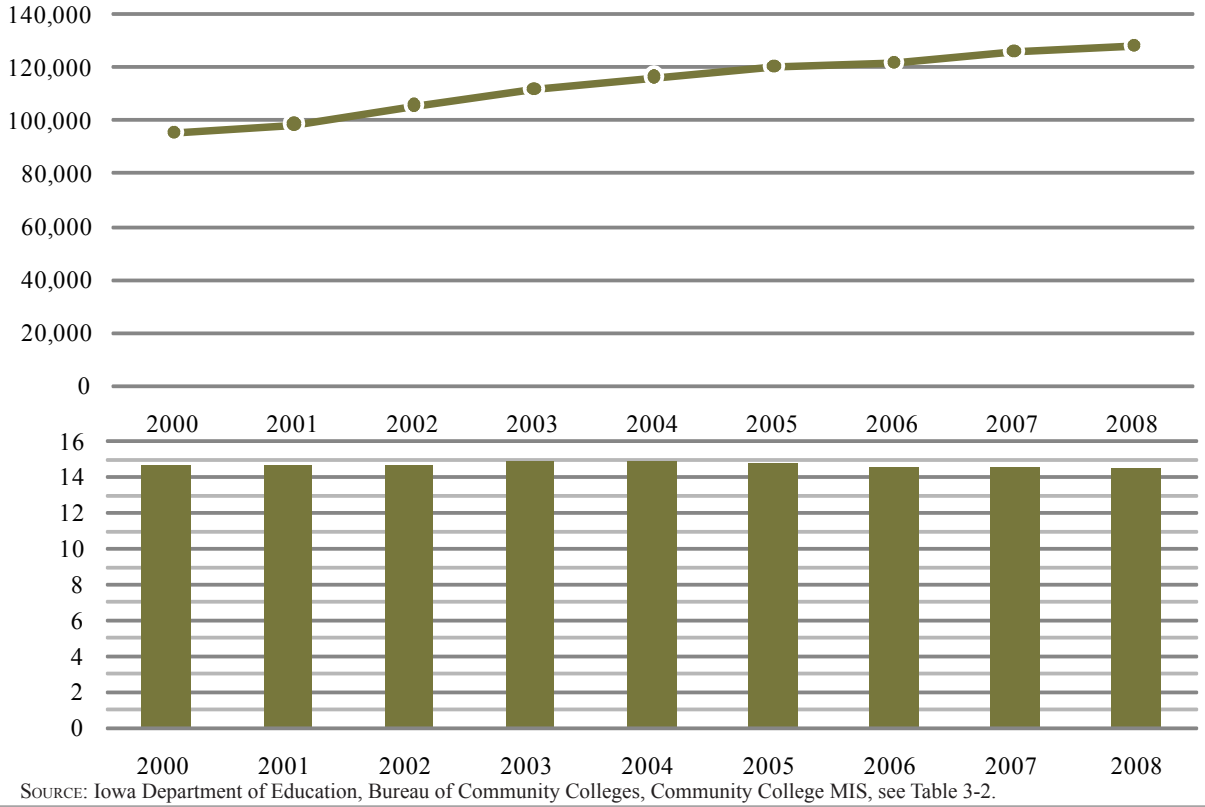
Decreased 0.2 hours

Figure 3-1: Fiscal Year Unduplicated Credit Enrollment: 2000-2008



Note: *The Chronicle of Higher Education Almanac: 2008-09.* Source: Iowa Department of Education, Bureau of Community Colleges, see Table 3-1.

Figure 3-2: Fiscal Year Credit Hours (top of the chart) and Average Credit Hours per Student (bottom of the chart): 2000-2008



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

increase for any program. However, enrollment in the last three years has decreased slightly. Overall, the largest programs have grown sporadically. Family and Consumer Sciences programs have grown consistently and steadily—31.5 percent since 2000 (Figure 3-7).

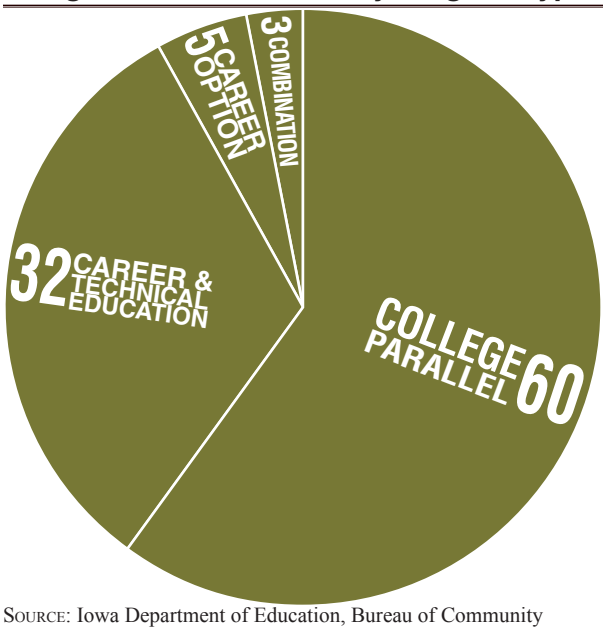
Student Demographics

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

One unchanging aspect is gender composition. Females continue to outnumber males in community colleges, 57 to 43 percent, respectively (Figure 3-4). Since the Community College MIS was established, females have composed most of community college enrollment, remaining steady between 56 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 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 24.6 years-old, the same as the most recent national estimate (Snyder, Tan, and Hoffman, 2008). The average community college

Figure 3-3: Enrollment by Program Type



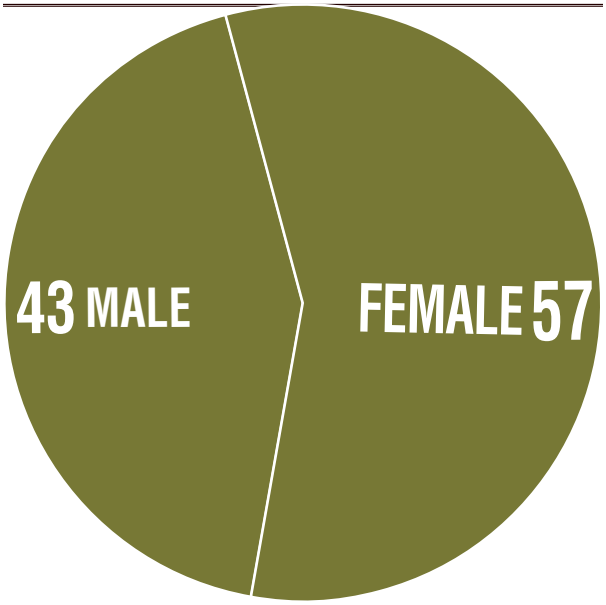
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 3-7.

student is also older than a typical student at a four-year university. For instance, the average age for students attending a Regent university was slightly over 21 years-old (Iowa State Board of Regents, 2007).

Nevertheless, community colleges were also serving a younger demographic. The share of students who were 17 and under has risen from 5.1 percent in 2000 to 11.9 percent in 2008 (Table 3-12, Iowa Department of Education, 2002). Community colleges are also reaching a greater number of traditional-age students between ages 18 and 26 (Figure 3-5).

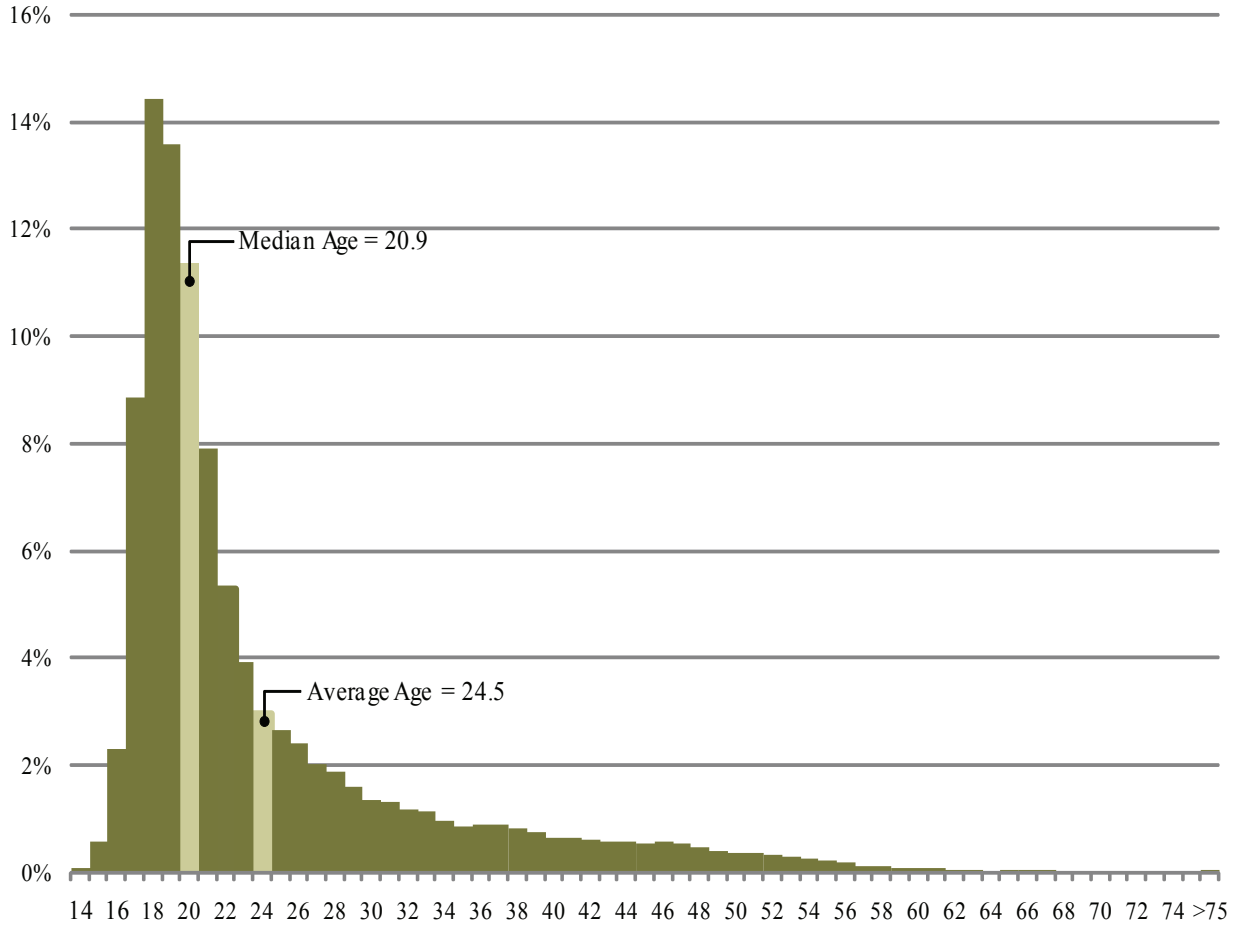
A larger share of minorities attend community colleges than the state average. In the latest Census estimates, 91 percent of Iowans identify themselves as white. Meanwhile, only 89 percent of community college students identify themselves as white. Blacks are currently the largest and fastest growing minority group, followed by Hispanics (Figure 3-6).

Figure 3-4: Credit Student Gender



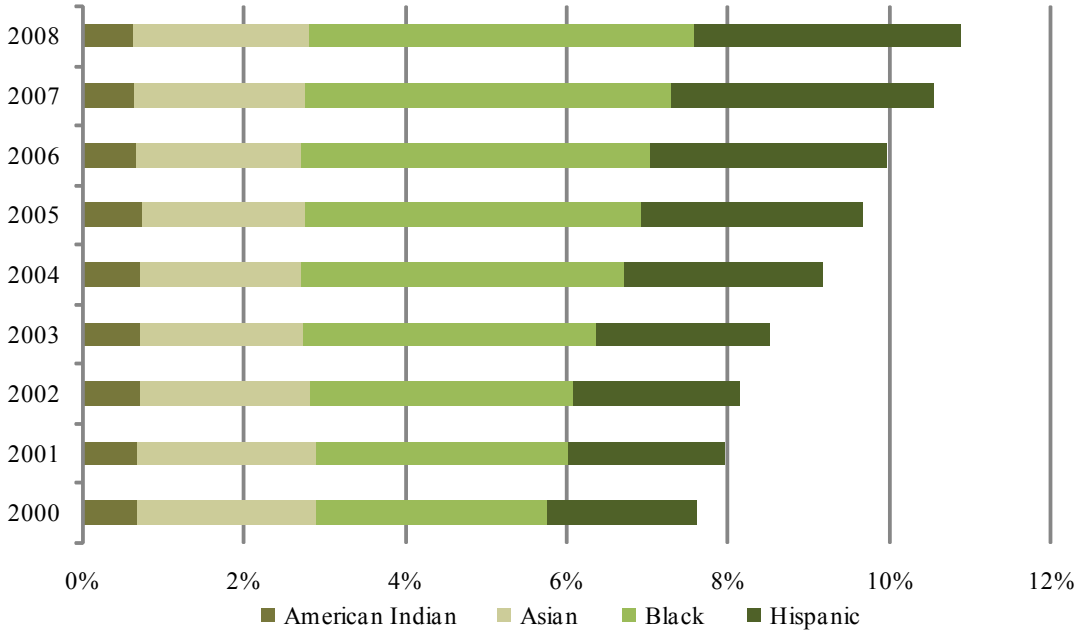
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 3-13.

Figure 3-5: Credit Student Age



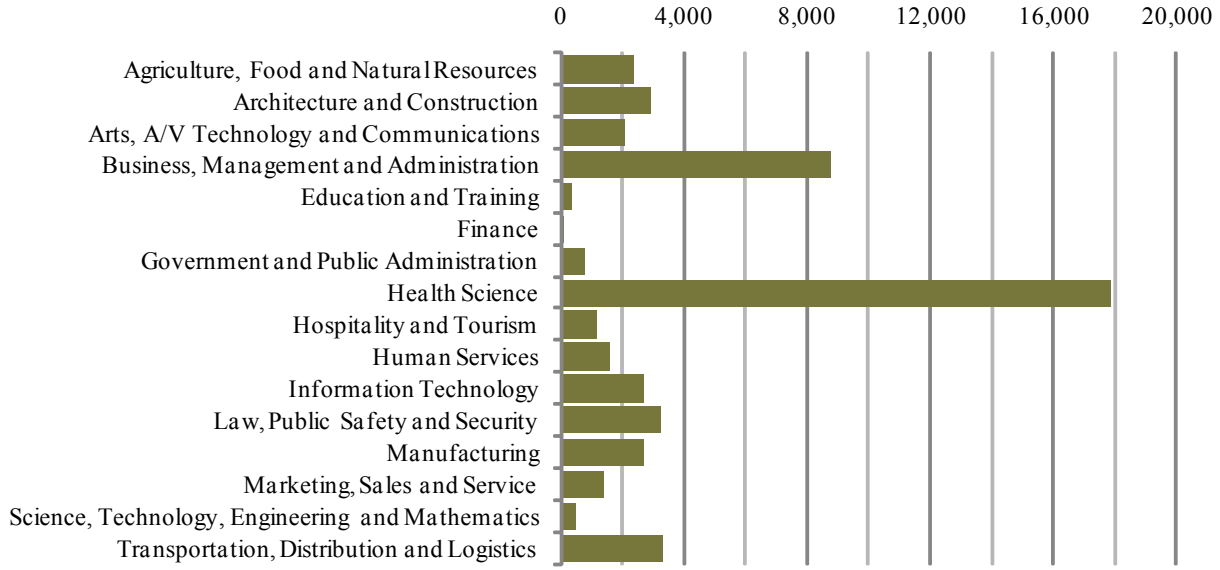
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 3-12.

Figure 3-6: Credit Enrollment by Racial Minorities: 2000-2008



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

Figure 3-7: Enrollment by Career and Technical Education Major: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 3-28.

Table 3-1: Fiscal Year Unduplicated Credit Enrollment: 2004–2008

College	2004	2005	2006	2007	2008	Average Change 2004 to 2008
Northeast	6,816	6,951	7,033	6,739	6,827	0%
North Iowa Area	4,073	4,267	4,366	4,475	4,718	3%
Iowa Lakes	4,428	4,516	4,558	4,581	4,402	0%
Northwest	1,699	1,661	1,766	2,004	2,116	4%
Iowa Central	6,528	6,932	6,919	7,456	7,916	4%
Iowa Valley	3,507	4,068	3,869	4,023	3,977	3%
Hawkeye	7,821	7,750	7,837	8,376	8,374	1%
Eastern Iowa	10,721	11,223	11,355	11,114	11,278	1%
Kirkwood	20,846	21,468	20,418	21,674	21,461	1%
Des Moines Area	23,465	24,780	26,801	28,054	29,573	5%
Western Iowa Tech	7,979	8,026	7,802	7,665	7,570	-1%
Iowa Western	6,032	6,243	6,610	6,888	6,855	3%
Southwestern	1,800	1,727	1,810	1,868	1,992	2%
Indian Hills	6,255	6,132	6,068	6,464	6,544	1%
Southeastern	4,469	4,473	4,541	4,609	4,543	0%
Total	**116,439**	**120,217**	**121,753**	**125,990**	**128,146**	**2%**

NOTE: Each "|" denotes 1,500 students.
SOURCE: Bureau of Community Colleges, Community College MIS.

Table 3-2: Fiscal Year Credit Hours: 2004–2008

College	2004	2005	2006	2007	2008	Average Change 2004 to 2008
Northeast	101,816	104,437	95,769	92,109	97,481	-0.9%
North Iowa Area	66,528	67,511	66,246	66,027	68,219	0.5%
Iowa Lakes	68,268	71,013	70,472	71,587	69,415	0.3%
Northwest	25,636	24,757	26,690	28,512	29,668	3.0%
Iowa Central	98,431	102,600	103,484	108,405	117,381	3.6%
Iowa Valley	61,044	67,048	61,685	62,105	61,988	0.3%
Hawkeye	124,205	122,127	120,959	127,104	126,222	0.3%
Eastern Iowa	153,070	154,483	160,349	149,251	149,518	-0.5%
Kirkwood	329,923	342,063	332,694	351,067	337,606	0.5%
Des Moines Area	297,319	309,718	325,384	345,204	371,161	4.5%
Western Iowa Tech	102,749	106,498	102,455	101,623	99,937	-0.6%
Iowa Western	96,516	103,785	109,566	114,618	114,261	3.4%
Southwestern	30,883	29,300	29,499	32,455	32,228	0.9%
Indian Hills	104,837	101,692	100,558	107,736	109,797	0.9%
Southeastern	76,686	75,157	75,217	73,360	74,034	-0.7%
Total	**1,737,909**	**1,782,189**	**1,781,027**	**1,831,161**	**1,858,915**	**1.36%**

NOTE: Each "|" denotes 20,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-3: Fiscal Year Enrollment by College and Program Type: 2004

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,072||||	34	2,540||	170	6,816||||||
North Iowa Area	2,592||	453	797	231	4,073||||
Iowa Lakes	2,401||	586	1,318|	123	4,428||||
Northwest	1,134|	46	485	34	1,699|
Iowa Central	4,495||||	312	1,298|	423	6,528||||||
Iowa Valley	2,641||	329	537	0	3,507|||
Hawkeye	4,291||||	6	3,359|||	165	7,821|||||||
Eastern Iowa	6,332||||||	12	4,101||||	276	10,721||||||||||
Kirkwood	10,469||||||||||	1,717|	7,833|||||||	827	20,846||||||||||||||||||
Des Moines Area	16,962||||||||||||||||	1,952|	3,501|||	1,050|	23,465|||||||||||||||||||||
Western Iowa Tech	3,600|||	0	4,379||||	0	7,979|||||||
Iowa Western	4,066||||	88	1,742|	136	6,032||||||
Southwestern	1,123|	177	443	57	1,800|
Indian Hills	2,725||	180	2,959||	391	6,255||||||
Southeastern	2,130||	246	1,851|	242	4,469||||
Total	**69,033**	**6,138**	**37,143**	**4,125**	**116,439**

NOTE: Each "|" denotes 1,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-4: Fiscal Year Enrollment by College and Program Type: 2005

College	Arts & Sciences Only	Career Option Only	Career & Technical Only	Combination	Total
Northeast	4,202||||	43	2,563||	143	6,951||||||
North Iowa Area	2,559||	428	1,004|	276	4,267||||
Iowa Lakes	2,414||	621	1,346|	135	4,516||||
Northwest	1,090|	50	482	39	1,661|
Iowa Central	4,878||||	423	1,519|	112	6,932||||||
Iowa Valley	3,179|||	286	603	0	4,068||||
Hawkeye	4,299||||	3	3,285|||	163	7,750|||||||
Eastern Iowa	6,762||||||	8	4,190||||	263	11,223||||||||||
Kirkwood	10,879||||||||||	1,773|	8,055||||||||	761	21,468||||||||||||||||||
Des Moines Area	17,621||||||||||||||||	2,190||	3,714|||	1,255|	24,780|||||||||||||||||||||
Western Iowa Tech	3,619|||	0	4,407||||	0	8,026||||||||
Iowa Western	4,201||||	32	1,517|	493	6,243||||||
Southwestern	1,082|	133	482	30	1,727|
Indian Hills	2,769||	75	2,968||	320	6,132||||||
Southeastern	2,034||	297	1,869|	273	4,473||||
Total	**71,588**	**6,362**	**38,004**	**4,263**	**120,217**

NOTE: Each "|" denotes 1,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-5: 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 "|" denotes 1,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-6: Fiscal Year Enrollment by College and Program Type: 2007

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

NOTE: Each "|" denotes 1,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-7: 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, Bureau of Community Colleges, Community College MIS.

Table 3-8: Fiscal Year Enrollment by College and Age Groups: 2004

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	691|	3,582|||||||	764|	419	641|	670|	42	7	6,816
North Iowa Area	317	2,390||||	410	249	326	356	25	0	4,073
Iowa Lakes	669|	2,360||||	413	219	286	394	75	12	4,428
Northwest	120	1,129||	149	61	110	111	6	13	1,699
Iowa Central	926|	3,747|||||||	540|	274	416	378	33	214	6,528
Iowa Valley	276	1,988|||	336	190	297	311	89	20	3,507
Hawkeye	343	4,471||||||||	1,308||	535|	596|	524|	42	2	7,821
Eastern Iowa	431	4,934|||||||||	1,640|||	989|	1,391||	1,192||	96	48	10,721
Kirkwood	866|	11,493|||||||||||||||||||||	3,095||||||	1,558|||	1,928|||	1,673|||	132	101	20,846
Des Moines Area	2,401||||	11,836||||||||||||||||||||||	3,174||||||	1,621|||	2,188||||	1,839|||	223	183	23,465
Western Iowa Tech	988|	3,772|||||||	969|	640|	768|	742|	60	40	7,979
Iowa Western	563|	3,403||||||	675|	366	531|	447	21	26	6,032
Southwestern	127	1,052||	167	100	151	186	17	0	1,800
Indian Hills	234	2,844|||||	727|	450	761|	844|	125	270	6,255
Southeastern	210	2,149||||	537|	348	563|	563|	64	35	4,469
Total	**9,162**	**61,150**	**14,904**	**8,019**	**10,953**	**10,230**	**1,050**	**971**	**116,439**
% of Total	**8%**	**53%**	**13%**	**7%**	**9%**	**9%**	**1%**	**1%**	**100%**

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

Table 3-9: Fiscal Year Enrollment by College and Age Groups: 2005

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Response	Total
Northeast	776|	3,737|||||||	761|	414	600|	612|	34	17	6,951
North Iowa Area	404	2,528|||||	447	222	335	309	21	1	4,267
Iowa Lakes	637|	2,364||||	420	231	340	384	75	65	4,516
Northwest	132	1,083||	159	62	96	95	9	25	1,661
Iowa Central	1,144||	3,965|||||||	626|	306	430	367	36	58	6,932
Iowa Valley	317	2,207||||	419	223	348	361	147	46	4,068
Hawkeye	365	4,318||||||||	1,340||	578|	605|	502|	37	5	7,750
Eastern Iowa	660|	5,153|||||||||	1,670|||	1,064||	1,369||	1,160||	91	56	11,223
Kirkwood	840|	11,704|||||||||||||||||||||	3,374||||||	1,596|||	1,992|||	1,630|||	149	183	21,468
Des Moines Area	2,976|||||	12,532|||||||||||||||||||||||	3,239||||||	1,631|||	2,157||||	1,894|||	229	122	24,780
Western Iowa Tech	1,110||	3,669|||||||	985|	651|	789|	714|	76	32	8,026
Iowa Western	548|	3,571|||||||	725|	388	536|	409	31	35	6,243
Southwestern	152	1,017||	149	89	145	161	14	0	1,727
Indian Hills	285	2,780|||||	740|	460	709|	747|	122	289	6,132
Southeastern	247	2,136||||	528|	349	545|	544|	58	66	4,473
Total	**10,593**	**62,764**	**15,582**	**8,264**	**10,996**	**9,889**	**1,129**	**1000**	**120,217**
% of Total	**9%**	**52%**	**13%**	**7%**	**9%**	**8%**	**1%**	**1%**	**100%**

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

Table 3-10: 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**	**1205**	**121,753**
% of Total	**10%**	**52%**	**13%**	**7%**	**9%**	**8%**	**1%**	**1%**	**100%**

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

Table 3-11: 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 "I" denotes 500 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-12: 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, Bureau of Community Colleges, Community College MIS.

Table 3-13: Fiscal Year Enrollment by College and Gender: 2004-2008

College	2004				2005				2006				2007				2008			
	Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
Northeast	2,594	38%	4,222	62%	2,628	38%	4,323	62%	2,686	38%	4,347	62%	2,716	40%	4,023	60%	2,732	40%	4,095	60%
North Iowa Area	1,764	43%	2,309	57%	1,862	44%	2,405	56%	1,871	43%	2,495	57%	1,965	44%	2,509	56%	2,085	44%	2,633	56%
Iowa Lakes	1,866	42%	2,562	58%	1,866	41%	2,650	59%	1,855	41%	2,703	59%	1,957	43%	2,624	57%	1,822	42%	2,554	58%
Northwest	727	43%	972	57%	726	44%	935	56%	787	45%	979	55%	887	44%	1,114	56%	923	44%	1,186	56%
Iowa Central	3,084	47%	3,444	53%	3,433	50%	3,499	50%	3,448	50%	3,471	50%	3,736	50%	3,720	50%	3,862	49%	4,054	51%
Iowa Valley	1,490	42%	2,017	58%	1,668	41%	2,400	59%	1,572	41%	2,297	59%	1,690	42%	2,333	58%	1,660	42%	2,307	58%
Hawkeye	3,271	42%	4,550	58%	3,208	41%	4,542	59%	3,302	42%	4,535	58%	3,576	43%	4,800	57%	3,709	44%	4,665	56%
Eastern Iowa	4,213	39%	6,508	61%	4,443	40%	6,780	60%	4,440	39%	6,825	61%	4,429	40%	6,685	60%	4,524	40%	6,754	60%
Kirkwood	9,286	45%	11,560	55%	9,467	44%	12,001	56%	9,200	45%	11,218	55%	9,832	46%	11,768	54%	9,770	46%	11,691	54%
Des Moines Area	10,046	43%	13,419	57%	10,707	43%	14,073	57%	11,766	44%	15,035	56%	12,362	44%	15,692	56%	13,040	44%	16,533	56%
Western Iowa Tech	3,456	43%	4,523	57%	3,383	42%	4,642	58%	3,346	43%	4,456	57%	3,206	42%	4,459	58%	3,124	41%	4,445	59%
Iowa Western	2,458	41%	3,573	59%	2,614	42%	3,629	58%	2,742	41%	3,868	59%	2,963	43%	3,925	57%	2,916	43%	3,939	57%
Southwestern	734	41%	1,066	59%	705	41%	1,022	59%	792	44%	1,018	56%	744	40%	1,124	60%	787	40%	1,205	60%
Indian Hills	2,482	40%	3,696	60%	2,421	40%	3,617	60%	2,327	39%	3,607	61%	2,465	39%	3,829	61%	2,445	38%	3,970	62%
Southeastern	1,689	38%	2,780	62%	1,631	36%	2,842	64%	1,637	36%	2,894	64%	1,661	36%	2,948	64%	1,607	35%	2,934	65%
Total	**49,160**	**42%**	**67,201**	**58%**	**50,762**	**42%**	**69,360**	**58%**	**51,771**	**43%**	**69,748**	**57%**	**54,189**	**43%**	**71,553**	**57%**	**55,006**	**43%**	**72,965**	**57%**

Note: Unknown students were omitted from the chart. In fiscal year 2004, 78 students (0.07%) were not reported with a gender; fiscal year 2005: 95 (0.08%); fiscal year 2006: 234 (0.19%); fiscal year 2007: 258 (0.21%); fiscal year 2008: 175 (0.14%). Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-14: Fiscal Year Enrollment by College and Ethnicity/Race: 2004

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	24	36	86	42	5,085	1,543	6,816
North Iowa Area	7	46	135	94	3,786	5	4,073
Iowa Lakes	14	21	26	39	4,304	24	4,428
Northwest	3	21	6	14	1,595	60	1,699
Iowa Central	18	98	166	138	5,551	557	6,528
Iowa Valley	57	45	134	113	3,004	154	3,507
Hawkeye	35	90	677	116	6,799	104	7,821
Eastern Iowa	63	169	554	435	8,349	1,151	10,721
Kirkwood	236	329	704	436	16,938	2,203	20,846
Des Moines Area	85	866	1,277	469	19,265	1,503	23,465
Western Iowa Tech	144	203	155	394	6,560	523	7,979
Iowa Western	27	81	148	108	5,036	632	6,032
Southwestern	2	7	26	19	1,746	0	1,800
Indian Hills	40	80	83	96	5,668	288	6,255
Southeastern	18	51	139	116	3,998	147	4,469
Total	**773**	**2,143**	**4,316**	**2,629**	**97,684**	**8,894**	**116,439**

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

Table 3-15: Fiscal Year Enrollment by College and Ethnicity/Race: 2005

College	American Indian	Asian	Black	Hispanic	White	No Response	Total
Northeast	23	32	86	46	4,859	1,905	6,951
North Iowa Area	11	61	124	113	3,956	2	4,267
Iowa Lakes	10	31	36	39	4,361	39	4,516
Northwest	1	13	3	16	1,562	66	1,661
Iowa Central	25	110	245	242	5,947	363	6,932
Iowa Valley	72	48	149	145	3,401	253	4,068
Hawkeye	26	108	648	113	6,730	125	7,750
Eastern Iowa	79	166	624	491	8,736	1,127	11,223
Kirkwood	219	328	771	448	17,277	2,425	21,468
Des Moines Area	140	933	1,299	603	20,179	1,626	24,780
Western Iowa Tech	136	191	167	409	6,407	716	8,026
Iowa Western	25	77	188	138	5,124	691	6,243
Southwestern	3	8	22	19	1,672	3	1,727
Indian Hills	37	72	80	107	5,524	312	6,132
Southeastern	17	49	141	115	3,940	211	4,473
Total	**824**	**2,227**	**4,583**	**3,044**	**99,675**	**9,864**	**120,217**

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

Table 3-16: 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, Bureau of Community Colleges, Community Colleges MIS.

Table 3-17: 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, Bureau of Community Colleges, Community Colleges MIS.

Table 3-18: 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	651	6,855
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	213	4,543
Total	**773**	**2,143**	**4,316**	**2,629**	**97,684**	**8,894**	**128,146**

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

Table 3-19: Fiscal Year Enrollment by College and Residency: 2004

	Iowa		Out-of-State		International		
College	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	Total
Northeast	6,294	92.0%	493	7.2%	58	0.9%	6,845
North Iowa Area	3,884	95.2%	169	4.1%	27	0.7%	4,080
Iowa Lakes	4,068	91.9%	337	7.6%	23	0.5%	4,428
Northwest	1,623	94.4%	96	5.6%	0	0.0%	1,719
Iowa Central	6,304	96.6%	162	2.5%	62	1.0%	6,528
Iowa Valley	3,341	95.3%	166	4.7%	0	0.0%	3,507
Hawkeye	7,737	98.8%	46	0.6%	49	0.6%	7,832
Eastern Iowa	9,980	92.4%	714	6.6%	106	1.0%	10,800
Kirkwood	19,748	94.2%	515	2.5%	691	3.3%	20,954
Des Moines Area	22,863	97.2%	297	1.3%	369	1.6%	23,529
Western Iowa Tech	6,940	87.0%	1,039	13.0%	0	0.0%	7,979
Iowa Western	5,869	97.2%	86	1.4%	80	1.3%	6,035
Southwestern	1,710	95.0%	82	4.6%	8	0.4%	1,800
Indian Hills	5,915	94.6%	284	4.5%	56	0.9%	6,255
Southeastern	3,795	84.5%	674	15.0%	23	0.5%	4,492
Total	**110,071**	**94.3%**	**5,160**	**4.4%**	**1,552**	**1.3%**	**116,783**

NOTE: "Percent of Row Total" denotes the proportion of students in each resident category for each college.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-20: Fiscal Year Enrollment by College and Residency: 2005

College	Iowa		Out-of-State		International		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
Northeast	6,402	91.8%	529	7.6%	46	0.7%	6,977
North Iowa Area	4,055	94.7%	206	4.8%	22	0.5%	4,283
Iowa Lakes	4,375	93.7%	293	6.3%	2	0.1%	4,670
Northwest	1,587	94.8%	87	5.2%	0	0.0%	1,674
Iowa Central	6,718	96.8%	182	2.6%	40	0.6%	6,940
Iowa Valley	3,845	94.5%	223	5.5%	0	0.0%	4,068
Hawkeye	7,663	98.8%	39	0.5%	56	0.7%	7,758
Eastern Iowa	10,450	92.3%	766	6.8%	103	0.9%	11,319
Kirkwood	20,334	94.3%	509	2.4%	722	3.4%	21,565
Des Moines Area	24,165	97.3%	334	1.4%	327	1.3%	24,826
Western Iowa Tech	6,975	86.9%	1,051	13.1%	0	0.0%	8,026
Iowa Western	5,059	81.0%	1,112	17.8%	75	1.2%	6,246
Southwestern	1,631	94.4%	82	4.8%	14	0.8%	1,727
Indian Hills	5,785	94.3%	312	5.1%	35	0.6%	6,132
Southeastern	3,753	83.4%	722	16.1%	23	0.5%	4,498
Total	**112,797**	**93.5%**	**6,447**	**5.3%**	**1,465**	**1.2%**	**120,709**

NOTE: "Percent of Row Total" denotes the proportion of students in each resident category for each college.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-21: Fiscal Year Enrollment by College and Residency: 2006

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
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 1 student without a residency. Note: "Percent of Row Total" denotes the proportion of students in each resident category for each college.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-22: Fiscal Year Enrollment by College and Residency: 2007

College	Iowa		Non-Iowa		Foreign		Total
	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	
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.
"Percent of Row Total" denotes the proportion of students in each resident category for each college.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-23: Fiscal Year Enrollment by College and Residency: 2008

	Iowa		Non-Iowa		Foreign		
College	Count	Percent of Row Total	Count	Percent of Row Total	Count	Percent of Row Total	Total
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. "Percent of Row Total" denotes the proportion of students in each resident category for each college. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-24: Fiscal Year Enrollment by College and Career Cluster: 2004

	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	166	47	170	0	0	62	204	122	807	204	58	52	22	41	102	2,057
Architecture and Construction	164	68	136	148	143	94	142	215	412	286	560	94	110	95	125	2,792
Arts, A/V Technology and Communications	0		127	0	58	20	336	123	724	280	114	123	42		53	2,000
Business, Management and Administration	630	373	221	89	190	139	443	465	1,478	1,671	966	104	170	327	284	7,550
Education and Training	0	34	0	0	0	0	0	52	69	0	0	64	0	0	0	219
Finance	0	0	0	0	0	0	6	0	111	0	0	0	0	0	0	117
Government and Public Administration	43	0	0	0	157	0	0	0	245	308	0	0	0	0	0	753
Health Science	1,257	596	722	127	715	277	1,348	2,325	2,926	1,067	1,458	1,019	134	1,679	1,428	17,078
Hospitality and Tourism	0	0	101	0	0	2		127	314	213	0	53	0	56	0	866
Human Services	67	0	61	0	0	30	102	110	366	246	142	107		70	58	1,359
Information Technology	220	159	78	47	44	78	151	310	1,111	575	138	127	106	456	104	3,704
Law, Public Safety and Security	0	115	124	0	205	111	215	21	832	734	263	0	0	138	134	2,892
Manufacturing	87	52	18	89	277	40	360	96	376	200	152	68	16	499	141	2,471
Marketing, Sales and Service	87	29	27	0	0	13	101	0	373	529	60	65	1	0	0	1,285
Science, Technology, Engineering and Mathematics	31	0	6		6	0	26	260	119	0	0	39	0	49	0	536
Transportation, Distribution and Logistics	105	76	234	81	232	0	246	291	306	349	468	160	76	342	147	3,113
College Transfer (Parallel)	4,237	2,810	2,564	1,167	5,529	2,641	4,456	6,607	11,180	19,598	3,600	4,191	1,304	3,109	2,358	75,351
Total	**7,094**	**4,359**	**4,589**	**1,748**	**7,556**	**3,507**	**8,136**	**11,124**	**21,749**	**26,260**	**7,979**	**6,266**	**1,981**	**6,861**	**4,934**	**124,143**

NOTE: Definitions of Career Clusters can be obtained from http://www.careerclusters.org.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-25: Fiscal Year Enrollment by College and Career Cluster: 2005

	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	179	38	201	0	17	77	190	100	794	192	66	85	17	21	114	2,091
Architecture and Construction	192	73	141	134	154	115	136	169	409	322	513	106	111	77	112	2,764
Arts, A/V Technology and Communications		0	139	0	59	19	324	101	752	264	91	123	44		41	1,957
Business, Management and Administration	490	196	83	157	129	251	523	1,449	1,780	687	121	125	204	325	0	6,520
Education and Training	0	45	0	0	0	0	0	79	39	7	63		0	0	29	262
Finance	0	3	0	0	0	0	112	0	7	0	0	7	0	0	0	129
Government and Public Administration	120	0	0	0	263	0	0	0	337	0	46	0	0	0	0	766
Health Science	744	790	137	728	305	1,492	2,322	3,480	1,433	3,024	1,077	154	1,695	1,477	0	18,858
Hospitality and Tourism	0	110	1	0	0	113	0	344	209	63	0	68	0	0	14	922
Human Services	61	0	23	0	0	125	97	414	250	153	74	80	0	137	0	1,414
Information Technology	135	61	40	68	68	143	228	862	508	106	106	96	448	91	199	3,159
Law, Public Safety and Security	0	130	206	0	97	207	27	891	858	330	136	0	0	156	125	3,163
Manufacturing	56	22	110	301	39	347	237	373	201	190	66	22	544	136	80	2,724
Marketing, Sales and Service	11	18	7	17	0	67	351	0	551	69	76	0	0	0	85	1,252
Science, Technology, Engineering and Mathematics	1	0	6	0	21	0	313	131	11	0	47	55	0	0	0	585
Transportation, Distribution and Logistics	72	229	79	264	254	0	313	346	372	445	203	76	319	238	0	3,210
College Transfer (Parallel)	2,811	2,580	1,130	4,989	3,179	4,462	7,025	11,550	20,493	3,619	5,391	1,213	3,114	2,297	6,638	80,491
Total	**4,872**	**4,295**	**2,303**	**6,658**	**4,585**	**7,418**	**12,198**	**20,289**	**29,004**	**9,471**	**8,076**	**2,210**	**6,496**	**4,955**	**7,437**	**130,267**

NOTE: Definitions of Career Clusters can be obtained from http://www.careerclusters.org.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 3-26: 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, Bureau of Community Colleges, Community College MIS.

Table 3-27: 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, Bureau of Community Colleges, Community College MIS.

Table 3-28: 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, Bureau of Community Colleges, Community College MIS.

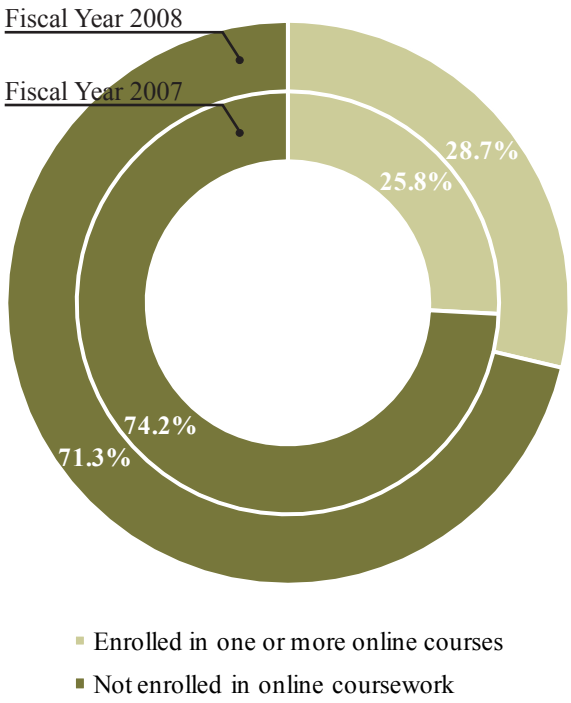
4 Online Credit Enrollment and Demographics

The Iowa Department of Education has collected data on community college enrollment in online coursework since fiscal year 2007. The Department defines online enrollment as students who enrolled in one or more courses delivered entirely (100%) online. Data was not collected on hybrid/blended online courses and other distance education delivery methods.

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 increased 13 percent to 36,776 unduplicated students in fiscal year 2008. Nearly 29 percent 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. Community college students enrolled in online coursework enrolled in an average of 6.3 credit hours of online courses — 6.8 percent more than the previous year (Figure 4-3). Because more students are enrolling in online courses and each student enrolled in online coursework is enrolling in more credit hours, the average number of online credit hours per college student rose 18.5 percent to 1.8 credit hours. In fiscal year 2008, 12.4 percent of credit hours were delivered online (Figure 4-2).

Figure 4-1: Fiscal Year Online Credit Enrollment: 2007-2008



Note: WITCC did not report online enrollment in FY 2007.
Source: Iowa Department of Education, Bureau of Community Colleges, Table 4-1.

Online Credit Enrollment

Number of Students: 36,776

Growth since last year: 13.0%

Credit Hours: 190,282
Up 2.0% since 2007.

Online Credit Hours per Student: 1.8
Up 18.5% since 2007.

Online Credit Hours per Student Enrolled in Online Coursework: 6.3

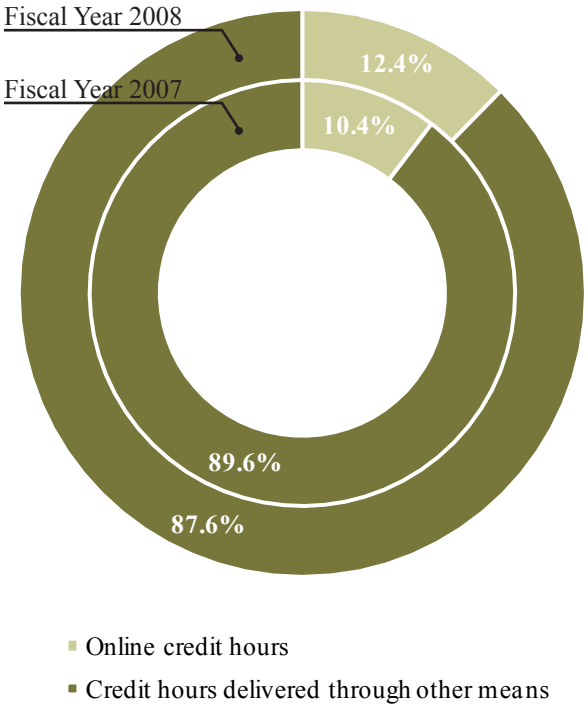
Growth since last year: 6.8%

Online Students in Programs

Enrollment in Iowa's community colleges is disaggregated into four program types: college parallel, career option, career and technical education (CTE), and a combination. Nearly 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 2008, over 26 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 nearly 14 percent since fiscal year 2007.

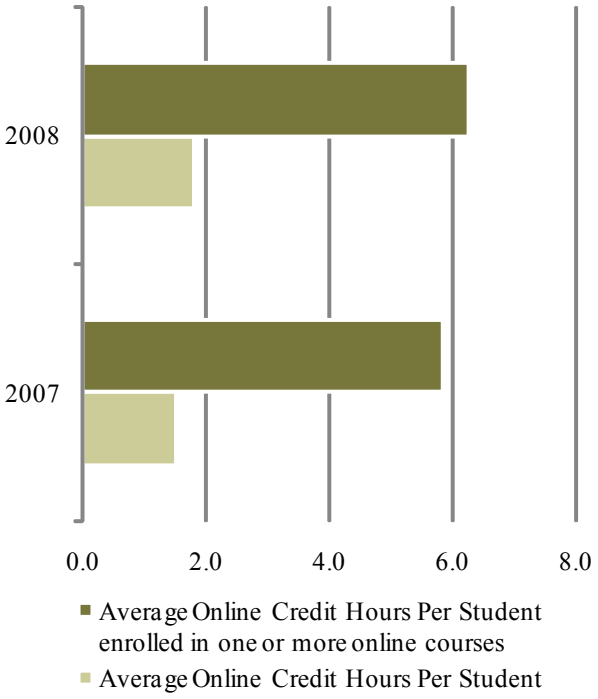
While enrollment of CTE students in online coursework has increased since fiscal year 2007, when disaggregated by program major, there is significant variation between career clusters. As with total enrollment, the Health Sciences cluster is the largest with 5,247 students enrolled in one or more online courses (Figure 4-5). The Human

Figure 4-2: Fiscal Year Online Credit Hours: 2007-2008



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

Figure 4-3: Average Online Credit Hours per Student: 2007-2008



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

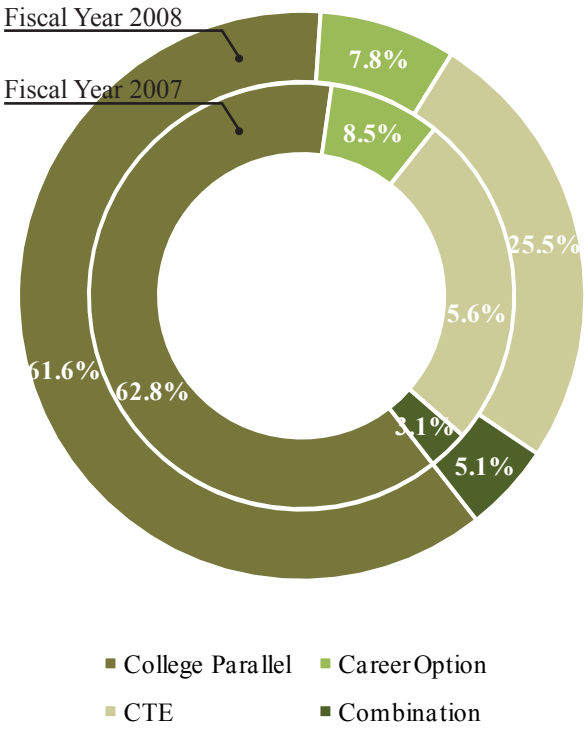
Services and STEM (Science, Technology, Engineering, and Mathematics) clusters had the largest growth in online enrollment — each increasing more than 45 percent over fiscal year 2007. The Manufacturing and Agriculture career clusters each experienced declines in enrollment of students taking online coursework.

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, 30,694, delivered online (Table 4-7). The Business, Management, and Administration career cluster had the largest share of credit hours delivered online (19.4 percent). The Finance, Human Services, and Law, Public Safety, and Security clusters each had more than 17 percent of total credit hours delivered online. The Transportation, Distribution, and Logistics career cluster had the smallest percentage of credit hours delivered online (1.2 percent) followed by Architecture and Construction (2.3 percent) and Hospitality and Tourism (3.5 percent).

Jointly Enrolled Students

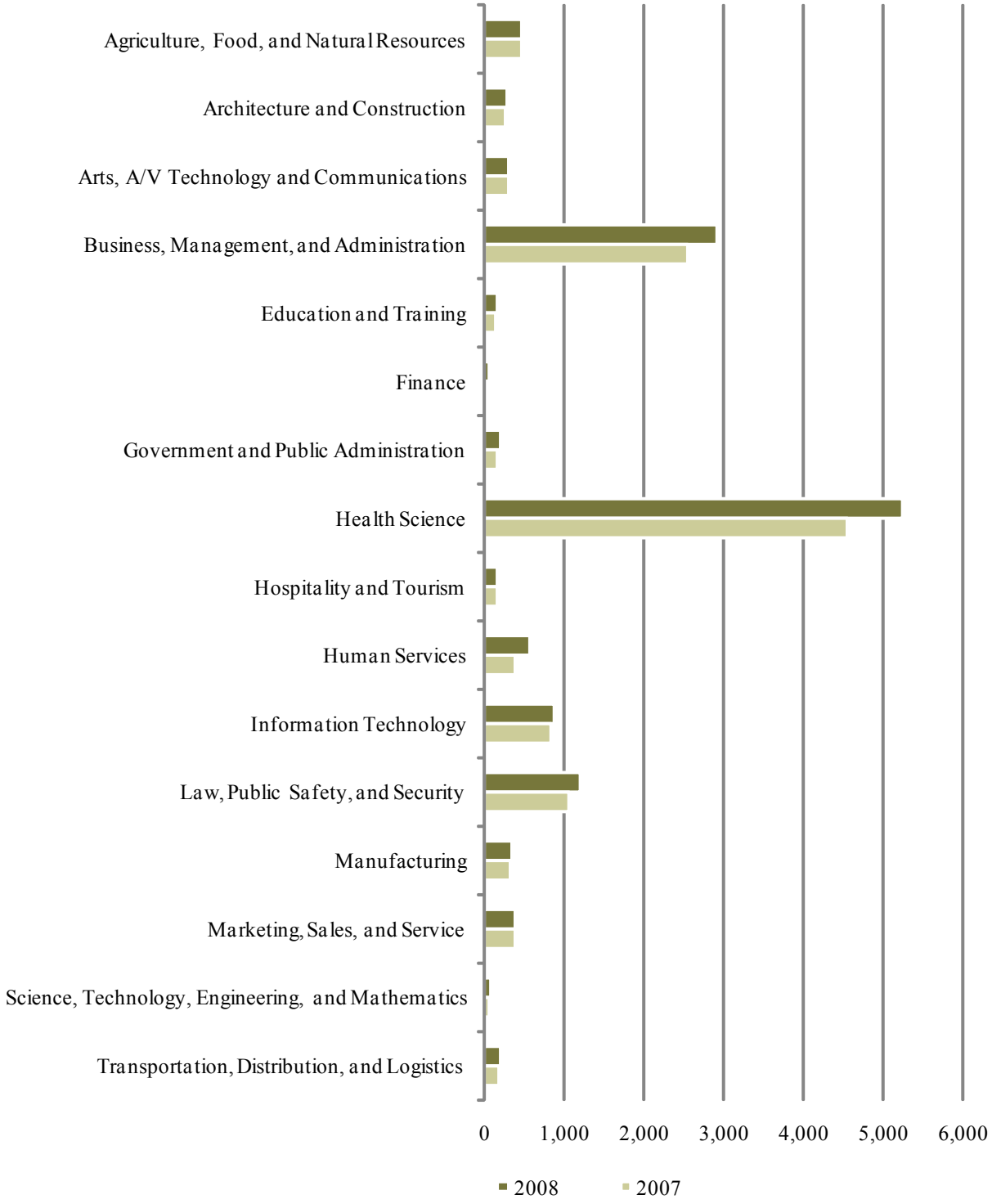
Jointly enrolled students are less likely to be enrolled in online coursework than the general student body. In fiscal year 2008, nine percent of jointly enrolled students enrolled in one or more online courses compared

Figure 4-4: Online Credit Enrollment by Program Type: 2007-2008



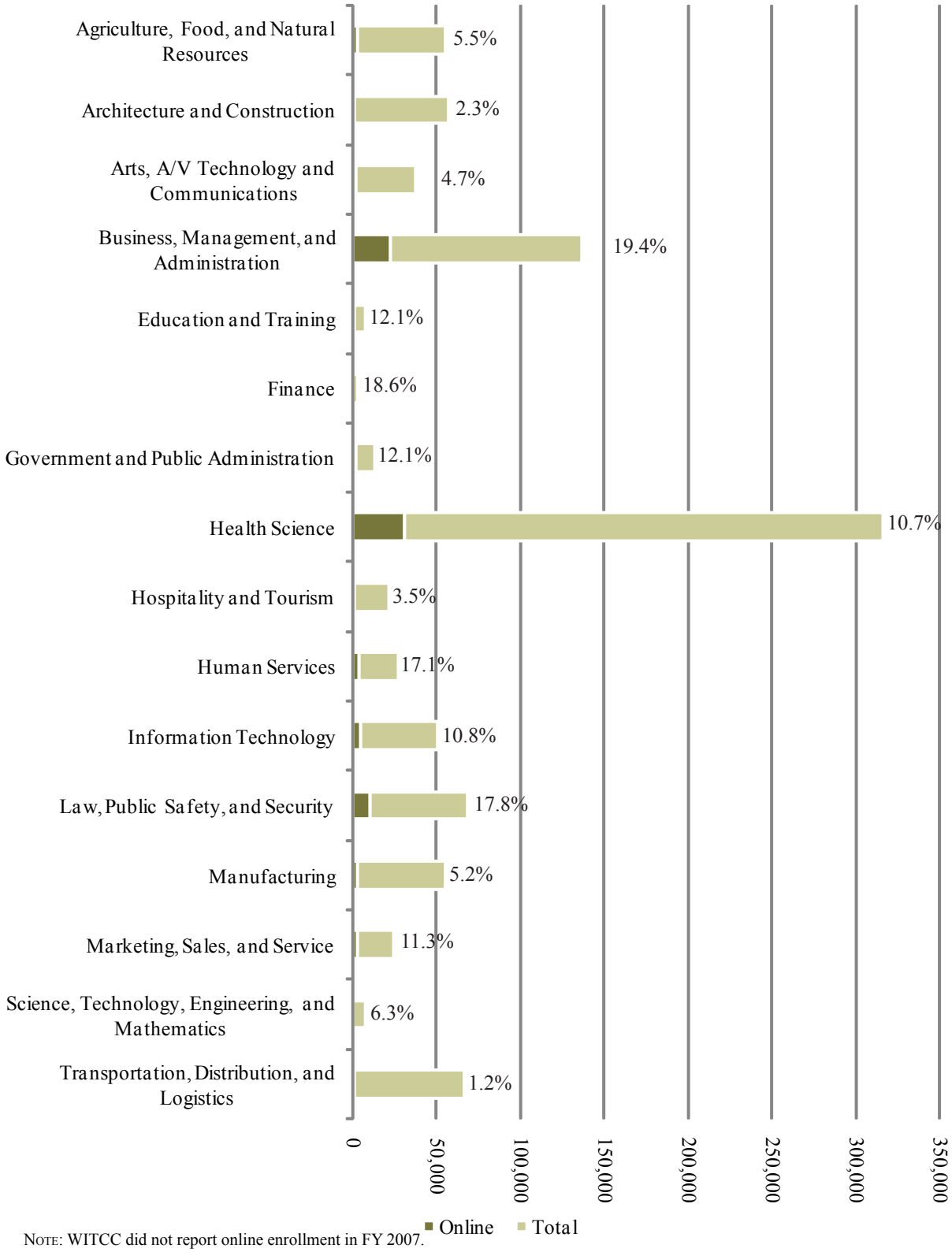
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Tables 4-4 and 4-5.

Figure 4-5: Online Credit Career and Technical Education Enrollment (in one or more courses) by Career Cluster: 2007-2008



NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 4-6.

Figure 4-6: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2008



NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 4-7.

with 29 percent of the total student body (Figure 4-7). Additionally, only six percent of joint enrollment credit hours were delivered online compared with more than 12 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, 25 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 2008, nearly 67 percent of students enrolled in online coursework were female compared to 57 percent of the total student body (Figure 4-9). The percentage of students enrolled in online coursework that were female increased by two percent from fiscal year 2007.

Students enrolled in online coursework are older than the overall student body. The average age of students taking one or more online courses is 25.5 years old — a year 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).

Typical Student Taking Online Coursework

Caucasian 86%

Female 67%

Older 25.5 years old

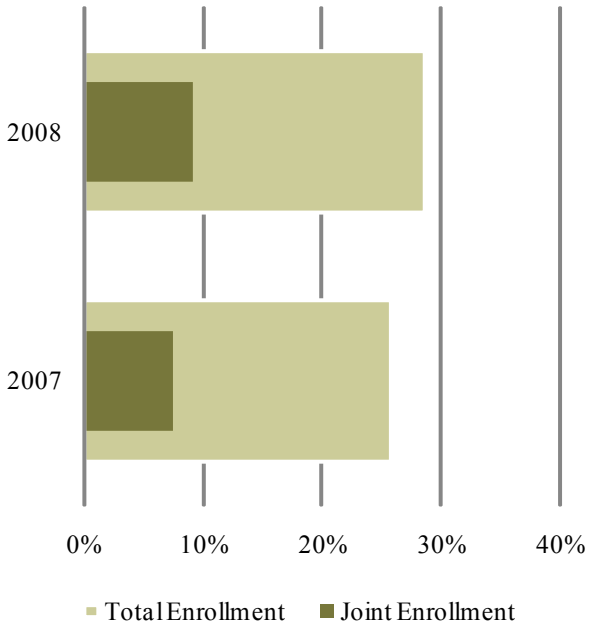
Average age for all students was 24.5.

Resident 90%

As with the overall student body, students enrolling in online coursework are predominently white. However, a smaller percentage of students with racial/ethnic minority backgrounds enrolled in online coursework than white students. Only 21.6 percent of Hispanic students and 23.8 percent of black students enrolled in online coursework compared with 29.9 percent of students identified as white (Figure 4-11).

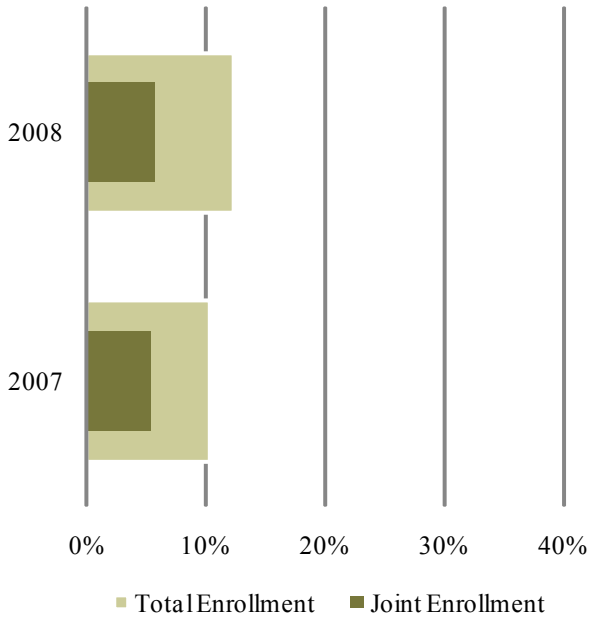
As with the overall student body, students taking online coursework are predominently residents of Iowa. Approximately 90 percent of students taking one or more online courses were residents (Figure 4-10). However, the number of out-of-state students enrolling in online coursework increased 39 percent from fiscal year 2007.

Figure 4-7: Online Credit Joint Enrollment: 2007-2008



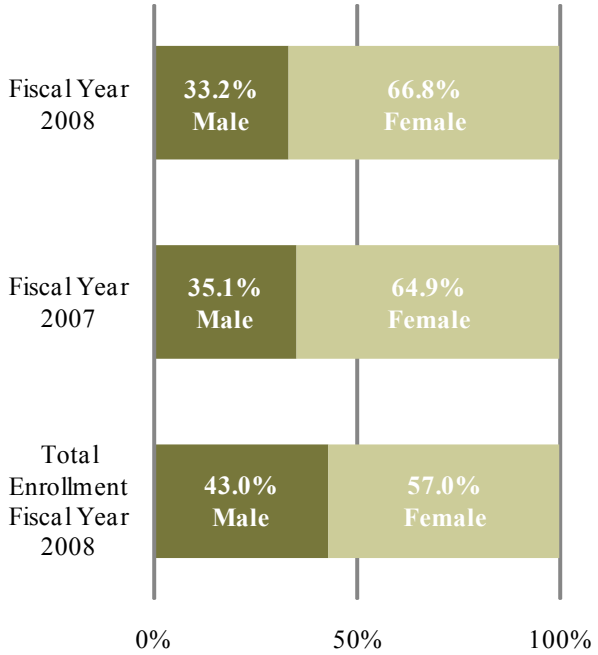
Note: WITCC did not report online enrollment in FY 2007.
Source: Iowa Department of Education, Bureau of Community Colleges, Tables 4-8, 4-9.

Figure 4-8: Online Credit Joint Enrollment: Credit Hours 2007-2008



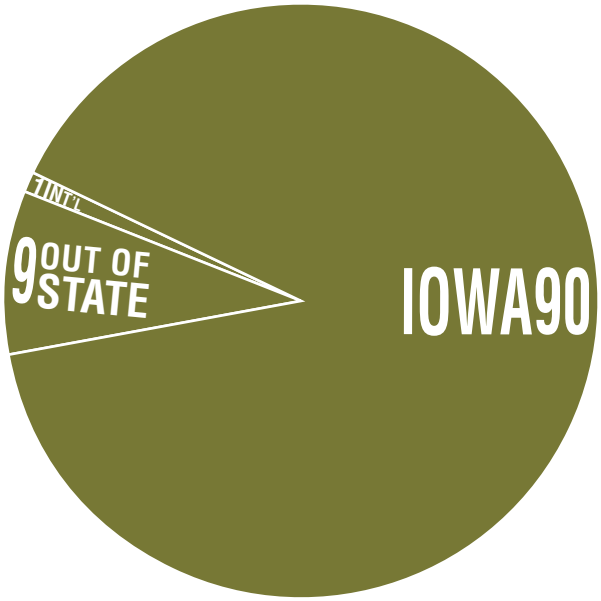
Note: WITCC did not report online enrollment in FY 2007.
Source: Iowa Department of Education, Bureau of Community Colleges, Tables 4-8, 4-9.

Figure 4-9: Online Credit Enrollment (Taken one or more online courses) and Total Enrollment by Gender: 2007-2008



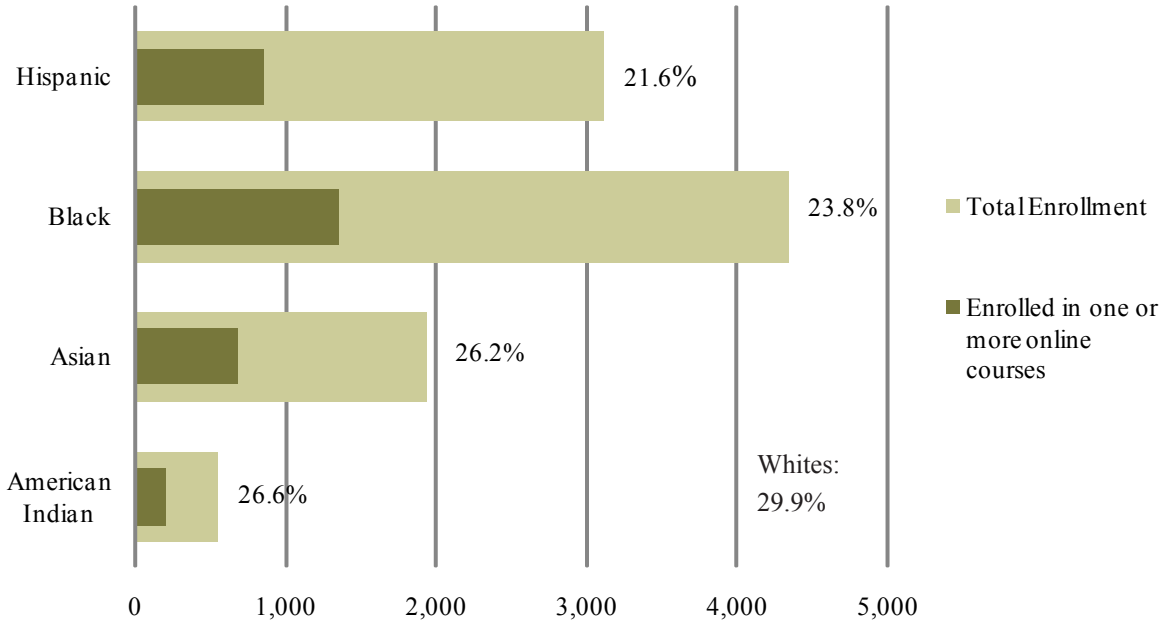
NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 4-10.

Figure 4-10: Online Credit Student Residency: 2008



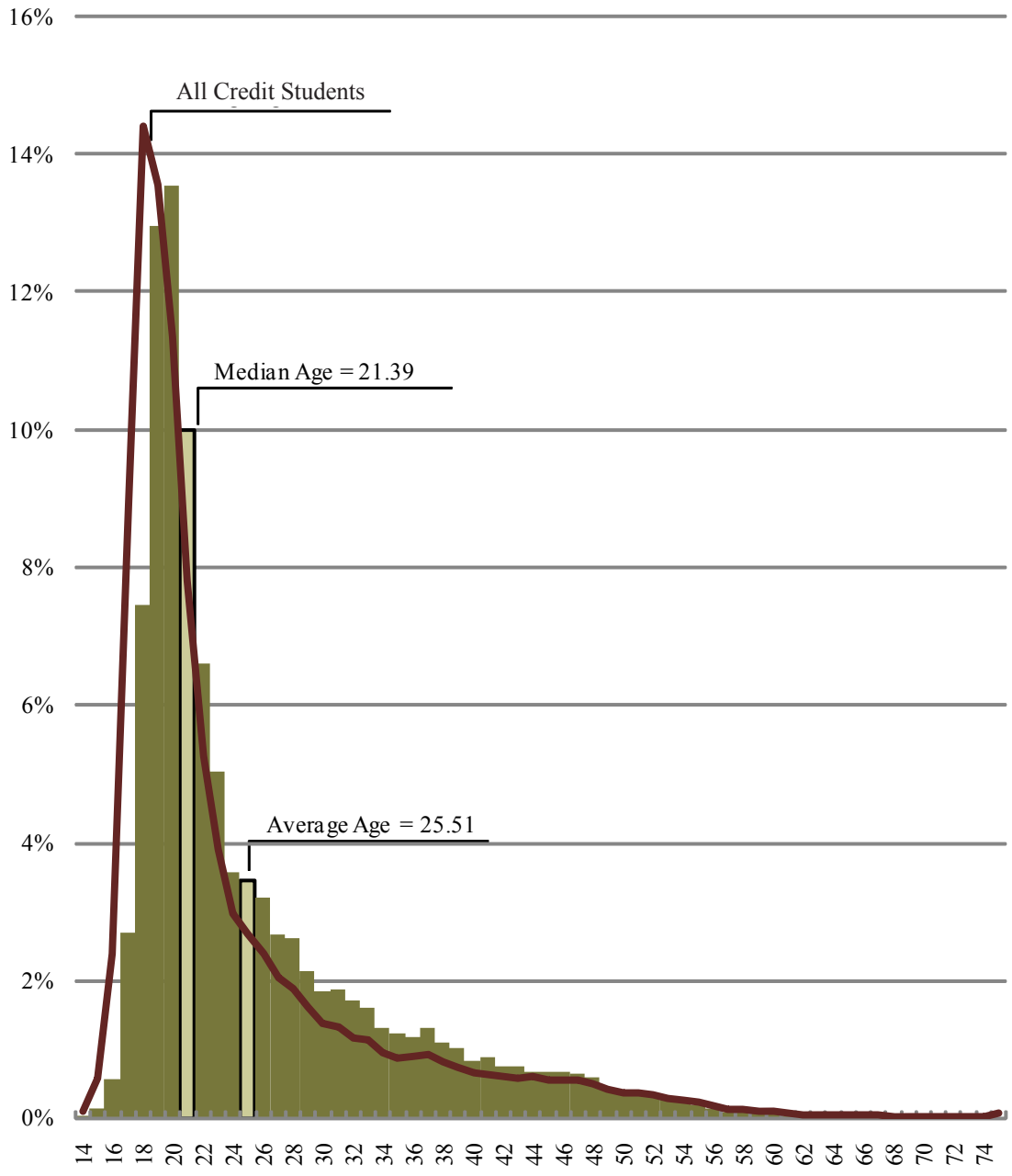
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 4-16.

Figure 4-11: Online Credit Student (taken one or more online courses) and Total Student Racial/Ethnic Background: 2007-2008



NOTE: WITCC did not report online enrollment in FY 2007.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Tables 4-13, 4-14.

Figure 4-12: Online Credit Student (enrolling in one or more online courses) Age: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Tables 4-11, 4-12.

Table 4-1: Online Credit Enrollment by College: 2007-2008

College	2007 Students	2008 Students	Percentage Change FY 2007-FY 2008
Northeast Iowa	1,598	1,714	7.3%
North Iowa Area	1,772	1,995	12.6%
Iowa Lakes	1,367	1,459	6.7%
Northwest	743	835	12.4%
Iowa Central	2,475	2,923	18.1%
Iowa Valley	1,529	1,515	-0.9%
Hawkeye	3,502	1,833	-47.7%
Eastern Iowa	3,088	3,814	23.5%
Kirkwood	5,091	4,951	-2.8%
Des Moines Area	6,047	6,890	13.9%
Western Iowa Tech	0*	2,729	--
Iowa Western	1,789	1,712	-4.3%
Southwestern	605	932	54.1%
Indian Hills	1,573	1,938	23.2%
Southeastern	1,371	1,536	12.0%
Total	**32,550**	**36,776**	**13.0%**

Note: Each bar "|" denotes 150 enrollees. *WITCC did not report online enrollment in FY 2007.

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

Table 4-2: Credit Hours Delivered Online by College: 2007-2008

College	2007 Credit Hours	2008 Credit Hours	Percentage Change FY 2007-FY 2008
Northeast Iowa	7,779	9,445	21.4%
North Iowa Area	5,969	6,627	11.0%
Iowa Lakes	9,252	10,078	8.9%
Northwest	4,289	4,897	14.2%
Iowa Central	15,327	20,649	34.7%
Iowa Valley	9,332	9,636	3.3%
Hawkeye	19,228	9,397	-51.1%
Eastern Iowa	20,780	26,315	26.6%
Kirkwood	27,596	27,843	0.9%
Des Moines Area	37,380	44,650	19.5%
Western Iowa Tech	0*	20,578	--
Iowa Western	12,310	11,598	-5.8%
Southwestern	3,015	5,580	85.1%
Indian Hills	9,553	12,192	27.6%
Southeastern	8,473	10,439	23.2%
Total	**190,282**	**229,923**	**20.8%**

Note: Each bar "|" denotes 1,000 credit hours. *WITCC did not report online enrollment in FY 2007.

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

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

College	Arts & Sciences Students	Career Option Students	Career & Technical Students	Combination Students	Total
Northeast Iowa	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	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*	--	--	--	--	--
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. *WITCC did not report online enrollment in FY 2007.

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

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

College	Arts & Sciences Students	Career Option Students	Career & Technical Students	Combination Students	Total
Northeast Iowa	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	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, Bureau of Community Colleges, Community College MIS.

Table 4-5: Online Credit Enrollment by College and Program Type (Proportion): 2007-2008

College	Fiscal Year	Arts & Sciences	Career Option	Career & Technical	Combination	Total
Northeast Iowa	2007	45.1%	0.5%	54.4%	0.0%	100.0%
	2008	46.6%	0.3%	53.2%	0.0%	100.0%
North Iowa Area	2007	66.4%	15.0%	12.8%	5.9%	100.0%
	2008	60.4%	14.5%	16.8%	8.4%	100.0%
Iowa Lakes	2007	62.1%	16.1%	21.8%	0.0%	100.0%
	2008	63.9%	12.8%	23.2%	0.0%	100.0%
Northwest	2007	79.0%	6.5%	14.5%	0.0%	100.0%
	2008	80.5%	5.9%	13.7%	0.0%	100.0%
Iowa Central	2007	70.4%	12.8%	11.8%	5.0%	100.0%
	2008	68.0%	15.3%	12.4%	4.3%	100.0%
Iowa Valley	2007	78.8%	7.1%	14.1%	0.0%	100.0%
	2008	80.9%	6.4%	12.7%	0.0%	100.0%
Hawkeye	2007	70.3%	0.0%	29.7%	0.0%	100.0%
	2008	72.3%	0.0%	27.7%	0.0%	100.0%
Eastern Iowa	2007	67.8%	0.0%	32.2%	0.0%	100.0%
	2008	68.5%	0.0%	31.5%	0.0%	100.0%
Kirkwood	2007	53.4%	10.0%	36.6%	0.0%	100.0%
	2008	52.2%	8.7%	32.7%	6.5%	100.0%
Des Moines Area	2007	61.8%	17.1%	15.5%	5.6%	100.0%
	2008	61.5%	16.4%	14.1%	8.0%	100.0%
Western Iowa Tech*	2007	--	--	--	--	--
	2008	51.2%	0.0%	48.7%	0.0%	100.0%
Iowa Western	2007	67.4%	0.8%	23.1%	8.6%	100.0%
	2008	64.5%	0.7%	25.6%	9.2%	100.0%
Southwestern	2007	80.2%	9.1%	8.3%	2.5%	100.0%
	2008	76.0%	8.4%	12.3%	3.3%	100.0%
Indian Hills	2007	40.2%	1.3%	41.3%	17.2%	100.0%
	2008	38.1%	0.7%	36.8%	24.5%	100.0%
Southeastern	2007	60.7%	11.1%	28.2%	0.0%	100.0%
	2008	76.4%	7.7%	15.8%	0.0%	100.0%

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

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

Table 4-6: Online Credit Career & Technical Education Enrollment (in one or more online courses) by Career Cluster Program Major: 2007-2008

Career Cluster	2007 Students	2008 Students	Percentage Change FY 2007-2008
Agriculture, Food, and Natural Resources	478|||	472|||	-1.26%
Architecture and Construction	269|	295|	9.67%
Arts, A/V Technology and Communications	314||	316||	0.64%
Business, Management, and Administration	2,548|||||||||||||||	2,911||||||||||||||||||	14.25%
Education and Training	141	154|	9.22%
Finance	45	53	17.78%
Government and Public Administration	165|	211|	27.88%
Health Science	4,553||||||||||||||||||||||||||||	5,247|||||||||||||||||||||||||||||||	15.24%
Hospitality and Tourism	156|	163|	4.49%
Human Services	386||	569|||	47.41%
Information Technology	836|||||	879|||||	5.14%
Law, Public Safety, and Security	1,055|||||||	1,196|||||||	13.36%
Manufacturing	330||	337||	2.12%
Marketing, Sales, and Service	390||	385||	-1.28%
Science, Technology, Engineering, and Mathematics	62	90	45.16%
Transportation, Distribution, and Logistics	179|	197|	10.06%
Total	**11,907**	**13,475**	**13.17%**

NOTE: Each bar "|" denotes 100 enrollees.

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

Table 4-7: Online and Total Credit Hours, Percentage Delivered Online, by Career Cluster: 2008

Career Cluster	Credit Hours		Percentage of Total
	Delivered Online	Total Delivered	
Agriculture, Food, and Natural Resources	2,875	52,271	5.5%
Architecture and Construction	1,276	55,881	2.3%
Arts, A/V Technology and Communications	1,678	35,805	4.7%
Business, Management, and Administration	22,138	114,109	19.4%
Education and Training	797	6,580	12.1%
Finance	421	2,262	18.6%
Government and Public Administration	1,452	12,018	12.1%
Health Science	30,694	285,558	10.7%
Hospitality and Tourism	732	20,861	3.5%
Human Services	4,017	23,441	17.1%
Information Technology	4,943	45,764	10.8%
Law, Public Safety, and Security	10,359	58,352	17.8%
Manufacturing	2,753	52,527	5.2%
Marketing, Sales, and Service	2,472	21,805	11.3%
Science, Technology, Engineering, and Mathematics	453	7,140	6.3%
Transportation, Distribution, and Logistics	770	65,222	1.2%

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

Table 4-8: 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, Bureau of Community Colleges, Community College MIS.

Table 4-9: 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, Bureau of Community Colleges, Community College MIS.

Table 4-10: Online Credit Enrollment by Gender, by College: 2007-2008

	2007					2008				
College	Male	Female	Un-known	Total	Percentage Female	Male	Female	Un-known	Total	Percentage Female
Northeast Iowa	505	1,093	0	1,598	68.4%	538	1,176	0	1,714	68.6%
North Iowa Area	811	961	0	1,772	54.2%	915	1,080	0	1,995	54.1%
Iowa Lakes	391	976	0	1,367	71.4%	414	1,034	11	1,459	71.4%
Northwest	239	503	1	743	67.8%	292	539	4	835	64.9%
Iowa Central	1,054	1,421	0	2,475	57.4%	1,133	1,790	0	2,923	61.2%
Iowa Valley	485	1,044	0	1,529	68.3%	512	1,003	0	1,515	66.2%
Hawkeye	1,483	2,019	0	3,502	57.7%	650	1,183	0	1,833	64.5%
Eastern Iowa	919	2,169	0	3,088	70.2%	1,167	2,647	0	3,814	69.4%
Kirkwood	1,909	3,181	1	5,091	62.5%	1,809	3,142	0	4,951	63.5%
Des Moines Area	2,101	3,946	0	6,047	65.3%	2,332	4,558	0	6,890	66.2%
Western Iowa Tech*	0	0	0	0	--	766	1,963	0	2,729	71.9%
Iowa Western	593	1,196	0	1,789	66.9%	498	1,214	0	1,712	70.9%
Southwestern	183	422	0	605	69.8%	290	642	0	932	68.9%
Indian Hills	393	1,176	4	1,573	75.0%	472	1,461	5	1,938	75.6%
Southeastern	369	1,002	0	1,371	73.1%	406	1,130	0	1,536	73.6%
Total	**11,435**	**21,109**	**6**	**32,550**	**64.9%**	**12,194**	**24,562**	**20**	**0**	**66.8%**

*WITCC did not report online enrollment in FY 2007.

Source: Iowa Department of Education, Bureau of Community Colleges

Table 4-11: 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, Bureau of Community Colleges, Community College MIS.

Table 4-12: 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, Bureau of Community Colleges, Community College MIS.

Table 4-13: 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, Bureau of Community Colleges. Community College MIS.

Table 4-14: 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, Bureau of Community Colleges, Community College MIS.

Table 4-15: 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, Bureau of Community Colleges, Community College MIS.

Table 4-16: Online Credit Enrollment by College and Residency Status: 2008

College	Iowa	Out-of-State	Inter-national	Unknown	Total	Precent 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, Bureau of Community Colleges, Community College MIS.

5 Joint Enrollment and Demographics

(Formerly High School Credit Enrollment)

Fiscal year high school credit enrollment consists of community college students who are also enrolled in high school. The Department of Education refers to these students as "jointly enrolled."

Joint enrollment of high school students accounts for nearly a quarter of total community college credit enrollment and almost 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 often 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 involving college credit opportunities for high school students including PSEO, concurrent enrollment (which entails supplementary weighting 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 31,450 unduplicated students in fiscal year 2008 (Figure 5-1). Since fiscal

Joint Enrollment

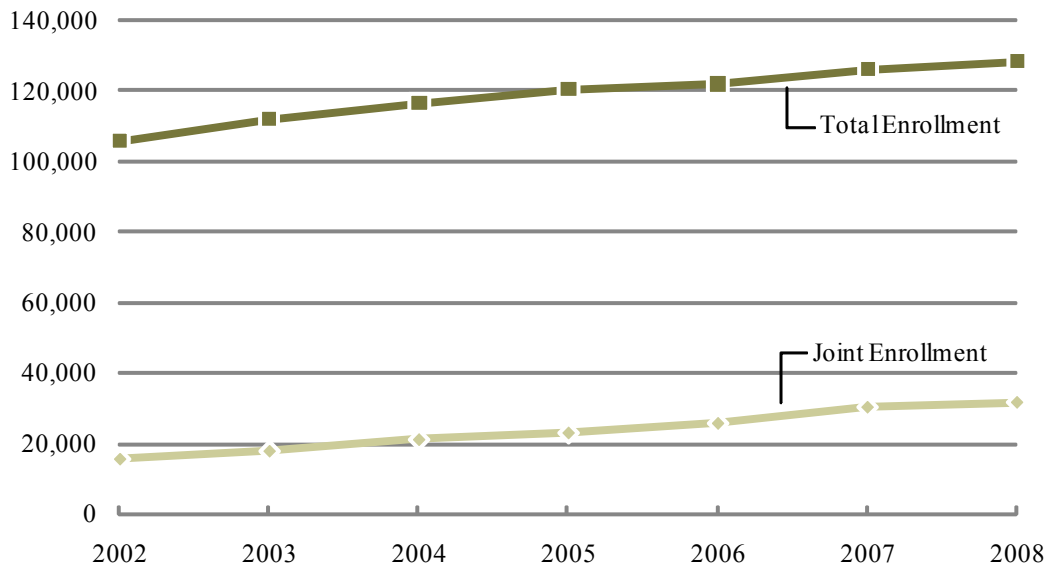
Number of Students: 31,450

Growth since last year: 4.5%

Credit Hours: 235,152
Up 4.3% since 2007.

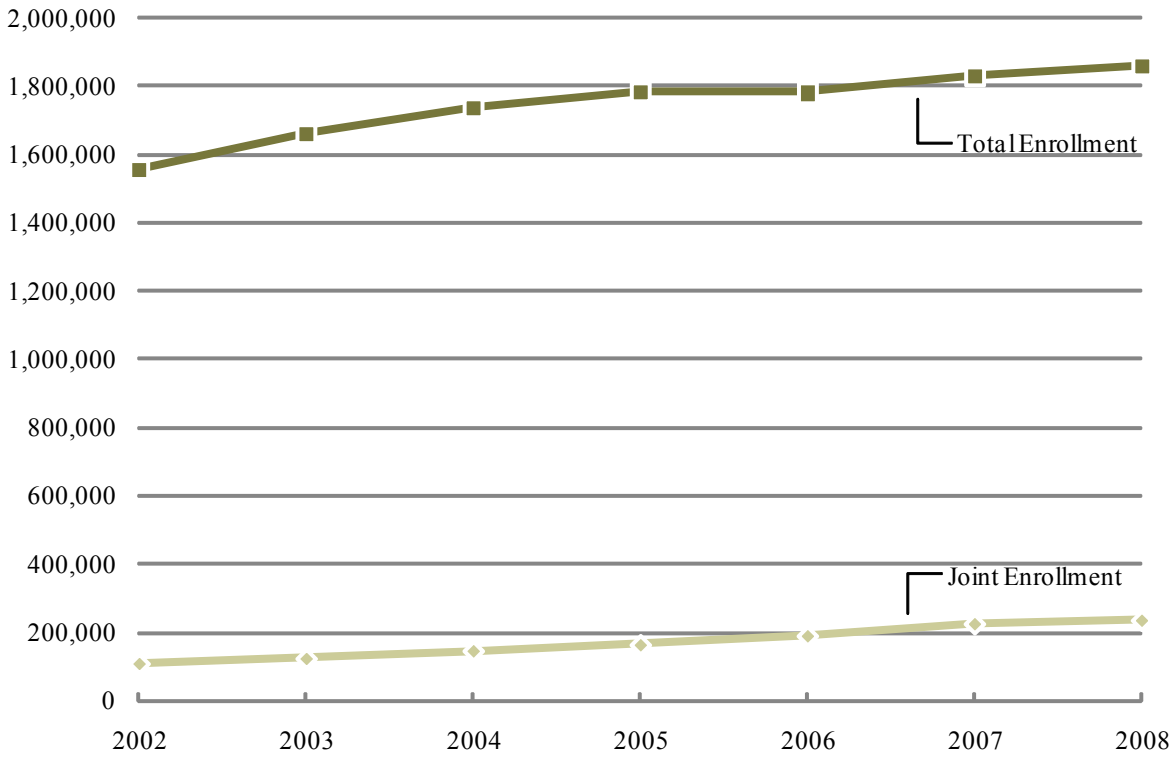
Credit Hours per H.S. Student: 7.5
No change since 2007.

Figure 5-1: Fiscal Year Joint Enrollment: 2002-2008



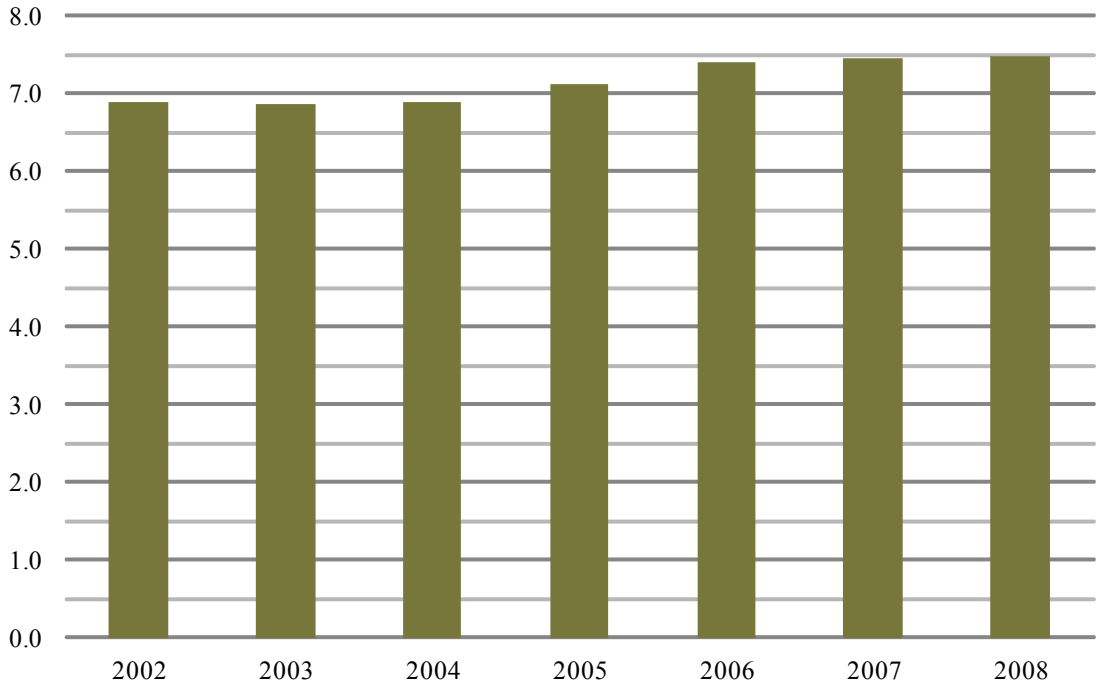
Source: Iowa Department of Education, Bureau of Community Colleges, see Table 5-1.

Figure 5-2: Fiscal Year Joint Enrollment Credit Hours: 2007-2008



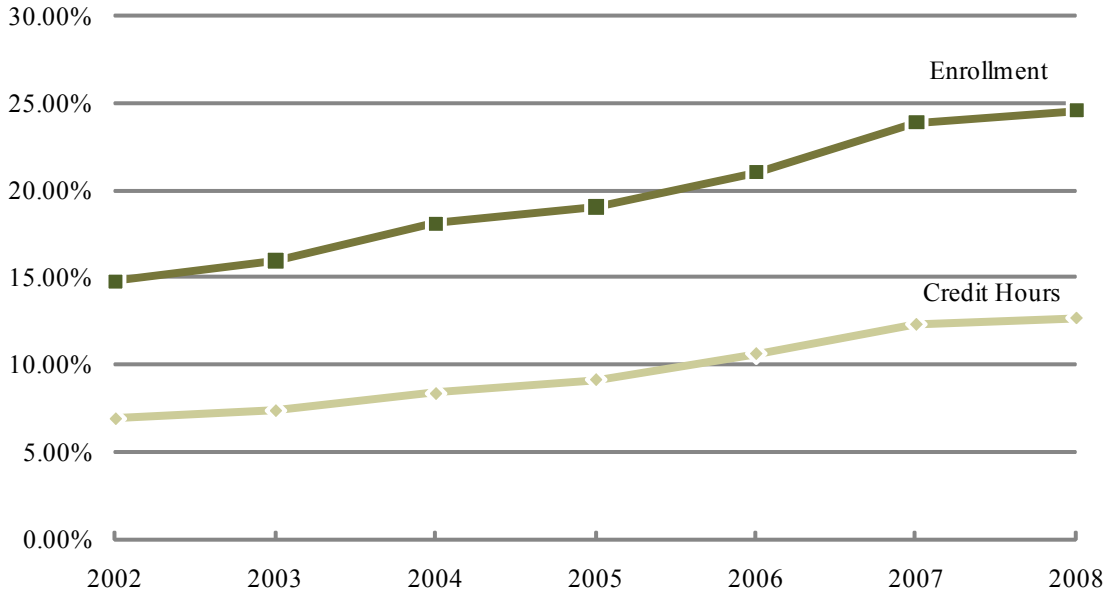
SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 5-2.

Figure 5-3: Average Credit Hours per Jointly Enrolled Student: 2002-2008



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

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



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 5-4.

year 2002, joint enrollment has increased 101.2 percent or about 14.5 percent per year. However, fiscal year 2008 had slower growth than prior years — only 4.5 percent.

While enrollment growth of jointly enrolled students has slowed, it has continued to outpace the rate of growth of total credit enrollment which increased 1.7 percent in fiscal year 2008 (Section 3). Enrollment of students not jointly-enrolled in high school increased 0.8 percent after declining in fiscal years 2006 and 2007.

The number of credit hours taken by each student has remained unchanged from fiscal year 2007 (Figure 5-2) with each jointly enrolled student enrolling in an average of 7.5 credit hours (Figure 5-3). Further analysis in Section 18 shows students enrolled in an average of 2.7 classes. The number of credit hours taken per jointly enrolled student has increased 8.5 percent since fiscal year 2002. Because high school students generally enroll part-time, they account for a smaller percentage of total credit hours than total enrollment (Figure 5-4). In fiscal year 2008, joint enrollment accounted for 12.7 percent of total credit hours.

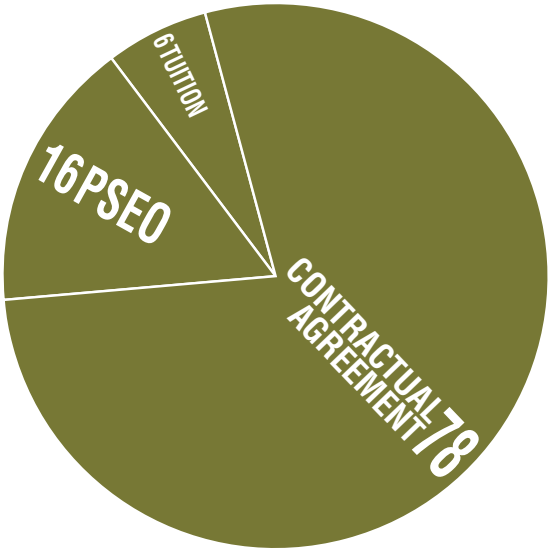
The rate at which high school students enroll in community college coursework varies by local school district and community college region (Figure 5-11).

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

Note: Joint Enrollment by Offering Arrangement does not total 31,450 because some students are enrolled in multiple categories.

Figure 5-5: Credit Joint Enrollment by Offering Arrangement Type: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, 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 2008 (Figure 5-5). Enrollment in contracted courses rose 8.8 percent from the previous year to 28,851 students. PSEO, which accounts for 16.1 percent of joint enrollment, had slower growth—a 2.6 percent increase over fiscal year 2007. Unlike other offering arrangements, enrollment of tuition paying students declined in fiscal year 2008.

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

IOWA'S TYPICAL JOINTLY ENROLLED STUDENT

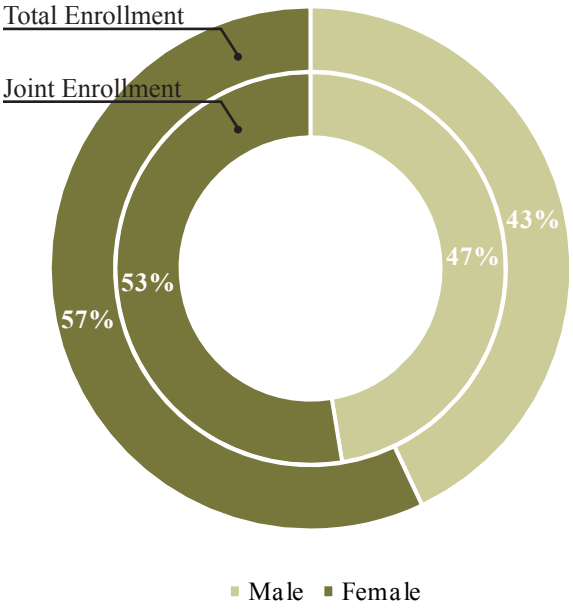
Caucasian 82%

Young 18 years old

Female 53%

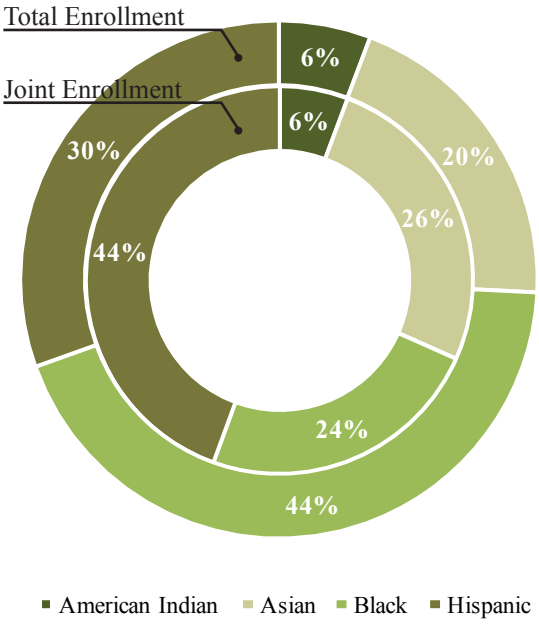
Resident 100%

Figure 5-6: Jointly Enrolled Credit Student Gender: 2008



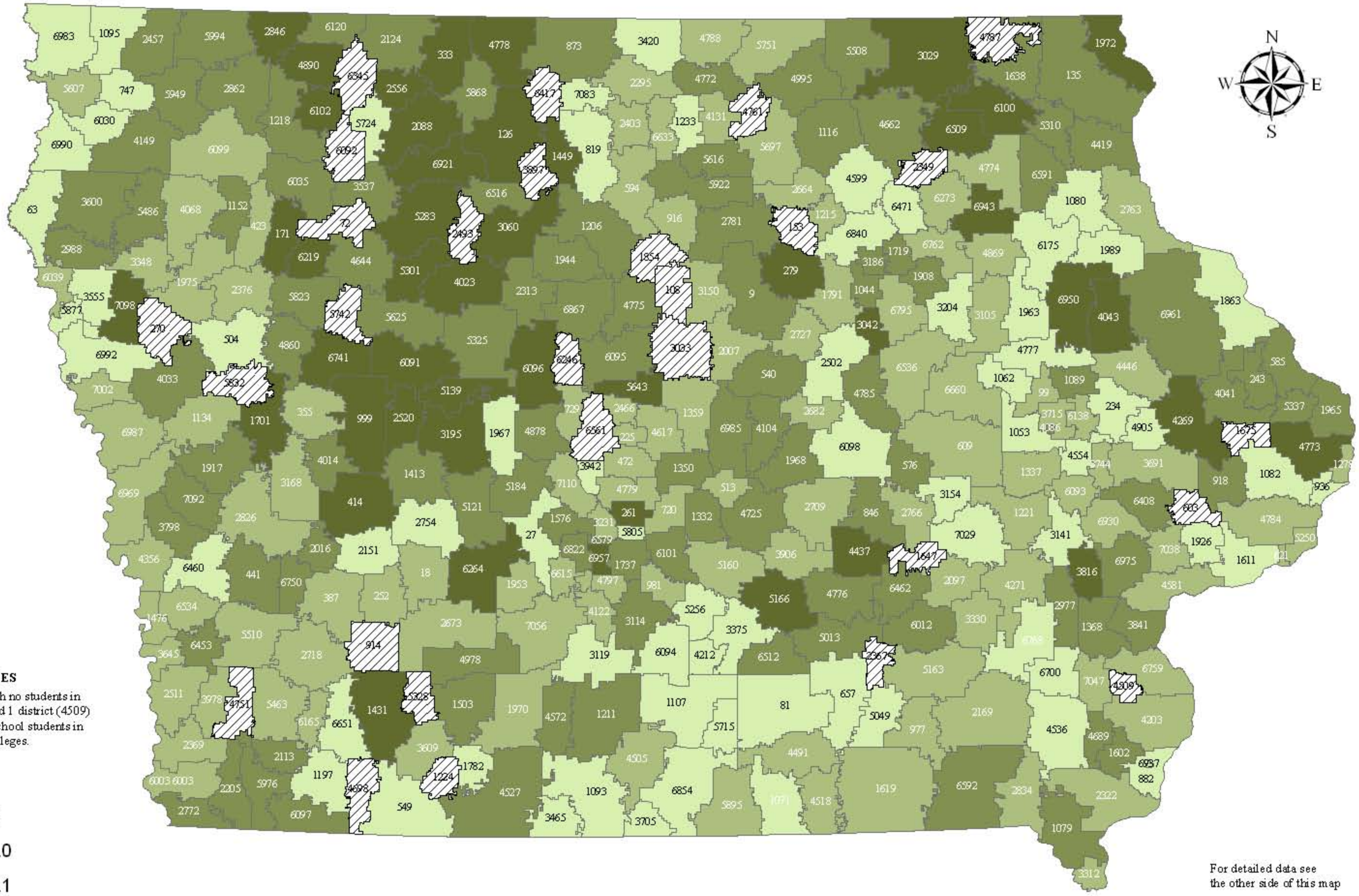
SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Tables 5-8, 5-9.

Figure 5-7: Jointly Enrolled Credit Student Enrollment by Racial Minorities: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, 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'2008



District Number	District Name	Percent (Joint)
9	AGWSR	27.18
18	Adair-Casey	11.67
27	Adel-DeSoto-Minburn	3.46
63	Akron Westfield	5.53
72	Albert City-Truesdale	0.00
81	Albia	7.94
99	Alburnett	10.84
108	Alden	0.00
126	Algona	57.80
135	Allamakee	31.54
153	Allison-Bristow	0.00
171	Alta	36.87
225	Ames	12.61
234	Anamosa	9.85
243	Andrew	24.07
252	Anita	17.57
261	Ankeny	45.25
270	Anthon-Oto	0.00
279	Aplington-Parkersburg	36.67
333	Armstrong-Ringsted	53.45
355	Ar-We-Va	16.67
387	Atlantic	18.06
414	Audubon	40.61
423	Aurelia	19.81
441	A-H-S-T	24.22
472	Ballard	18.10
504	Battle Creek-Ida Grove	7.82
513	Baxter	11.69
540	BCLUW	24.67
549	Bedford	9.25
576	Belle Plaine	24.70
585	Bellevue	25.48
594	Belmond-Klemme	18.18
603	Bennett	0.00
609	Benton	19.92
621	Bettendorf	11.24
657	Eddyville-Blakesburg	8.70
720	Bondurant-Farrar	11.68
729	Boone	19.39
747	Boyden-Hull	8.84
819	West Hancock	9.48
846	Brooklyn-Guernsey-Malcom	21.36
873	North Iowa	25.91
882	Burlington	4.92
914	C and M	0.00
916	CAL	19.82
918	Calamus-Wheatland	26.47
936	Camanche	8.28
977	Cardinal	18.00
981	Carlisle	17.33
999	Carroll	54.46
1044	Cedar Falls	22.14
1053	Cedar Rapids	4.62
1062	Center Point-Urbana	8.38
1071	Centerville	9.91
1079	Central Lee	28.23
1080	Central	8.17
1082	Central Clinton	9.66
1089	Central City	23.31
1093	Central Decatur	4.90
1095	Central Lyon	1.46
1107	Chariton	9.68
1116	Charles City	33.74
1134	Charter Oak-Ute	10.68
1152	Cherokee	28.85
1197	Clarinda	9.17
1206	Clarion-Goldfield	26.91
1211	Clarke	23.98
1215	Clarksville	13.89
1218	Clay Central-Everly	28.03
1221	Clear Creek Amana	11.87
1224	Clearfield	0.00
1233	Clear Lake	4.83
1278	Clinton	10.83
1332	Colfax-Mingo	30.43
1337	College	14.56
1350	Collins-Maxwell	28.33
1359	Colo-Nesco	19.75
1368	Columbus	27.04
1413	Coon Rapids-Bayard	26.67
1431	Corning	38.32
1449	Corwith-Wesley	37.11
1476	Council Bluffs	14.15
1503	Creston	23.19
1576	Dallas Center-Grimes	24.62
1602	Danville	21.86
1611	Davenport	5.53
1619	Davis County	14.77
1638	Decorah	29.15
1647	Deep River-Millersburg	0.00
1675	Delwood	0.00
1701	Denison	36.28
1719	Denver	31.98
1737	Des Moines Independent	23.10
1782	Diagonal	3.03
1791	Dike-New Hartford	13.10
1854	Dows	0.00
1863	Dubuque	2.69
1908	Dunkerton	32.59
1917	Boyer Valley	29.07
1926	Durant	6.39
1944	Eagle Grove	33.22
1953	Earlham	11.06
1963	East Buchanan	4.66
1965	East Central	28.03
1967	East Greene	8.20
1968	East Marshall	23.97
1970	East Union	12.74
1972	Eastern Allamakee	55.29
1975	River Valley	20.24
1989	Edgewood-Colesburg	6.64
2007	Eldora-New Providence	16.44
2016	Elk Horn-Kimballton	34.02
2088	Emmetsburg	44.36
2097	English Valleys	14.98
2113	Essex	31.58
2124	Estherville Lincoln	21.92
2151	Exira	7.53
2169	Fairfield	15.25
2205	Farragut	25.23
2295	Forest City	18.10
2313	Fort Dodge	28.37
2322	Fort Madison	16.49
2349	Fredericksburg	0.00
2367	Fremont	0.00
2369	Fremont-Mills	12.35
2376	Galva-Holstein	10.67
2403	Garner-Hayfield	10.26
2457	George-Little Rock	21.34
2466	Gilbert	20.86
2493	Gilmore City-Bradgate	0.00
2502	Gladbrook-Reinbeck	3.85
2511	Glenwood	18.13
2520	Glidden-Ralston	37.16
2556	Graettinger	59.13
2664	Greene	20.59
2673	Nodaway Valley	13.23
2682	GMG	12.34
2709	Grinnell-Newburg	16.88
2718	Griswold	20.81
2727	Grundy Center	19.75
2754	Guthrie Center	6.00
2763	Clayton Ridge	14.13
2766	H-L-V	17.14
2772	Hamburg	21.62
2781	Hampton-Dumont	26.53
2826	Harlan	21.14
2834	Harmony	12.18
2846	Harris-Lake Park	35.14
2862	Hartley-Melvin-Sanborn	26.95
2977	Highland	24.46
2988	Hinton	29.86
3029	Howard-Winneshiek	42.39
3033	Hubbard-Radcliffe	0.00
3042	Hudson	38.46
3060	Humboldt	44.74
3105	Independence	17.97
3114	Indianola	26.49
3119	Interstate 35	4.15
3141	Iowa City	2.31
3150	Iowa Falls	20.05
3154	Iowa Valley	3.48
3168	IKM	20.16
3186	Janesville Consolidated	27.06
3195	Jefferson-Scranton	46.92
3204	Jesup	7.89
3231	Johnston	19.59
3312	Keokuk	14.45
3330	Keota	11.29
3348	Kingsley-Pierson	15.48
3375	Knoxville	8.49
3420	Lake Mills	6.30
3465	Lamoni	1.74
3537	Laurens-Marathon	24.22
3555	Lawton-Bronson	6.39
3600	Le Mars	32.10
3609	Lenox	16.41
3645	Lewis Central	16.99
3691	North Cedar	14.81
3705	Lineville-Clio	6.90
3715	Linn-Mar	12.98
3744	Lisbon	18.02
3798	Logan-Magnolia	27.92
3816	Lone Tree	40.54
3841	Louisa-Muscatine	21.30
3897	LuVerne	0.00
3906	Lynnville-Sully	10.37
3942	Madrid	4.40
3978	Malvern	20.27
4014	Manning	33.73
4023	Manson Northwest Webster	41.00
4033	Maple Valley	25.59
4041	Maquoketa	25.57
4043	Maquoketa Valley	41.75
4068	Marcus-Meriden-Cleghorn	18.42
4086	Marion Independent	22.73
4104	Marshalltown	21.58
4122	Martensdale-St Marys	17.33
4131	Mason City	18.16
4149	MOC-Floyd Valley	31.07
4203	Mediapolis	16.28
4212	Melcher-Dallas	4.20
4269	Midland	38.82
4271	Mid-Prairie	20.00
4356	Missouri Valley	11.86
4419	MFL MarMac	21.62
4437	Montezuma	48.08
4446	Monticello	15.29
4491	Moravia	14.29
4505	Mormon Trail	11.69
4509	Morning Sun	0.00
4518	Moulton-Udell	16.22
4527	Mount Ayr	23.22
4536	Mount Pleasant	9.12
4554	Mount Vernon	9.18
4572	Murray	21.98
4581	Muscatine	17.61
4599	Nashua-Plainfield	9.28
4617	Nevada	11.96
4644	Newell-Fonda	32.91
4662	New Hampton	25.39
4689	New London	23.86
4698	New Market	0.00
4725	Newton	25.21
4751	Nishna Valley	0.00
4761	Nora Springs-Rock Falls	0.00
4772	North Central	33.12
4773	Northeast	37.02
4774	North Fayette	19.66
4775	Northeast Hamilton	29.25
4776	North Mahaska	26.32
4777	North Linn	6.10
4778	North Kossuth	40.40
4779	North Polk	15.76
4784	North Scott	19.10
4785	North Tama County	24.10
4787	North Winneshiek	0.00
4788	Northwood-Kensett	19.19
4797	Norwalk	17.36
4860	Odebolt-Arthur	26.15
4869	Oelwein	18.15
4878	Ogden	31.65
4890	Okoboji	36.79
4905	Olin Consolidated	1.25
4978	Orient-Macksburg	29.29
4995	Osage	24.18
5013	Oskaloosa	24.52
5049	Ottumwa	8.48
5121	Panorama	26.59
5139	Paton-Churdan	38.10
5160	PCM	12.95
5163	Pekin	11.63
5166	Pella	56.01
5184	Perry	21.54
5250	Pleasant Valley	10.62
5256	Pleasantville	7.26
5283	Pocahontas Area	54.58
5301	Pomeroy-Palmer	45.21
5310	Postville	22.78
5325	Prairie Valley	33.47
5328	Prescott	0.00
5337	Preston	25.69
5463	Red Oak	15.04
5486	Remsen-Union	23.85
5508	Riceville	26.35
5510	Riverside	18.10
5607	Rock Valley	18.78
5616	Rockwell-Swaledale	26.45
5625	Rockwell City-Lytton	24.28
5643	Roland-Story	36.26
5697	Rudd-Rockford-Marble Rk	15.09
5715	Russell	5.77
5724	Ruthven-Ayrshire	2.17
5742	Sac	0.00
5751	St Ansgar	18.75
5805	Saydel	9.86
5823	Schaller-Crestland	32.28
5832	Schleswig	0.00
5868	Sentral	31.11
5877	Sergeant Bluff-Luton	2.55
5895	Seymour	16.48
5922	Sheffield-Chapin	21.92
5949	Sheldon	26.30
5976	Shenandoah	21.71
5994	Sibley-Ocheyedan	24.92
6003	Sidney	21.05
6012	Sigourney	27.49
6030	Sioux Center	6.98
6035	Sioux Central	28.10
6039	Sioux City	16.67
6091	Southern Cal	40.00
6092	South Clay	0.00
6093	Solon	15.18
6094	Southeast Warren	4.32
6095	South Hamilton	31.29
6096	Southeast Webster Grand	49.74
6097	South Page	21.84
6098	South Tama County	9.70
6099	South O'Brien	18.80
6100	South Winneshiek	38.37
6101	Southeast Polk	33.91
6102	Spencer	40.64
6120	Spirit Lake	27.09
6138	Springville	12.90
6165	Stanton	16.82
6175	Starmont	6.38
6219	Storm Lake	58.86
6246	Stratford	0.00
6264	West Central Valley	35.80
6273	Sumner	14.33
6345	Terril	0.00
6408	Tipton	25.24
6417	Titonka Consolidated	0.00
6453	Treynor	24.00
6460	Tri-Center	9.02
6462	Tri-County	29.17
6471	Tripoli	8.33
6509	Turkey Valley	37.38
6512	Twin Cedars	24.68
6516	Twin Rivers	27.18
6534	Underwood	13.03
6536	Union	17.21
6561	United	0.00
6579	Urbandale	28.35
6591	Valley	25.99
6592	Van Buren	26.69
6615	Van Meter	10.58
6633	Ventura	16.94
6651	Villisca	3.15
6660	Vinton-Shellsburg	19.49
6700	Waco	7.57
6741	Wall Lake View Auburn	37.58
6750	Walnut	21.74
6759	Wapello	13.48
6762	Wapsie Valley	17.02
6768	Washington	9.93
6795	Waterloo	15.27
6822	Waukee	22.90
6840	Waverly-Shell Rock	1.35
6854	Wayne	7.91
6867	Webster City	33.22
6921	West Bend-Mallard	37.21
6930	West Branch	14.06
6937	West Burlington Ind	9.02
6943	West Central	55.56
6950	West Delaware County	37.31
6957	West Des Moines	36.87
6961	Western Dubuque	22.30
6969	West Harrison	14.29
6975	West Liberty	28.49
6983	West Lyon	2.35
6985	West Marshall	22.84
6987	West Monona	10.33
6990	West Sioux	8.79
6992	Westwood	4.52
7002	Whiting	15.28
7029	Williamsburg	5.78
7038	Wilton	17.58
7047	Winfield-Mt Union	16.33
7056	Winterset	19.62
7083	Woden-Crystal Lake	5.32
7092	Woodbine	24.63
7098	Woodbury Central	56.74
7110	Woodward-Granger	19.60

NOTE: Unduplicated count. Data excludes 302 (approx. 1%) jointly enrolled secondary students with missing district number.
SOURCE: Project Easier and CC MIS.

Racial/Ethnic Minority Background

Joint Enrollment 8.0%

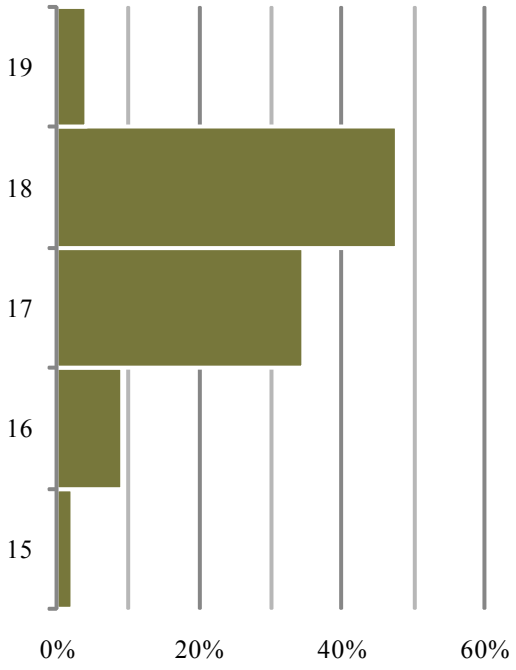
Total Enrollment 10.9%

enrolled students are proportionally more white and male. In fiscal year 2008, approximately 52.5 percent of joint enrollees were female compared with 57.0 percent of the overall student body (Figure 5-6). The phenomenon of proportionally greater male enrollment is driven by contracted course enrollment which was 50.5 percent female in fiscal year 2008. In terms of gender, contracted course enrollment more closely mirrors high school enrollment than community college enrollment. In contrast, PSEO and tuition enrollment were 64.4 percent and 64.9 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 2008, approximately eight percent of joint enrollees were reported as having a minority racial/ethnic background. Contracted course enrollment had the largest proportion of minority students (8.7 percent) followed by tuition (6.3 percent) and PSEO (3.3 percent). Hispanics were the largest minority group with 44.4 percent of minority joint enrollment followed by asian and black students with 26.0 percent and 23.9 percent respectively (Figure 5-7). In contrast,13.4 percent of the overall community college student body was reported to have a minority racial/ethnic background, 43.7 percent of which were black and 30.5 percent of which were Hispanic.

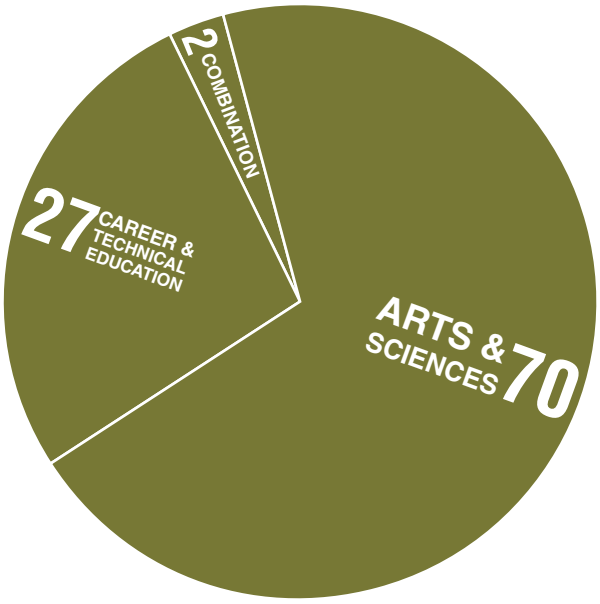
As expected, jointly enrolled students were younger than the overall community college student body, but very few were younger than age 17 (less than 12 percent). More than 82 percent of jointly enrolled students were age 17 or 18 (Figure 5-8). Further analysis in Section 17 shows these students are primarily seniors in high school. Jointly enrolled students were also almost exclusively residents of Iowa (Table 5-15). In fiscal year 2008, 99.7 percent of jointly enrolled students were from Iowa (71 out-of-state students were jointly enrolled).

Figure 5-8: Jointly Enrolled Credit Student Age: 2008



Source: Iowa Department of Education, Bureau of Community Colleges.

Figure 5-9: Credit Joint Enrollment by Program Type: 2008

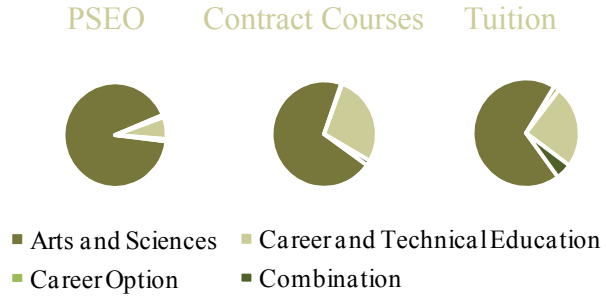


Source: Iowa Department of Education, Bureau of Community Colleges, see Tables 5-16, 5-17, 5-18, and 5-19.

Jointly Enrolled Students in Programs

Program majors describe students' concentration of courses and/or declared program completion goal. For jointly enrolled students, the analysis of fiscal year

Joint Enrollment Credit Hours by Offering Arrangement Types and Program Type



2008 program major data should be qualified because of consistency issues with program major reporting.

Nearly 70 percent of jointly enrolled students enrolled in arts and sciences programs in fiscal year 2008 (Figure 5-9). Joint enrollment in arts and sciences programs increased only 0.5 percent from fiscal year 2007, but has risen an average of 5.9 percent annually over the past five years (Figure 5-10).

More than 27 percent of jointly enrolled students enrolled in career and technical education (CTE) programs. Joint enrollment in CTE programs increased 15.9 percent over fiscal year 2007. Over the past five years, joint enrollment in CTE programs has increased an average of 17.3 percent annually.

The balance of jointly enrolled students enrolled in either college parallel-career option programs (less than one percent) or a combination of the other three program types (three percent).

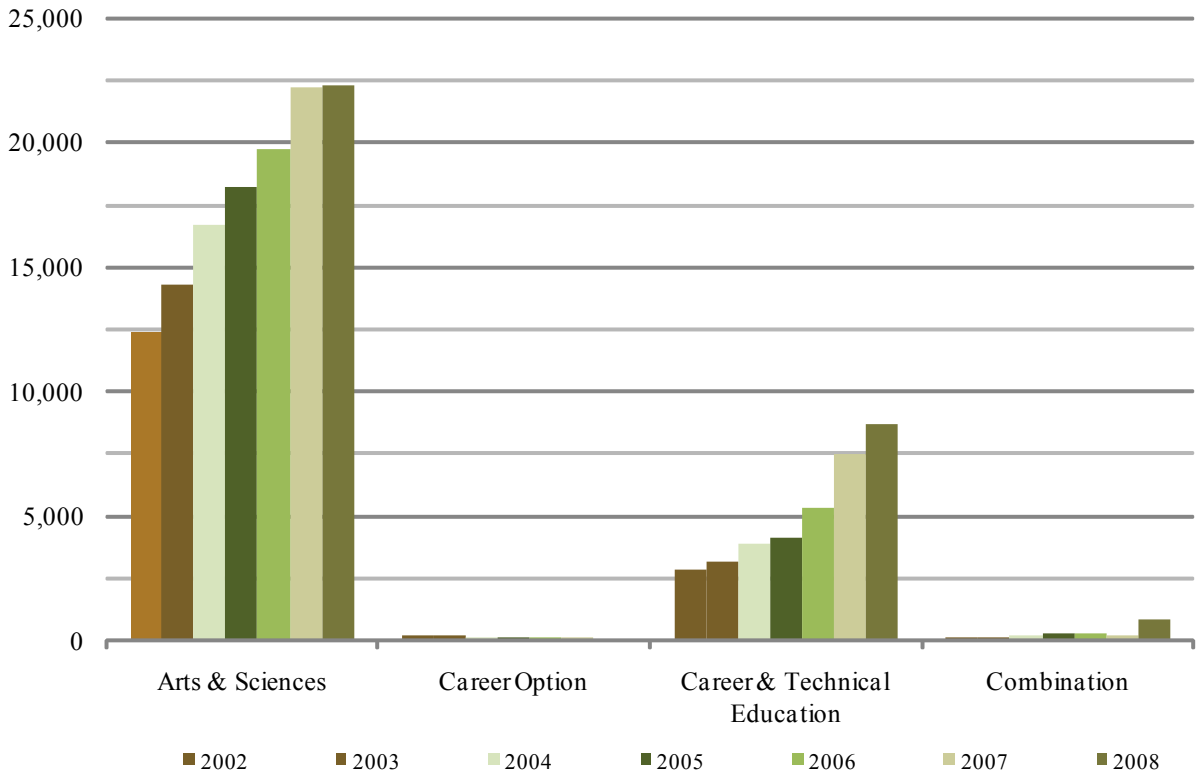
Nationally, 36 percent of students enrolled in dual credit courses enrolled in career and technical education courses and 64 percent enrolled in arts and sciences courses (Waits, Setzer, and Lewis, 2005).

In Iowa, students participating in joint enrollment through PSEO were the most likely to be enrolled in arts and sciences coursework, followed by tuition-paying students. Students enrolling in contracted courses were the most likely to enroll in career and technical education coursework.

• • •

For additional information on jointly enrolled students, see Section 17: Special Supplement. The special supplement provides in-depth analysis from the Community College MIS and other data sources focused on the topic of joint enrollment.

Figure 5-10: Credit Joint Enrollment by Program Type: 2002-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Tables 5-16, 5-17, 5-18, and 5-19.

Table 5-1: Credit Joint Enrollment: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	1,791	1,905	2,230	2,530	2,409	6.1%
North Iowa Area	721	945	944	1,064	1,262	11.8%
Iowa Lakes	1,226	1,215	1,279	970	1,582	5.2%
Northwest	445	459	574	723	608	6.4%
Iowa Central	2,314	2,606	2,707	3,285	3,026	5.5%
Iowa Valley	671	750	782	1,103	1,033	9.0%
Hawkeye	836	802	1,019	1,566	1,598	13.8%
Eastern Iowa	964	1,434	810	2,657	2,081	16.6%
Kirkwood	1,701	1,601	1,766	2,490	2,527	8.2%
Des Moines Area	5,007	6,071	7,736	9,165	9,249	13.1%
Western Iowa Tech	2,486	2,025	2,135	2,350	1,882	-5.4%
Iowa Western	1,278	1,416	1,598	2,014	1,733	6.3%
Southwestern	430	448	493	647	632	8.0%
Indian Hills	623	616	691	960	1,061	11.2%
Southeastern	557	612	814	748	767	6.6%
Total	**21,050**	**22,905**	**25,578**	**32,272**	**31,450**	**8.4%**

NOTE: Each bar "|" denotes 200 enrollees.

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

Table 5-2: Credit Hours Taken by Jointly Enrolled Students: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	12,335.00||||||||	12,664.50||||||||	15,172.50|||||||||	15,906.00|||||||||	18,413.50||||||||||	8.3%
North Iowa Area	5,883.00|||	6,754.00||||	7,551.00|||||	7,984.00|||||	9,194.00||||||	9.3%
Iowa Lakes	8,366.00|||||	7,985.00|||||	8,853.00|||||	8,687.00|||||	12,970.00||||||||	9.2%
Northwest	3,219.00||	3,191.00||	4,797.00|||	5,498.00|||	5,141.00|||	9.8%
Iowa Central	16,538.30||||||||||	20,795.90||||||||||||	23,220.50|||||||||||||	24,078.00||||||||||||||	26,290.50|||||||||||||||	9.7%
Iowa Valley	5,438.00|||	6,161.00||||	6,251.50||||	8,163.50|||||	7,854.00|||||	7.6%
Hawkeye	4,981.00|||	4,982.00|||	6,247.00||||	8,168.00|||||	9,958.00||||||	14.9%
Eastern Iowa	5,915.00|||	8,598.75|||||	4,437.50||	18,229.75|||||||||||	11,756.75|||||||	14.7%
Kirkwood	10,642.50|||||||	10,338.50||||||	13,421.50||||||||	15,660.00|||||||||	14,276.00|||||||||	6.1%
Des Moines Area	34,189.00||||||||||||||||||||	43,322.00||||||||||||||||||||||||	55,235.00||||||||||||||||||||||||||||||	63,349.00||||||||||||||||||||||||||||||||||||	73,072.00||||||||||||||||||||||||||||||||||||||||||||	16.4%
Western Iowa Tech	17,282.00|||||||||||	13,261.00||||||||	14,386.00|||||||||	16,240.00||||||||||	12,766.00||||||||	-5.9%
Iowa Western	10,669.00|||||||	13,163.50||||||||	15,052.00||||||||||	18,329.50|||||||||||	15,646.50||||||||||	8.0%
Southwestern	1,909.00|	4,056.50||	4,734.50|||	4,787.50|||	5,244.00|||	22.4%
Indian Hills	4,690.00|||	4,078.50||	4,514.00|||	5,567.50|||	7,727.00|||||	10.5%
Southeastern	3,224.50||	3,699.60||	5,439.60|||	4,337.20||	4,843.10|||	8.5%
Total	**145,281.30**	**163,051.75**	**189,312.60**	**224,984.95**	**235,152.35**	**10.1%**

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

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

Table 5-3: Average Credit Hours Per Jointly Enrolled Student: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	6.9	6.6	6.8	6.3	7.6	2.1%
North Iowa Area	8.2	7.1	8.0	7.5	7.3	-2.2%
Iowa Lakes	6.8	6.6	6.9	9.0	8.2	3.7%
Northwest	7.2	7.0	8.4	7.6	8.5	3.2%
Iowa Central	7.1	8.0	8.6	7.3	8.7	4.0%
Iowa Valley	8.1	8.2	8.0	7.4	7.6	-1.3%
Hawkeye	6.0	6.2	6.1	5.2	6.2	0.9%
Eastern Iowa	6.1	6.0	5.5	6.9	5.6	-1.6%
Kirkwood	6.3	6.5	7.6	6.3	5.6	-2.0%
Des Moines Area	6.8	7.1	7.1	6.9	7.9	3.0%
Western Iowa Tech	7.0	6.5	6.7	6.9	6.8	-0.5%
Iowa Western	8.3	9.3	9.4	9.1	9.0	1.6%
Southwestern	4.4	9.1	9.6	7.4	8.3	13.3%
Indian Hills	7.5	6.6	6.5	5.8	7.3	-0.7%
Southeastern	5.8	6.0	6.7	5.8	6.3	1.8%
Total	**6.9**	**7.1**	**7.4**	**7.0**	**7.5**	**1.6%**

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

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

Table 5-4: Joint Enrollment and Credit Hours as a Percentage of Total Enrollment and Credit hours: 2004-2008

College	2004		2005		2006		2007		2008	
	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours	Students	Credit Hours
Northeast Iowa	26.3%	12.1%	27.4%	12.1%	31.7%	15.8%	37.5%	17.3%	35.3%	18.9%
North Iowa Area	17.7%	8.8%	22.1%	10.0%	21.6%	11.4%	23.8%	12.1%	26.7%	13.5%
Iowa Lakes	27.7%	12.3%	26.9%	11.2%	28.1%	12.6%	21.2%	12.1%	35.9%	18.7%
Northwest	26.2%	12.6%	27.6%	12.9%	32.5%	18.0%	36.1%	19.3%	28.7%	17.3%
Iowa Central	35.4%	16.8%	37.6%	20.3%	39.1%	22.4%	44.1%	22.2%	38.2%	22.4%
Iowa Valley	19.1%	8.9%	18.4%	9.2%	20.2%	10.1%	27.4%	13.1%	26.0%	12.7%
Hawkeye	10.7%	4.0%	10.3%	4.1%	13.0%	5.2%	18.7%	6.4%	19.1%	7.9%
Eastern Iowa	9.0%	3.9%	12.8%	5.6%	7.1%	2.8%	23.9%	12.2%	18.5%	7.9%
Kirkwood	8.2%	3.2%	7.5%	3.0%	8.6%	4.0%	11.5%	4.5%	11.8%	4.2%
Des Moines Area	21.3%	11.5%	24.5%	14.0%	28.9%	17.0%	32.7%	18.4%	31.3%	19.7%
Western Iowa Tech	31.2%	16.8%	25.2%	12.5%	27.4%	14.0%	30.7%	16.0%	24.9%	12.8%
Iowa Western	21.2%	11.1%	22.7%	12.7%	24.2%	13.7%	29.2%	16.0%	25.3%	13.7%
Southwestern	23.9%	6.2%	25.9%	13.8%	27.2%	16.0%	34.6%	14.8%	31.7%	16.3%
Indian Hills	10.0%	4.5%	10.0%	4.0%	11.4%	4.5%	14.9%	5.2%	16.2%	7.0%
Southeastern	12.5%	4.2%	13.7%	4.9%	17.9%	7.2%	16.2%	5.9%	16.9%	6.5%
Total	**18.1%**	**8.4%**	**19.1%**	**9.1%**	**21.0%**	**10.6%**	**25.6%**	**12.3%**	**24.5%**	**12.6%**

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

Table 5-5: Joint Enrollment by Offering Arrangement: 2007

College	PSEO Students	PSEO Credit Hours	Contracted Students	Contracted Credit Hours	Tuition Students	Tuition Credit Hours	Total Joint Enrollment Students	Total Joint Enrollment Credit Hours	Unduplicated Joint Enrollment
Northeast Iowa	384	1,745	2,094	13,948	52	214	2,530	15,906	2,277
North Iowa Area	299	2,177	16	135	749	5,672	1,064	7,984	1,059
Iowa Lakes	385	3,265	579	5,374	6	48	970	8,687	970
Northwest	136	648	587	4,850	0	0	723	5,498	671
Iowa Central	657	3,114	2,628	20,964	0	0	3,285	24,078	2,928
Iowa Valley	256	1,205	847	6,959	0	0	1,103	8,164	1,035
Hawkeye	294	1,535	1,222	6,473	50	160	1,566	8,168	1,436
Eastern Iowa	547	2,823	1,335	5,929	775	9,478	2,657	18,230	2,372
Kirkwood	674	3,182	1,741	12,099	75	379	2,490	15,660	2,275
Des Moines Area	664	3,329	8,014	57,000	487	3,020	9,165	63,349	8,646
Western Iowa Tech	154	1,001	2,196	15,239	0	0	2,350	16,240	2,350
Iowa Western	177	948	1,804	17,262	33	120	2,014	18,330	1,925
Southwestern	260	1,279	375	3,454	12	55	647	4,788	528
Indian Hills	383	2,273	406	2,441	171	854	960	5,568	884
Southeastern	123	856	598	3,336	27	145	748	4,337	743
Total	**5,393**	**29,380**	**24,442**	**175,461**	**2,437**	**20,144**	**32,272**	**224,985**	**30,099**

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

Table 5-6: Joint Enrollment by Offering Arrangement: 2008

College	PSEO Students	PSEO Credit Hours	Contracted Students	Contracted Credit Hours	Tuition Students	Tuition Credit Hours	Total Joint Enrollment Students	Total Joint Enrollment Credit Hours	Unduplicated Joint Enrollment
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 5-7: Joint Enrollment and Credit Hours by Offering Arrangement as a Percentage of Total Joint Enrollment: 2004-2008

College	Percentage of Total Joint Enrollment			Percentage of Total Joint Enrollment Credit Hours		
	PSEO	Contracted	Tuition	PSEO	Contracted	Tuition
Northeast Iowa	15.4%	79.0%	5.6%	13.4%	79.2%	7.4%
North Iowa Area	12.7%	76.4%	10.9%	11.3%	73.8%	14.8%
Iowa Lakes	33.2%	60.1%	6.7%	28.2%	66.7%	5.2%
Northwest	14.4%	79.6%	6.0%	9.2%	86.7%	4.0%
Iowa Central	22.2%	77.8%	0.0%	13.2%	86.8%	0.0%
Iowa Valley	25.4%	74.6%	0.0%	18.9%	81.1%	0.0%
Hawkeye	17.3%	74.5%	8.1%	20.4%	71.6%	8.0%
Eastern Iowa	21.1%	66.7%	12.2%	20.6%	62.9%	16.5%
Kirkwood	26.1%	65.2%	8.7%	24.6%	67.6%	7.9%
Des Moines Area	5.6%	87.4%	7.0%	3.6%	90.5%	5.9%
Western Iowa Tech	8.2%	91.8%	0.0%	8.2%	91.8%	0.0%
Iowa Western	10.0%	88.7%	1.3%	6.7%	92.6%	0.6%
Southwestern	44.4%	52.9%	2.7%	33.7%	64.8%	1.6%
Indian Hills	21.4%	65.1%	13.5%	15.7%	74.0%	10.3%
Southeastern	18.5%	74.9%	6.6%	13.6%	80.4%	6.0%
Total	16.1%	77.9%	6.1%	12.3%	82.1%	5.6%

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

Table 5-8: Credit Joint Enrollment by Gender by Offering Arrangement: 2008

College	PSEO				Contracted				Tuition			
	Male		Female		Male		Female		Male		Female	
Northeast Iowa	163	2.9%	250	4.5%	1,010	3.8%	1,116	4.2%	44	2.1%	107	5.1%
North Iowa Area	50	0.9%	110	2.0%	441	1.6%	523	2.0%	54	2.6%	84	4.0%
Iowa Lakes	236	4.3%	386	7.0%	549	2.0%	577	2.2%	41	2.0%	85	4.1%
Northwest	24	0.4%	72	1.3%	252	0.9%	277	1.0%	18	0.9%	22	1.1%
Iowa Central	314	5.7%	441	8.0%	1,403	5.2%	1,245	4.6%	0	0.0%	0	0.0%
Iowa Valley	111	2.0%	181	3.3%	348	1.3%	504	1.9%	0	0.0%	0	0.0%
Hawkeye	99	1.8%	219	4.0%	630	2.3%	736	2.7%	45	2.2%	104	5.0%
Eastern Iowa	157	2.8%	340	6.2%	802	3.0%	765	2.9%	117	5.6%	169	8.1%
Kirkwood	265	4.8%	468	8.5%	950	3.5%	884	3.3%	98	4.7%	148	7.1%
Des Moines Area	171	3.1%	388	7.0%	4,306	16.1%	4,340	16.2%	234	11.2%	457	21.9%
Western Iowa Tech	68	1.2%	87	1.6%	994	3.7%	733	2.7%	0	0.0%	0	0.0%
Iowa Western	88	1.6%	96	1.7%	776	2.9%	853	3.2%	9	0.4%	15	0.7%
Southwestern	118	2.1%	216	3.9%	209	0.8%	189	0.7%	4	0.2%	16	0.8%
Indian Hills	56	1.0%	190	3.4%	279	1.0%	468	1.7%	47	2.3%	109	5.2%
Southeastern	41	0.7%	121	2.2%	291	1.1%	362	1.4%	19	0.9%	39	1.9%
Total	**1,961**	**35.5%**	**3,565**	**64.5%**	**13,240**	**49.4%**	**13,572**	**50.6%**	**730**	**35.0%**	**1,355**	**65.0%**

In Fiscal Year 2008, there were 51 students with unknown gender (not included in this table).

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

Table 5-9: Credit Joint Enrollment by Gender: 2004-2008

College	2004				2005				2006				2007				2008			
	Male		Female		Male		Female		Male		Female		Male		Female		Male		Female	
Northeast Iowa	838	46.8%	953	53.2%	851	44.7%	1,054	55.3%	1,002	44.9%	1,228	55.1%	1,103	47.6%	1,214	52.4%	1,123	46.6%	1,286	53.4%
North Iowa Area	301	41.7%	420	58.3%	453	47.9%	492	52.1%	430	45.6%	514	54.4%	455	43.2%	599	56.8%	545	43.2%	717	56.8%
Iowa Lakes	618	50.4%	608	49.6%	580	47.7%	635	52.3%	581	45.4%	698	54.6%	736	49.1%	763	50.9%	719	46.1%	842	53.9%
Northwest	184	41.3%	261	58.7%	201	43.8%	258	56.2%	252	43.9%	322	56.1%	327	45.6%	390	54.4%	278	45.8%	329	54.2%
Iowa Central	1,198	51.8%	1,116	48.2%	1,376	52.8%	1,230	47.2%	1,420	52.5%	1,287	47.5%	948	55.5%	760	44.5%	1,547	51.1%	1,479	48.9%
Iowa Valley	291	43.4%	380	56.6%	300	40.0%	450	60.0%	301	38.5%	481	61.5%	458	43.0%	606	57.0%	422	41.2%	602	58.8%
Hawkeye	316	37.8%	520	62.2%	308	38.4%	494	61.6%	448	44.0%	571	56.0%	617	42.9%	821	57.1%	697	43.6%	901	56.4%
Eastern Iowa	446	46.3%	518	53.7%	682	47.6%	752	52.4%	421	53.5%	366	46.5%	443	52.9%	394	47.1%	986	47.4%	1,095	52.6%
Kirkwood	864	50.8%	837	49.2%	769	48.0%	832	52.0%	936	53.0%	830	47.0%	971	52.0%	897	48.0%	1,209	47.8%	1,318	52.2%
Des Moines Area	2,503	50.0%	2,504	50.0%	2,981	49.1%	3,090	50.9%	3,675	47.5%	4,061	52.5%	2,222	49.3%	2,284	50.7%	4,509	48.8%	4,740	51.2%
Western Iowa Tech	1,380	55.5%	1,106	44.5%	1,198	59.2%	827	40.8%	1,247	58.4%	888	41.6%	1,673	53.2%	1,473	46.8%	1,062	56.4%	820	43.6%
Iowa Western	605	47.3%	673	52.7%	713	50.4%	703	49.6%	747	46.7%	851	53.3%	888	47.5%	983	52.5%	830	47.9%	903	52.1%
Southwestern	249	57.9%	181	42.1%	235	52.5%	213	47.5%	291	59.0%	202	41.0%	258	48.1%	278	51.9%	288	45.6%	344	54.4%
Indian Hills	197	31.6%	426	68.4%	222	36.3%	390	63.7%	223	32.7%	458	67.3%	213	32.4%	444	67.6%	356	34.1%	687	65.9%
Southeastern	249	44.7%	308	55.3%	266	43.5%	346	56.5%	363	45.0%	444	55.0%	145	45.3%	175	54.7%	319	41.7%	446	58.3%
Total	**10,239**	**48.6%**	**10,811**	**51.4%**	**11,135**	**48.6%**	**11,766**	**51.4%**	**12,337**	**48.3%**	**13,201**	**51.7%**	**11,457**	**48.7%**	**12,081**	**51.3%**	**14,890**	**47.4%**	**16,509**	**52.6%**

NOTE: In fiscal year 2005, there were 4 students with unknown gender (not included in this table).

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).

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

Table 5-10: Credit Joint Enrollment by Racial/Ethnic Background: 2004

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	2	1	1	0	541	1,246	1,791
North Iowa Area	0	3	6	18	694	0	721
Iowa Lakes	6	10	0	11	1,195	4	1,226
Northwest	2	5	0	3	422	13	445
Iowa Central	8	45	9	59	1,941	252	2,314
Iowa Valley	0	9	4	11	617	30	671
Hawkeye	1	6	25	11	781	12	836
Eastern Iowa	3	9	14	27	784	127	964
Kirkwood	16	14	19	29	1,387	236	1,701
Des Moines Area	14	136	119	91	3,871	776	5,007
Western Iowa Tech	11	68	20	127	2,123	137	2,486
Iowa Western	5	9	0	13	982	269	1,278
Southwestern	0	1	0	2	427	0	430
Indian Hills	3	7	5	7	598	3	623
Southeastern	0	6	9	11	509	22	557
Total	**71**	**329**	**231**	**420**	**16,872**	**3,127**	**21,050**
% of Total	**0.3%**	**1.6%**	**1.1%**	**2.0%**	**80.2%**	**14.9%**	**100.0%**

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

Table 5-11: Credit Joint Enrollment by Racial/Ethnic Background: 2005

College	American Indian	Asian	Black	Hispanic	White	Unknown	Total
Northeast Iowa	2	3	1	2	357	1,540	1,905
North Iowa Area	4	16	10	19	895	1	945
Iowa Lakes	1	10	1	10	1,187	6	1,215
Northwest	0	2	0	2	439	16	459
Iowa Central	10	64	12	118	2,249	153	2,606
Iowa Valley	2	12	4	25	671	36	750
Hawkeye	1	15	27	11	717	31	802
Eastern Iowa	9	15	25	51	1,144	190	1,434
Kirkwood	14	20	17	29	1,269	252	1,601
Des Moines Area	22	198	182	173	4,819	677	6,071
Western Iowa Tech	15	58	22	103	1,509	318	2,025
Iowa Western	6	12	7	16	1,160	215	1,416
Southwestern	0	1	0	4	442	1	448
Indian Hills	6	8	2	4	591	5	616
Southeastern	1	10	8	7	542	44	612
Total	**93**	**444**	**318**	**574**	**17,991**	**3,485**	**22,905**
% of Total	**0.4%**	**1.9%**	**1.4%**	**2.5%**	**78.5%**	**15.2%**	**100.0%**

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

Table 5-12: 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, Bureau of Community Colleges, Community College MIS.

Table 5-13: 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, Bureau of Community Colleges, Community College MIS.

Table 5-14: 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, Bureau of Community Colleges, Community College MIS.

Table 5-15: Credit Joint Enrollment by College by Residency Status: 2008

College	Iowa	Out-of-State	Inter-national	Unknown	Total
Northeast Iowa	2,401	8	0	0	2,409
North Iowa Area	1,259	2	1	0	1,262
Iowa Lakes	1,575	7	0	0	1,582
Northwest	606	2	0	0	608
Iowa Central	3,021	1	4	0	3,026
Iowa Valley	1,032	1	0	0	1,033
Hawkeye	1,598	0	0	0	1,598
Eastern Iowa	2,064	11	0	6	2,081
Kirkwood	2,523	3	1	0	2,527
Des Moines Area	9,248	1	0	0	9,249
Western Iowa Tech	1,857	25	0	0	1,882
Iowa Western	1,729	4	0	0	1,733
Southwestern	632	0	0	0	632
Indian Hills	1,061	0	0	0	1,061
Southeastern	757	6	4	0	767
Total	**31,363**	**71**	**10**	**6**	**31,450**

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

Table 5-16: Credit Joint Enrollment by Program Type: 2004

College	Arts & Sciences		College Parallel - Career Option		Career & Technical		Combination		Total
Northeast Iowa	1,714	95.7%	2	0.1%	60	3.4%	15	0.8%	1,791|||||||||||
North Iowa Area	556	77.1%	56	7.8%	91	12.6%	18	2.5%	721||||
Iowa Lakes	908	74.1%	50	4.1%	232	18.9%	36	2.9%	1,226||||||||
Northwest	382	85.8%	1	0.2%	61	13.7%	1	0.2%	445||
Iowa Central	2,045	88.4%	41	1.8%	214	9.3%	14	0.6%	2,314||||||||||||||
Iowa Valley	646	96.3%	9	1.3%	16	2.4%	0	0.0%	671||||
Hawkeye	744	89.0%	0	0.0%	81	9.7%	11	1.3%	836|||||
Eastern Iowa	759	78.7%	0	0.0%	197	20.4%	8	0.8%	964||||||
Kirkwood	668	39.3%	22	1.3%	943	55.4%	68	4.0%	1,701|||||||||||
Des Moines Area	4,972	99.3%	5	0.1%	18	0.4%	12	0.2%	5,007|||||||||||||||||||||||||||||||
Western Iowa Tech	1,121	45.1%	0	0.0%	1,365	54.9%	0	0.0%	2,486|||||||||||||||
Iowa Western	1,261	98.7%	1	0.1%	16	1.3%	0	0.0%	1,278||||||||
Southwestern	278	64.7%	1	0.2%	151	35.1%	0	0.0%	430||
Indian Hills	442	71.0%	1	0.2%	155	24.9%	25	4.0%	623||||
Southeastern	223	40.0%	5	0.9%	301	54.0%	28	5.0%	557|||||
Total	**16,719**	**79.4%**	**194**	**0.9%**	**3,901**	**18.5%**	**236**	**1.1%**	**21,050**

NOTE: Each bar "|" denotes 150 enrollees.

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

Table 5-17: Credit Joint Enrollment by Program Type: 2005

College	Arts & Sciences		College Parallel - Career Option		Career & Technical		Combination		Total
Northeast Iowa	1,814	95.2%	0	0.0%	74	3.9%	17	0.9%	1,905|||||||||||
North Iowa Area	573	60.6%	1	0.1%	310	32.8%	61	6.5%	945||||||
Iowa Lakes	930	76.5%	52	4.3%	187	15.4%	46	3.8%	1,215||||||||
Northwest	401	87.4%	0	0.0%	56	12.2%	2	0.4%	459|||
Iowa Central	2,184	83.8%	47	1.8%	345	13.2%	30	1.2%	2,606||||||||||||||||
Iowa Valley	730	97.3%	9	1.2%	11	1.5%	0	0.0%	750|||||
Hawkeye	719	89.7%	0	0.0%	81	10.1%	2	0.3%	802|||||
Eastern Iowa	1,113	77.6%	1	0.1%	303	21.1%	17	1.2%	1,434||||||||
Kirkwood	561	35.0%	26	1.6%	947	59.2%	67	4.2%	1,601|||||||||
Des Moines Area	5,987	98.6%	14	0.2%	51	0.8%	19	0.3%	6,071||||||||||||||||||||||||||||||||||||
Western Iowa Tech	912	45.0%	0	0.0%	1,113	55.0%	0	0.0%	2,025||||||||||||
Iowa Western	1,321	93.3%	0	0.0%	31	2.2%	64	4.5%	1,416|||||||||
Southwestern	291	65.0%	0	0.0%	157	35.0%	0	0.0%	448||
Indian Hills	445	72.2%	0	0.0%	162	26.3%	9	1.5%	616||||
Southeastern	231	37.8%	13	2.1%	346	56.5%	22	3.6%	612||||||
Total	**18,212**	**79.5%**	**163**	**0.7%**	**4,174**	**18.2%**	**356**	**1.6%**	**22,905**

NOTE: Each bar "|" denotes 150 enrollees.

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

Table 5-18: Credit Joint Enrollment by Program Type: 2006

College	Arts & Sciences		College Parallel - Career Option		Career & Technical		Combination		Total
Northeast Iowa	2,048	91.8%	3	0.1%	179	8.0%	0	0.0%	2,230||||||||||||||
North Iowa Area	486	51.5%	5	0.5%	420	44.5%	33	3.5%	944||||||
Iowa Lakes	1,232	96.3%	7	0.6%	23	1.8%	17	1.3%	1,279||||||||
Northwest	472	82.2%	1	0.2%	101	17.6%	0	0.0%	574|||
Iowa Central	2,210	81.6%	112	4.1%	361	13.3%	24	0.9%	2,707|||||||||||||||||
Iowa Valley	768	98.2%	5	0.6%	9	1.2%	0	0.0%	782|||||
Hawkeye	912	89.5%	0	0.0%	107	10.5%	0	0.0%	1,019||||||
Eastern Iowa	596	73.6%	3	0.4%	211	26.1%	0	0.0%	810|||||
Kirkwood	741	42.0%	18	1.0%	1,002	56.7%	5	0.3%	1,766||||||||||
Des Moines Area	6,723	86.9%	7	0.1%	972	12.6%	34	0.4%	7,736||||||||||||||||

Table 5-20: Credit Joint Enrollment by Program Type: 2008

College	Arts & Sciences		College Parallel - Career Option		Career & Technical		Combination		Total
Northeast Iowa	2,301	95.5%	0	0.0%	108	4.3%	0	0.0%	2,409|||||||||||||||
North Iowa Area	226	17.1%	0	0.0%	1,020	42.1%	77	5.5%	1,323|||||||
Iowa Lakes	1,176	74.3%	0	0.0%	406	20.4%	0	0.0%	1,582|||||||||
Northwest	535	88.0%	0	0.0%	73	10.7%	0	0.0%	608||||
Iowa Central	2,542	83.7%	65	1.8%	407	11.7%	22	0.7%	3,036|||||||||||||||||||
Iowa Valley	1,002	97.0%	19	1.8%	12	1.1%	0	0.0%	1,033||||||
Hawkeye	1,487	93.1%	0	0.0%	111	6.5%	0	0.0%	1,598|||||||||
Eastern Iowa	1,728	83.0%	2	0.1%	351	14.4%	0	0.0%	2,081||||||||||||
Kirkwood	853	32.1%	4	0.1%	1,496	33.5%	307	10.3%	2,660|||||||||||||||
Des Moines Area	5,689	60.7%	9	0.1%	3,583	27.5%	92	1.0%	9,373||||||||||||||||||

6 Credit Student Awards

Fiscal year credit awards track students who received any type of a community college award during fiscal year 2008. Award counts include the same student each time she receives an award during this period of time. In 2008, the number of awards declined, but the composition of community college awardees remained relatively the same.

Number of awards decreased in 2008 to 14,384, or by 1.6 percent compared to 2007. However, average number of awards in Iowa community colleges has increased 5.3 percent since tracking began in fiscal year 2000. Overall, the number of awards peaked in 2005 (15,023) and fluctuates since that year (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 4,551 (31.6%) of the total credit student awards granted during fiscal year 2008. Associate in Applied Science awards accounted for another 4,527 (31.5%) of awards issued. The share of Associate of Science awards increased from 7.2 percent in 2007 to 7.7 percent in 2008, and the share of certificates increased from 8.4 to 9.3 percent between the same years.

Credit Awards

Largest Award Type:

ASSOCIATES OF ARTS (AA)

Twenty-four more awards than Associates of Applied

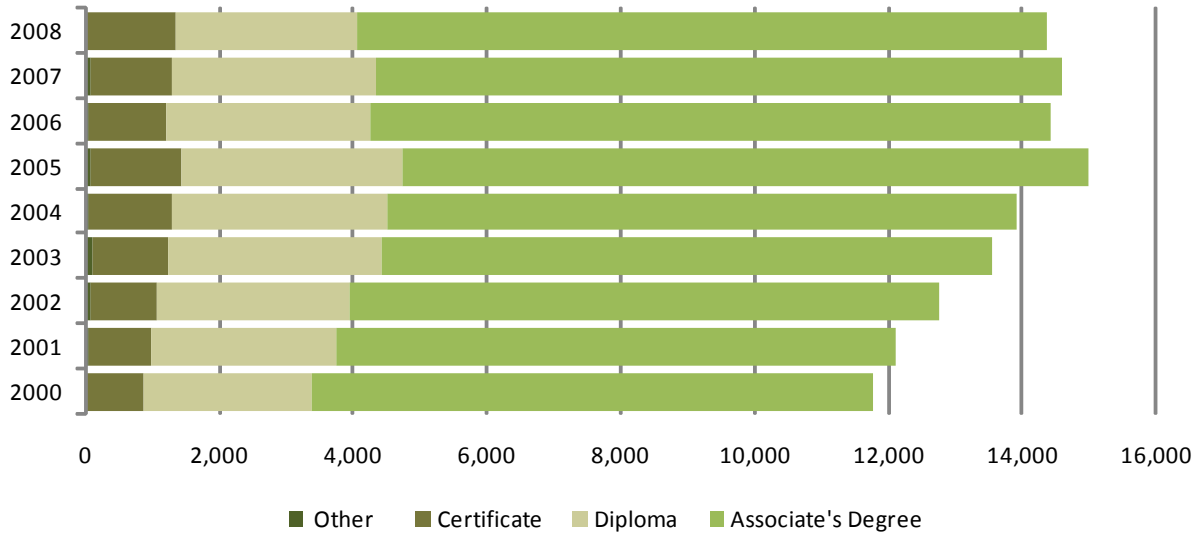
Number of Awards: **14,384**

Decline since last year: **1.6%**

Credit student awards by program majors have remained fairly consistent over the past five years. All areas reflect some fluctuations between fiscal year 2004 and fiscal year 2008. In career and technical education (CTE) programs, the largest number of awards was granted in the Health Science; followed by Business, Management and Administration and Agriculture, Food and Natural Resources programs. Steadily over the last nine years, the prevailing number of degrees (69-72%) were Associate's degrees, followed by Diplomas and Certificates (Figure 6-2).

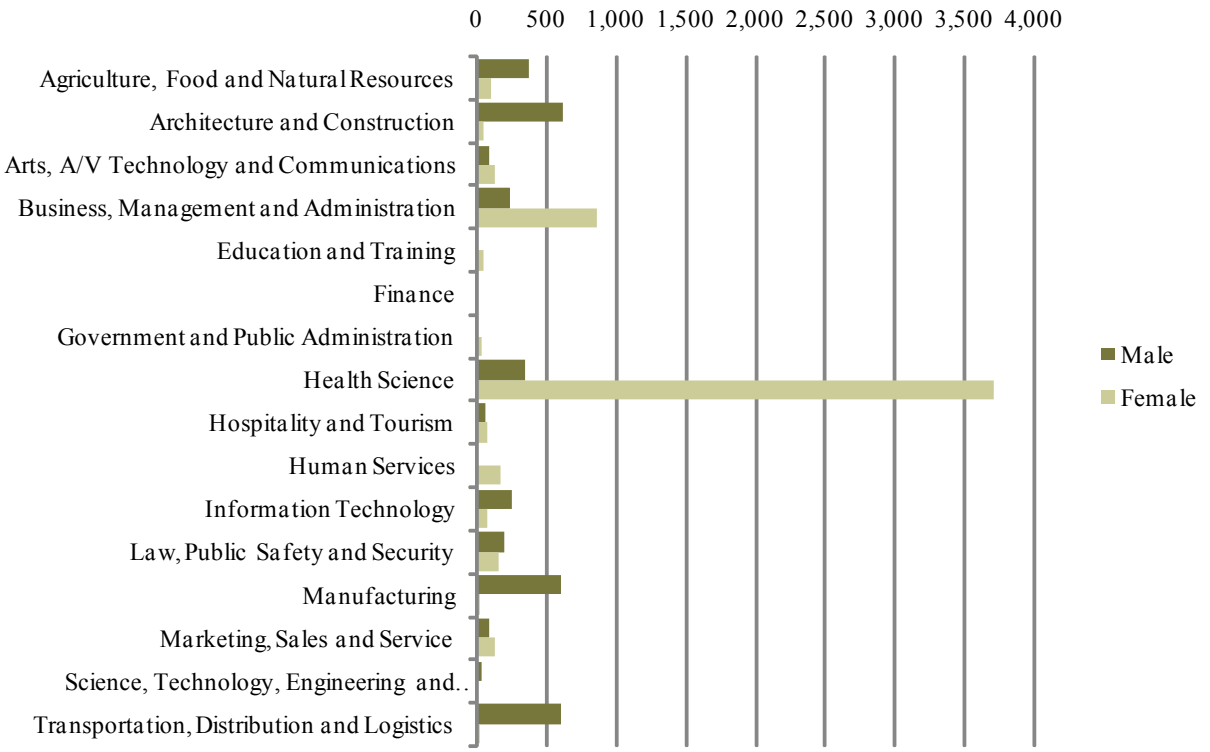
Although the national data does not classify program areas in the same educational clusters, recent data is

Figure 6-1: Awards by Type: 2000-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 7-1.

Figure 6-2: Fiscal Year Student Award by Program Major: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges Community College MIS, see Table 7-2.

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 Associate of Arts or Associate of Applied Sciences 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 59 percent of all enrollees in Iowa community colleges in 2008 were women, and 61 percent of all awardees in 2008 were women (Figure 6-3). Nationally, women also earn more awards than men (Knapp, Kelly-Reid, and Ginder, 2008). Sixty-three 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 89 percent of Iowa community colleges enrollees in 2008, they comprise 93 percent of all community college awardees in 2008.

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 (38%), and the largest group of 2008 enrollees among racial minorities (43.8%), but the students of Hispanic origin comprise 36 percent of all awardees among racial and ethnic minories, while representing only 26.7 percent of all minorities' enrollees in 2008 (Figure 6-4).

The dynamics of credit student awards for racial

Figure 6-3: Awards by Gender: 2008

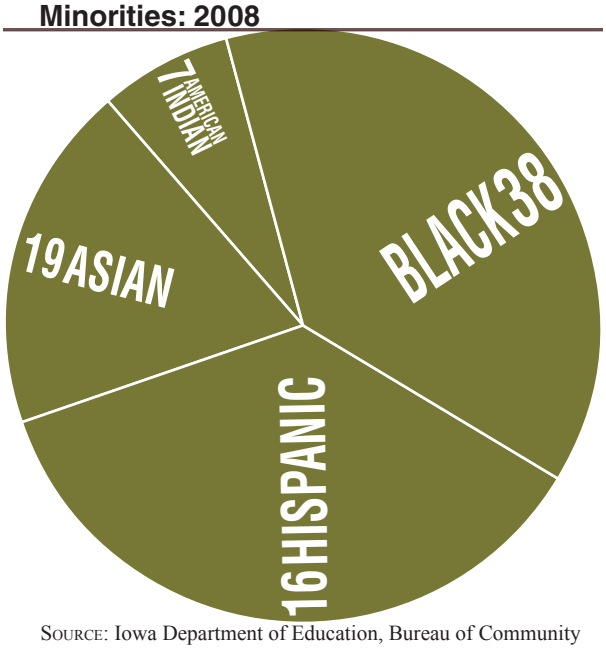
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 7-20.

minorities is similar to that of all community college awardees. The overwhelming majority of awards falls into two-year degrees (69% in 2008), followed by diplomas (17% in 2008) and certificates (14% in 2008). Unlike the entire community college population, the number of awards among racial and ethnic minorities kept growing, with some fluctuations, from 2000 to 2007, then somewhat declined in 2008 (Figure 6-6).

In 2008, nearly 34 percent of all CTE awards were in Health Science. The gender distribution, however, is even higher—43.2 percent of all CTE awards given to 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).

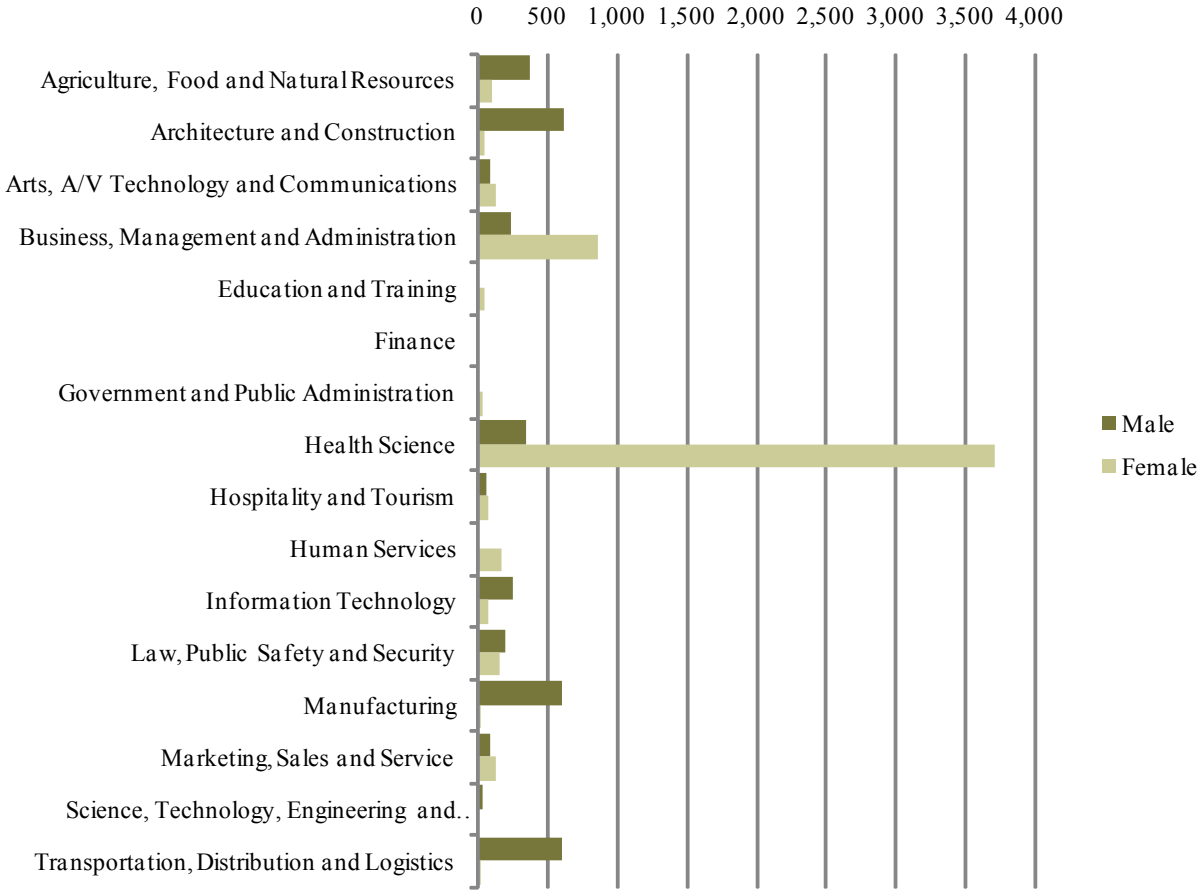
The majority of CTE awards for racial and ethnic minorities were among Health Science students, followed by awards in Business. The distribution, however, was more leveled in comparison with all awardees; for example, only 24 percent of all CTE awards fell into Health Science for minorities (Figure 6-7).

Figure 6-4: Awards by Racial and Ethnic Minorities: 2008



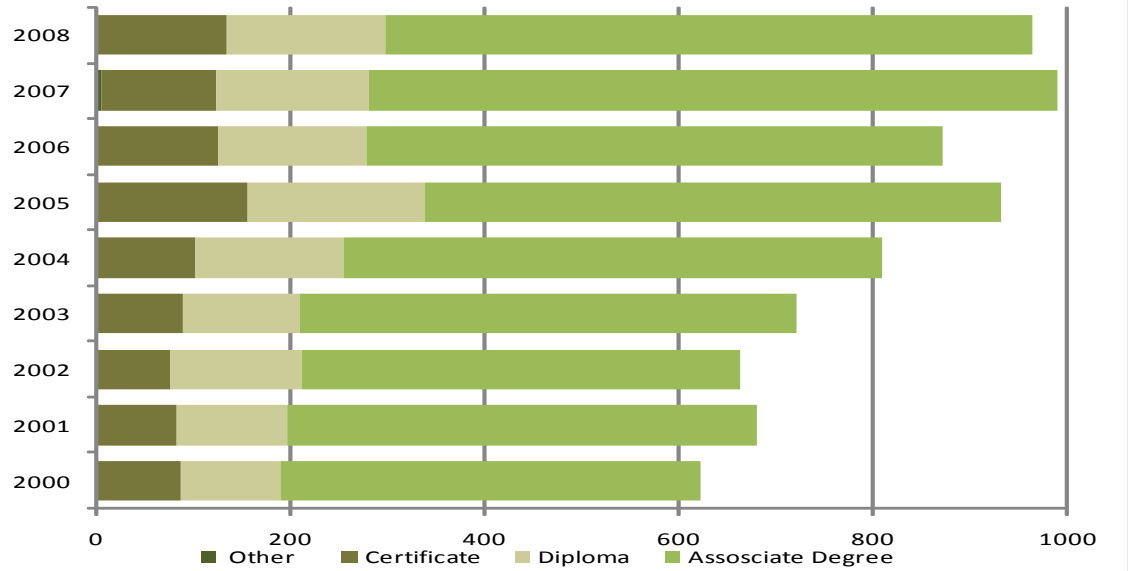
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 6-20.

Figure 6-5: Award by Gender by Program Major: 2008



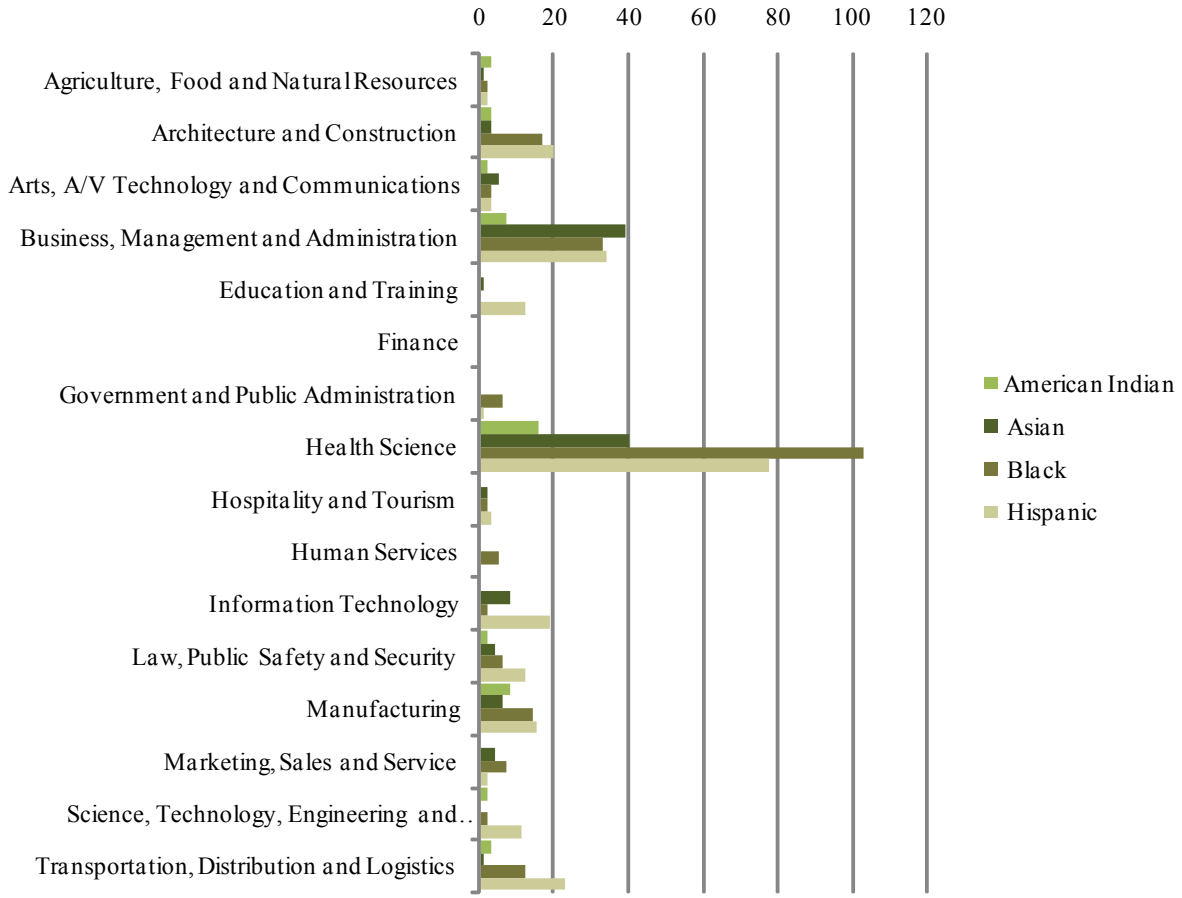
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 6-16 through 6-32.

Figure 6-6: Credit Student Awards by Racial/Ethnic Group: 2000-2008



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

Figure 6-7: Credit Student Awards by Program Major by Racial/Ethnic Group: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges and Career and Technical Education, see Table 6-42.

Table 6-1: Awards by Type: 2004–2008

Award Type	2004	2005	2006	2007	2008
AA	4,164||||||||	4,722|||||||||	4,661|||||||||	4,683|||||||||	4,551|||||||||
AS	1,021||	1,076||	1,106||	1,053||	1,112||
AGS	67	63	60	72	78
AAA	83	76	92	52	57
AAS	4,075||||||||	4,343||||||||	4,259||||||||	4,398||||||||	4,527|||||||||
Diploma	3,247||||||	3,307||||||	3,039||||||	3,055||||||	2,689|||||
Certificate	1,221||	1,348||	1,165||	1,221||	1,330||
Other	66	88	51	82	40
Total	**13,944**	**15,023**	**14,433**	**14,616**	**14,384**

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

Table 6-2: Awards by Career Cluster: 2004–2008

Cluster	2004	2005	2006	2007	2008
Agriculture, Food and Natural Resources	518|	585|	541|	511|	496
Architecture and Construction	683|	654|	585|	601|	693|
Arts, A/V Technology and Communications	282	242	243	243	238
Business, Management and Administration	1,341||	1,131||	1,137||	1,102||	1,129||
Education and Training	35	43	26	34	55
Finance	15	8	8	12	9
Government and Public Administration	51	57	61	35	38
Health Science	3,722|||||||	4,497||||||||	4,321||||||||	4,401||||||||	4,149||||||||
Hospitality and Tourism	101	127	132	140	147
Human Services	242	233	217	219	221
Information Technology	621|	507|	386	381	335
Law, Public Safety and Security	307	391	364	354	377
Manufacturing	698|	566|	605|	566|	655|
Marketing, Sales and Service	236	232	224	211	232
Science, Technology, Engineering and Mathematics	32	72	39	92	64
Transportation, Distribution and Logistics	622|	670|	557|	634|	649|
College Transfer (Parallel)	4,558|||||||||	5,115||||||||||	5,013||||||||||	5,100||||||||||	4,913||||||||||
Total	**14,064**	**15,130**	**14,459**	**14,636**	**14,400**

NOTE: Each "|" denotes 500 students. Students may have received award in multiple clusters.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-3: Awards by Career Cluster: 2004–2008

Cluster	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Agriculture, Food and Natural Resources	383|	119	405|	164	388|	149	349|	146	384|	102
Architecture and Construction	616||	49	600||	43	535|	47	560|	37	625||	58
Arts, A/V Technology and Communications	94	182	91	147	84	155	77	165	94	142
Business, Management and Administration	254	1,045|||	195	903|||	232	903|||	191	903|||	248	871||
Education and Training	2	31	3	38	9	17	7	26	5	49
Finance	4	11	2	6	4	4	7	5	2	7
Government and Public Administration	8	42	9	44	8	53	6	29	3	35
Health Science	320|	3,362|||||||||||	394|	4,049|||||||||||||	362|	3,914|||||||||||||	370|	3,991|||||||||||||	350|	3,722||||||||||||
Hospitality and Tourism	49	51	66	61	54	70	62	77	62	81
Human Services	7	225	5	221	5	211	5	214	8	182
Information Technology	427|	187	358|	140	292	91	275	99	252	82
Law, Public Safety and Security	183	120	214	172	199	162	193	158	205	168
Manufacturing	654||	38	521|	33	560|	35	530|	33	613||	31
Marketing, Sales and Service	83	144	79	136	91	131	101	105	89	141
Science, Technology, Engineering and Mathematics	18	12	41	28	24	11	60	31	41	18
Transportation, Distribution and Logistics	578|	28	625||	30	527|	16	606||	21	611||	32
College Transfer (Parallel)	1,754|||||	2,725|||||||||	2,075||||||	2,984||||||||	1,909||||||	3,037|||||||||	2,041||||||	2,992||||||||	1,967||||||	2,886||||||||
Total	**5,434**	**8,371**	**5,683**	**9,199**	**5,283**	**9,006**	**5,440**	**9,032**	**5,559**	**8,607**

NOTE: Each "|" denotes 300 students. Does not include student with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2004 = 139 (1%); fiscal year 2005 = 141 (0.9%); fiscal year 2006 = 144 (1%); fiscal year 2007 = 144 (1%); fiscal year 2008 = 190 (1.3%).
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-4: Award Types by Race: 2004–2008

Award Type	2004		2005		2006		2007		2008	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
AA	3,674	286	4,177	284	4,092	328	4,055	367	3,973	321
AS	903	74	953	81	993	59	923	75	984	82
AGS	53	9	49	8	54	5	58	12	66	9
AAA	78	2	73	3	86	4	48	2	53	3
AAS	3,732	184	3,938	217	3,888	195	3,910	251	4,077	249
Diploma	2,946	152	3,023	182	2,774	153	2,779	158	2,417	164
Certificate	1,046	103	1,096	154	947	126	1,022	117	1,084	134
Other	66	0	84	3	49	1	71	7	39	1
Total	**12,498**	**810**	**13,393**	**932**	**12,883**	**871**	**12,866**	**989**	**12,693**	**963**
% of Total	**90%**	**6%**	**89%**	**6%**	**89%**	**6%**	**88%**	**7%**	**88%**	**7%**

NOTE: Does not include student with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2004 = 636 (4.6%) fiscal year 2005 = 698 (4.7%); fiscal year 2006 = 679 (4.7%); fiscal year 2007 = 610 (4.2%); fiscal year 2008 = 728 (5.1%). Students may have received more than one award.

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

Table 6-5: Awards by Career Cluster and Race: 2004–2008

Cluster	2004		2005		2006		2007		2008	
	White	Minority	White	Minority	White	Minority	White	Minority	White	Minority
Agriculture, Food and Natural Resources	475	7	538	10	505	8	460	14	464	8
Architecture and Construction	610	25	595	19	526	25	518	36	607	43
Arts, A/V Technology and Communications	253	12	217	11	222	11	210	17	217	13
Business, Management and Administration	1,152	93	1,002	72	1,030	72	960	100	974	113
Education and Training	32	1	38	0	22	3	19	10	37	13
Finance	13	0	7	1	7	0	10	1	8	0
Government and Public Administration	36	9	38	10	51	8	25	9	28	7
Health Science	3,408	197	4,027	307	3,869	271	3,985	242	3,724	237
Hospitality and Tourism	81	9	105	13	110	9	121	11	133	7
Human Services	211	12	196	13	200	6	193	13	180	5
Information Technology	556	33	439	27	332	25	339	22	299	29
Law, Public Safety and Security	268	21	344	27	330	10	308	22	333	24
Manufacturing	639	28	509	32	552	25	512	31	563	43
Marketing, Sales and Service	203	14	198	11	201	9	187	8	205	13
Science, Technology, Engineering and Mathematics	29	0	34	18	33	2	49	21	34	15
Transportation, Distribution and Logistics	559	19	592	35	498	28	557	37	576	39
College Transfer (Parallel)	3,973	330	4,514	326	4,395	359	4,413	395	4,284	353
Total	**12,498**	**810**	**13,393**	**932**	**12,883**	**871**	**12,866**	**989**	**12,666**	**962**
Percent of Total	**94%**	**6%**	**93%**	**7%**	**94%**	**6%**	**93%**	**7%**	**93%**	**7%**

NOTE: Does not include student with unknown or unreported gender. The following are unknown/unreported totals: fiscal year 2004 = 636 (4.6%); fiscal year 2005 = 698 (4.6%); fiscal year 2006 = 679 (4.7%); fiscal year 2007 = 610 (4.2%); fiscal year 2008 = 728 (5.1%).
SOURCE: Iowa Deparment of Education, Bureau of Community Colleges, Community College MIS.

Table 6-6: Awards by Career Cluster and College: 2004

Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-completers	Total
Agriculture, Food and Natural Resources	4	27	0	0	321	77	79	0	10	518
Architecture and Construction	0	9	1	0	294	324	41	0	14	683
Arts, A/V Technology and Communications	7	29	1	83	158	3	0	0	1	282
Business, Management and Administration	7	262	1	0	445	351	235	0	40	1,341
Education and Training	3	4	0	0	22	0	5	0	1	35
Finance	0	11	0	0	4	0	0	0	0	15
Government and Public Administration	10	38	0	0	0	0	2	0	1	51
Health Science	1	8	0	0	1,365	1,689	576	66	17	3,722
Hospitality and Tourism	0	0	0	0	77	16	7	0	1	101
Human Services	22	40	0	0	65	96	11	0	8	242
Information Technology	1	72	3	0	383	86	74	0	2	621
Law, Public Safety and Security	70	100	0	0	101	2	34	0	0	307
Manufacturing	0	4	0	0	372	280	40	0	2	698
Marketing, Sales and Service	2	33	0	0	119	30	43	0	9	236
Science, Technology, Engineering and Mathematics	0	5	0	0	26	0	0	0	1	32
Transportation, Distribution and Logistics	0	9	1	0	313	217	69	0	13	622
College Transfer (Parallel)	4,037	370	60	0	10	76	5	0	0	4,558
Total	**4,164**	**1,021**	**67**	**83**	**4,075**	**3,247**	**1,221**	**66**	**120**	**14,064**

NOTE: College Transfer (Parallel) is not a formal career cluster, but is included in the analysis for completeness.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-7: Awards by Career Cluster and College: 2005

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	77	10	58	0	3	14	85	16	194	66	17	11	9	4	21	585
Architecture and Construction	86	22	21	28	36	47	34	25	111	73	73	23	30	22	23	654
Arts, A/V Technology and Communications	0	0	6	0	4	5	69	15	59	49	6	15	7	0	7	242
Business, Management and Administration	159	63	35	24	59	28	56	114	118	190	120	22	23	78	42	1,131
Education and Training	0	3	0	0	0	0	0	13	9	0	4	14	0	0	0	43
Finance	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
Government and Public Administration	6	0	0	0	15	0	0	0	17	19	0	0	0	0	0	57
Health Science	453	356	203	46	213	130	630	183	540	500	363	219	107	331	223	4,497
Hospitality and Tourism	0	0	11	0	0	0	0	6	49	40	0	9	0	12	0	127
Human Services	29	0	20	0	0	0	15	23	41	23	35	9	0	30	8	233
Information Technology	29	28	7	10	12	18	15	29	135	73	28	17	10	64	32	507
Law, Public Safety and Security	0	22	14	0	24	11	48	0	89	96	48	0	0	16	23	391
Manufacturing	47	13	11	16	45	11	51	20	53	36	42	15	6	162	38	566
Marketing, Sales and Service	46	5	4	4	0	1	11	0	48	94	9	10	0	0	0	232
Science, Technology, Engineering and Mathematics	0	0	0	0	3	0	2	20	10	0	2	27	0	8	0	72
Transportation, Distribution and Logistics	45	15	78	2	24	0	59	115	46	83	50	40	21	63	29	670
College Parallel	214	365	190	16	340	329	404	517	902	646	108	321	87	389	287	5,115
Total	**1,191**	**902**	**658**	**146**	**778**	**594**	**1,479**	**1,096**	**2,429**	**1,988**	**905**	**752**	**300**	**1,179**	**733**	**15,130**

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

Table 6-8: 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, Bureau of Community Colleges, Community College MIS.

Table 6-9: 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, Bureau of Community Colleges, Community College MIS.

Table 6-10: Awards by Career Cluster and College: 2008

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

NOTE: Students may have received awards in more than one cluster. Non-graduate program completers were not included in the credit student awards by career cluster charts.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-11: Awards by Career Cluster and Award Type: 2004

Career Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-Completed	Total
Agriculture, Food and Natural Resources	4	27	0	0	321	77	79	0	10	518
Architecture and Construction	0	9	1	0	294	324	41	0	14	683
Arts, A/V Technology and Communications	7	29	1	83	158	3	0	0	1	282
Business, Management and Administration	7	262	1	0	445	351	235	0	40	1,341
Education and Training	3	4	0	0	22	0	5	0	1	35
Finance	0	11	0	0	4	0	0	0	0	15
Government and Public Administration	10	38	0	0	0	0	2	0	1	51
Health Science	1	8	0	0	1,365	1,689	576	66	17	3,722
Hospitality and Tourism	0	0	0	0	77	16	7	0	1	101
Human Services	22	40	0	0	65	96	11	0	8	242
Information Technology	1	72	3	0	383	86	74	0	2	621
Law, Public Safety and Security	70	100	0	0	101	2	34	0	0	307
Manufacturing	0	4	0	0	372	280	40	0	2	698
Marketing, Sales and Service	2	33	0	0	119	30	43	0	9	236
Science, Technology, Engineering and Mathematics	0	5	0	0	26	0	0	0	1	32
Transportation, Distribution and Logistics	0	9	1	0	313	217	69	0	13	622
College Transfer (Parallel)	4,037	370	60	0	10	76	5	0	0	4,558
Total	**4,164**	**1,021**	**67**	**83**	**4,075**	**3,247**	**1,221**	**66**	**120**	**14,064**

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, Bureau of Community Colleges, Community College MIS.

Table 6-12: Awards by Career Cluster and Award Type: 2005

Career Cluster	AA	AS	AGS	AAA	AAS	Diploma	Certificate	Other	Non-Completed	Total
Agriculture, Food and Natural Resources	0	27|	0	0	393||||||||||||||	77|||	74||	0	14	585
Architecture and Construction	0	9	0	0	293|||||||	296||||||||	49|	0	7	654
Arts, A/V Technology and Communications	8	18|	0	76||||||	133||||||||||	4	0	0	3	242
Business, Management and Administration	4	262||||	0	0	386||||||	288|||||	162||	0	29	1,131
Education and Training	2	10|||	0	0	26||||||||	0	4|	0	1	43
Finance	0	4||||||||	0	0	4||||||||	0	0	0	0	8
Government and Public Administration	16||||||||	37||||||||||||||||||	0	0	0	0	1	0	3|	57
Health Science	5	23	0	0	1,620|||||||	2,008|||||||||	747|||	88	6	4,497
Hospitality and Tourism	0	3	0	0	101||||||||||||	12|	11|	0	0	127
Human Services	26||	38|||	0	0	59|||||	89||||||||	16|	0	5	233
Information Technology	2	51|||	0	0	313||||||||||||||||	79||||	59|||	0	3	507
Law, Public Safety and Security	70|||	125||||||	0	0	123||||||	14	59|||	0	0	391
Manufacturing	0	1	0	0	344||||||||||	185|||||	30	0	6	566
Marketing, Sales and Service	0	21|	0	0	124|||||||||	36|||	36|||	0	15|	232
Science, Technology, Engineering and Mathematics	0	8||	0	0	63||||||||||||||||	0	1	0	0	72
Transportation, Distribution and Logistics	0	6	0	0	357||||||||||	198||||||	94||	0	15	670
College Transfer (Parallel)	4,589	433	63	0	4	21	5	0	0	5,115
Total	**4,722**	**1,076**	**63**	**76**	**4,343**	**3,307**	**1,348**	**88**	**107**	**15,130**

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, Bureau of Community Colleges, Community College MIS.

Table 6-13: 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 "I" denotes five percent of total.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-14: 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, Bureau of Community Colleges, Community College MIS.

Table 6-15: Awards by Career Cluster and Award Type: 2008

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

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

Table 6-16: Awards in Agriculture, Food, and Natural Resouces by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	37	12	50	14	50	4	45	6	42	10
North Iowa Area	15	2	9	1	11	1	9	0	20	1
Iowa Lakes	40	3	57	1	53	4	48	7	41	2
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	3	0	2	0	5	1	2	1
Iowa Valley	9	1	12	2	17	16	7	6	14	6
Hawkeye	70	7	74	11	57	12	59	17	60	22
Eastern Iowa	21	3	11	5	16	6	20	7	17	3
Kirkwood	113	61	102	90	104	78	98	66	98	32
Des Moines Area	45	18	47	19	36	13	31	16	55	12
Western Iowa Tech	9	7	12	5	16	7	3	8	2	4
Iowa Western	5	1	9	1	13	1	12	2	14	2
Southwestern	8	0	5	4	1	1	3	0	3	3
Indian Hills	4	2	3	1	3	1	4	2	7	1
Southeastern	7	2	11	10	9	5	5	8	9	3
Total by Gender	**383**	**119**	**405**	**164**	**388**	**149**	**349**	**146**	**384**	**102**
Total	**502**		**569**		**537**		**495**		**486**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-17: Awards Artchitecture and Construction by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	68	2	76	2	36	5	51	1	59	1
North Iowa Area	17	0	22	0	11	0	11	1	14	0
Iowa Lakes	33	1	19	1	32	2	28	1	46	0
Northwest	62	0	28	0	74	0	71	1	76	2
Iowa Central	33	7	35	0	20	3	44	2	28	4
Iowa Valley	26	3	47	0	28	0	28	3	18	3
Hawkeye	33	5	30	4	25	3	36	3	29	3
Eastern Iowa	42	4	24	1	17	4	29	0	30	8
Kirkwood	93	6	98	13	86	8	86	4	47	7
Des Moines Area	65	9	68	5	67	8	63	10	89	10
Western Iowa Tech	63	2	67	6	57	8	44	7	105	6
Iowa Western	28	1	22	1	21	0	20	0	21	6
Southwestern	33	6	29	1	25	3	26	1	36	3
Indian Hills	12	2	15	6	17	2	17	1	16	2
Southeastern	8	1	20	3	19	1	6	2	11	3
Total by Gender	**616**	**49**	**600**	**43**	**535**	**47**	**560**	**37**	**625**	**58**
Total	**665**		**643**		**582**		**597**		**683**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-18: Awards in Arts, A/V Technology, and Communications by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	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	2
Iowa Lakes	7	8	4	2	5	9	8	15	8	8
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	3	0	3	1	2	2	5	3	5	2
Iowa Valley	3	0	2	3	2	0	4	2	1	2
Hawkeye	14	62	15	54	18	64	10	39	14	38
Eastern Iowa	6	13	5	10	4	6	2	13	3	10
Kirkwood	14	53	17	42	10	34	12	40	14	37
Des Moines Area	27	23	26	23	25	25	23	24	26	22
Western Iowa Tech	9	9	4	2	2	5	2	9	8	3
Iowa Western	5	6	5	6	10	2	10	10	9	8
Southwestern	3	1	6	1	6	2	1	1	3	1
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	3	7	4	3	0	6	0	9	3	9
Total by Gender	**94**	**182**	**91**	**147**	**84**	**155**	**77**	**165**	**94**	**142**
Total	**276**		**238**		**239**		**242**		**236**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-19: Awards in Business Management and Administration by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	24	107	21	109	15	119	12	79	18	62
North Iowa Area	15	55	22	41	18	47	18	53	19	43
Iowa Lakes	6	40	4	31	4	27	8	25	8	32
Northwest	1	27	6	18	10	20	3	26	4	21
Iowa Central	1	29	7	52	2	42	8	26	7	36
Iowa Valley	1	20	1	27	1	27	0	21	1	24
Hawkeye	3	76	4	52	2	41	4	42	2	29
Eastern Iowa	4	97	6	108	19	107	10	171	33	110
Kirkwood	29	116	19	97	29	98	30	99	27	93
Des Moines Area	37	126	46	144	75	147	55	159	68	194
Western Iowa Tech	112	176	38	80	40	76	28	72	37	68
Iowa Western	3	17	1	21	4	26	2	13	3	22
Southwestern	4	34	7	16	3	12	6	21	8	21
Indian Hills	8	85	9	69	3	68	2	41	5	66
Southeastern	6	40	4	38	7	46	5	55	8	50
Total by Gender	**254**	**1045**	**195**	**903**	**232**	**903**	**191**	**903**	**248**	**871**
Total	**1299**		**1098**		**1135**		**1094**		**1119**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-20: Awards in Education and Training by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	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	1	2	1	5	0	1	0	0	3
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	5	1	12	0	3	0	2	1	1
Kirkwood	0	5	0	8	2	2	0	4	0	5
Des Moines Area	0	0	0	0	1	2	5	6	4	24
Western Iowa Tech	0	5	0	4	1	2	0	3	0	2
Iowa Western	1	15	0	13	0	8	1	11	0	14
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	**2**	**31**	**3**	**38**	**9**	**17**	**7**	**26**	**5**	**49**
Total	**33**		**41**		**26**		**33**		**54**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-21: Awards in Finance by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	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	2	0	0	0	1	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	4	9	2	6	4	3	6	4	1	7
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	1	1	1	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	**4**	**11**	**2**	**6**	**4**	**4**	**7**	**5**	**2**	**7**
Total	**15**		**8**		**8**		**12**		**9**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-22: Awards in Government and Public Administration: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	6	0	3	0	3	1	2	0	1
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	1	16	2	12	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	1	12	1	16	3	27	2	10	2	15
Des Moines Area	6	8	6	13	5	23	3	17	1	19
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**	**42**	**9**	**44**	**8**	**53**	**6**	**29**	**3**	**35**
Total	**50**		**53**		**61**		**35**		**38**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-23: Awards in Health Science by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	25	373	41	407	24	349	26	321	28	300
North Iowa Area	49	279	48	297	44	239	33	267	49	295
Iowa Lakes	4	111	15	188	12	192	21	172	19	179
Northwest	5	64	3	43	1	82	8	100	6	76
Iowa Central	12	170	11	202	19	188	12	183	15	204
Iowa Valley	7	103	15	115	8	128	8	119	6	118
Hawkeye	32	442	45	549	41	582	38	518	32	511
Eastern Iowa	26	151	23	160	22	177	30	304	13	172
Kirkwood	49	448	48	492	47	460	46	493	24	292
Des Moines Area	27	324	45	455	42	353	38	416	43	413
Western Iowa Tech	19	199	22	340	23	367	25	318	23	313
Iowa Western	15	186	15	203	21	220	21	196	23	210
Southwestern	5	89	6	101	5	83	11	91	12	99
Indian Hills	31	247	35	296	28	300	32	329	37	365
Southeastern	14	176	22	201	25	194	21	164	20	175
Total by Gender	**320**	**3362**	**394**	**4049**	**362**	**3914**	**370**	**3991**	**350**	**3722**
Total	**3682**		**4443**		**4276**		**4361**		**4072**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-24: Awards in Hospitality and Tourism by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	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	1	0	0	1	1	3
Iowa Lakes	2	5	5	6	9	9	4	6	5	5
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	4	0	5	1	3	4	3	8	1	5
Kirkwood	18	23	19	30	13	31	24	28	17	22
Des Moines Area	16	17	26	14	12	15	22	22	28	29
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	6	4	5	4	13	4	8	5	7	6
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	3	2	6	6	3	7	1	7	3	11
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	**49**	**51**	**66**	**61**	**54**	**70**	**62**	**77**	**62**	**81**
Total	**100**		**127**		**124**		**139**		**143**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-25: Awards in Human Services by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	31	1	23	0	14	0	13	0	8
North Iowa Area	0	0	0	0	0	0	0	2	0	0
Iowa Lakes	2	29	0	20	0	16	0	23	0	17
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	0	1	17	0	6	3	15
Iowa Valley	0	5	0	0	0	6	0	4	0	5
Hawkeye	0	16	0	15	1	10	1	19	0	12
Eastern Iowa	0	14	0	23	0	11	0	21	3	25
Kirkwood	1	32	1	40	1	36	1	24	0	20
Des Moines Area	1	19	0	23	0	23	1	23	0	22
Western Iowa Tech	1	32	0	35	0	22	0	22	0	23
Iowa Western	1	11	0	9	0	13	0	14	0	10
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	1	34	0	29	0	35	1	35	0	21
Southeastern	0	2	3	4	2	8	1	8	2	4
Total by Gender	**7**	**225**	**5**	**221**	**5**	**211**	**5**	**214**	**8**	**182**
Total	**232**		**226**		**216**		**219**		**190**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-26: Awards in Information Technology by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	9	3	15	7	22	21	19	12	13	17
Iowa Lakes	10	9	7	7	8	6	13	10	8	6
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	12	10	15	9	22	14	11	2	12	9
Iowa Valley	10	2	4	7	5	1	6	2	3	5
Hawkeye	27	9	44	3	18	6	21	7	31	5
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	55	41	40	46	60	36	55	44	51	47
Des Moines Area	17	20	48	48	28	39	35	39	42	34
Western Iowa Tech	24	15	23	25	19	19	18	23	21	26
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	13	3	7	9	10	7	9	4	17	2
Southeastern	6	8	11	11	7	13	6	15	7	17
Total by Gender	**183**	**120**	**214**	**172**	**199**	**162**	**193**	**158**	**205**	**168**
Total	**303**		**386**		**361**		**351**		**373**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-27: Awards in Law, Public Safety, and Security by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	0	0	0	0	0	0	0	0	0	0
North Iowa Area	9	3	15	7	22	21	19	12	13	17
Iowa Lakes	10	9	7	7	8	6	13	10	8	6
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	12	10	15	9	22	14	11	2	12	9
Iowa Valley	10	2	4	7	5	1	6	2	3	5
Hawkeye	27	9	44	3	18	6	21	7	31	5
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	55	41	40	46	60	36	55	44	51	47
Des Moines Area	17	20	48	48	28	39	35	39	42	34
Western Iowa Tech	24	15	23	25	19	19	18	23	21	26
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	13	3	7	9	10	7	9	4	17	2
Southeastern	6	8	11	11	7	13	6	15	7	17
Total by Gender	**183**	**120**	**214**	**172**	**199**	**162**	**193**	**158**	**205**	**168**
Total	**303**		**386**		**361**		**351**		**373**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-28: Awards in Manufacturing by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	31	8	36	6	9	14	21	6	22	1
North Iowa Area	13	0	12	1	2	2	7	0	13	0
Iowa Lakes	6	0	11	0	4	4	11	0	7	1
Northwest	23	0	15	1	0	0	15	2	34	1
Iowa Central	53	2	42	2	0	0	64	1	67	3
Iowa Valley	8	2	11	0	2	1	7	1	15	0
Hawkeye	78	4	48	3	3	5	69	6	79	1
Eastern Iowa	10	2	19	0	0	0	16	0	28	2
Kirkwood	60	3	52	1	15	20	47	1	52	0
Des Moines Area	33	0	33	3	43	67	73	1	83	8
Western Iowa Tech	52	5	38	2	8	4	44	2	48	1
Iowa Western	10	2	12	1	5	14	11	0	16	1
Southwestern	2	1	4	2	0	0	0	0	0	0
Indian Hills	250	7	153	8	0	0	111	11	106	11
Southeastern	25	2	35	3	0	0	34	2	43	1
Total by Gender	**654**	**38**	**521**	**33**	**91**	**131**	**530**	**33**	**613**	**31**
Total	**692**		**554**		**222**		**563**		**644**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-29: Awards in Marketing by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	11	18	10	23	9	14	10	17	3	15
North Iowa Area	3	2	1	4	2	2	0	0	0	2
Iowa Lakes	1	8	3	1	4	4	7	1	3	2
Northwest	0	0	3	1	0	0	0	0	0	2
Iowa Central	0	0	0	0	0	0	0	0	0	0
Iowa Valley	2	0	0	1	2	1	1	3	2	4
Hawkeye	5	11	5	5	3	5	4	3	5	10
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	29	20	20	28	15	20	11	25	16	23
Des Moines Area	28	70	33	61	43	67	59	36	50	63
Western Iowa Tech	1	3	4	5	8	4	4	9	6	8
Iowa Western	3	12	0	7	5	14	5	11	4	12
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	**83**	**144**	**79**	**136**	**91**	**131**	**101**	**105**	**89**	**141**
Total	**227**		**215**		**222**		**206**		**230**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-30: Awards in Science, Technology, Engineering, and Mathematics (STEM) by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	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	3	0
Iowa Lakes	2	1	0	0	0	0	0	1	2	0
Northwest	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	1	3	0	2	0	5	1	5	1
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	3	1	2	0	5	4	1	1	5	0
Eastern Iowa	3	0	12	8	6	1	29	12	12	10
Kirkwood	5	7	4	3	2	1	5	0	1	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	1	1	0	0	1	1	4	2
Iowa Western	3	2	12	15	4	1	10	13	2	4
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	2	0	7	1	5	4	9	2	7	1
Southeastern	0	0	0	0	0	0	0	0	0	0
Total by Gender	**18**	**12**	**41**	**28**	**24**	**11**	**60**	**31**	**41**	**18**
Total	**30**		**69**		**35**		**91**		**59**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-31: Awards in Transportation, Distribution, and Logistics by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	36	1	37	1	23	0	26	0	17	0
North Iowa Area	20	1	15	0	14	1	12	1	12	0
Iowa Lakes	69	2	75	3	67	1	52	1	53	2
Northwest	19	0	2	0	13	1	26	1	41	1
Iowa Central	18	1	24	0	19	0	20	1	26	1
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	55	4	56	3	53	3	53	0	49	2
Eastern Iowa	71	7	108	7	64	4	114	8	97	10
Kirkwood	43	4	45	1	29	1	44	1	20	0
Des Moines Area	68	1	80	3	77	1	78	2	88	3
Western Iowa Tech	44	1	46	4	41	0	62	2	47	5
Iowa Western	27	1	32	0	32	0	27	1	43	5
Southwestern	11	1	18	3	29	2	36	3	34	1
Indian Hills	53	2	61	2	47	2	47	0	63	0
Southeastern	44	2	26	3	19	0	9	0	21	2
Total by Gender	**578**	**28**	**625**	**30**	**527**	**16**	**606**	**21**	**611**	**32**
Total	**606**		**655**		**543**		**627**		**643**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-32: Awards in College Transfer (Parallel) by Gender: 2004–2008

College	2004		2005		2006		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Northeast	55	131	61	152	57	129	61	126	49	116
North Iowa Area	138	197	157	201	144	175	145	194	136	158
Iowa Lakes	69	94	69	116	71	107	59	115	67	112
Northwest	9	26	4	12	4	14	12	15	3	23
Iowa Central	156	180	157	177	160	184	153	184	149	181
Iowa Valley	110	150	132	197	118	194	121	149	107	127
Hawkeye	163	198	159	240	145	205	145	186	140	217
Eastern Iowa	206	357	207	305	204	362	251	425	207	332
Kirkwood	349	445	421	469	362	476	383	468	392	429
Des Moines Area	162	268	281	365	270	410	301	405	302	436
Western Iowa Tech	33	71	38	68	32	90	40	98	34	95
Iowa Western	80	168	118	201	104	218	121	201	135	205
Southwestern	33	54	28	59	30	49	40	56	31	54
Indian Hills	110	239	132	249	130	266	137	211	128	230
Southeastern	81	147	111	173	78	158	72	159	87	171
Total by Gender	**1754**	**2725**	**2075**	**2984**	**1909**	**3037**	**2041**	**2992**	**1967**	**2886**
Total	**4479**		**5059**		**4946**		**5033**		**4853**	

SOUCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-33: Awards by Career Cluster and Ethnicity/Race: 2008

Cluster	American Indian	Asian	Black	Hispanic	White	Not Reported	Total
Agriculture, Food and Natural Resources	2	2	1	2	475	26	482
Architecture and Construction	4	3	6	12	610	34	635
Arts, A/V Technology and Communications	3	4	2	3	253	16	265
Business, Management and Administration	8	19	44	22	1,152	56	1,245
Education and Training	0	0	0	1	32	1	33
Finance	0	0	0	0	13	2	13
Government and Public Administration	0	2	7	0	36	5	45
Health Science	13	27	92	65	3,408	100	3,605
Hospitality and Tourism	0	4	3	2	81	10	90
Human Services	0	1	7	4	211	11	223
Information Technology	4	8	12	9	556	30	589
Law, Public Safety and Security	7	2	8	4	268	18	289
Manufacturing	11	2	5	10	639	29	667
Marketing, Sales and Service	1	5	7	1	203	10	217
Science, Technology, Engineering and Mathematics	0	0	0	0	29	2	29
Transportation, Distribution and Logistics	2	5	4	8	559	31	578
College Transfer (Parallel)	24	77	130	99	3,973	255	4,303
Total	**79**	**161**	**328**	**242**	**12,498**	**636**	**13,308**

NOTE: "Not Reported" includes students without no responses and students reported with unknown gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-34: Awards by Career Cluster and Ethnicity/Race: 2005

Cluster	American Indian	Asian	Black	Hispanic	White	Not Reported	Total
Agriculture, Food and Natural Resources	1	4	2	3	538	23	571
Architecture and Construction	6	2	9	2	595	33	647
Arts, A/V Technology and Communications	3	3	1	4	217	11	239
Business, Management and Administration	6	18	31	17	1,002	28	1,102
Education and Training	0	0	0	0	38	4	42
Finance	1	0	0	0	7	0	8
Government and Public Administration	2	0	6	2	38	6	54
Health Science	28	47	147	85	4,027	157	4,491
Hospitality and Tourism	3	7	2	1	105	9	127
Human Services	1	1	9	2	196	19	228
Information Technology	2	14	3	8	439	38	504
Law, Public Safety and Security	2	5	10	10	344	20	391
Manufacturing	5	4	6	17	509	19	560
Marketing, Sales and Service	5	2	1	3	198	8	217
Science, Technology, Engineering and Mathematics	0	0	0	18	34	20	72
Transportation, Distribution and Logistics	5	6	11	13	592	28	655
College Transfer (parallel)	19	80	142	85	4,514	275	5,115
Total	**89**	**193**	**380**	**270**	**13,393**	**698**	**15,023**

NOTE: "Not Reported" includes students without no responses and students reported with unknown gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-35: Awards by Career Cluster and Ethnicity/Race: 2005

Cluster	American Indian	Asian	Black	Hispanic	White	Not Reported	Total
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 gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-36: Awards by Career Cluster and Ethnicity/Race: 2007

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

NOTE: "Not Reported" includes students without no responses and students reported with unknown gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-37: Awards by Career Cluster and Ethnicity/Race: 2008

Cluster	American Indian	Asian	Black	Hispanic	White	Not Reported	Total
Agriculture, Food and Natural Resources	3	1	2	2	464	19	491
Architecture and Construction	3	3	17	20	607	43	693
Arts, 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 gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-38: Awards by Ethnicity/Race and Award Type: 2004

	AA		AS		AGS		AAA		AAS		Diploma		Certificate		Other		Total	
American Indian	22	1%	5	0%	2	3%	0	0%	28	1%	20	1%	2	0%	0	0%	79	1%
Asian	64	2%	19	2%	1	1%	2	2%	40	1%	21	1%	14	1%	0	0%	161	1%
Black	112	3%	33	3%	6	9%	0	0%	64	2%	65	2%	48	4%	0	0%	328	2%
Hispanic	88	2%	17	2%	0	0%	0	0%	52	1%	46	1%	39	3%	0	0%	242	2%
White	3,674	88%	903	88%	53	79%	78	94%	3,732	92%	2,946	91%	1,046	86%	66	100%	12,498	90%
Not Reported	204	5%	44	4%	5	7%	3	4%	159	4%	149	5%	72	6%	0	0%	636	5%
Total	**4,164**		**1,021**		**67**		**83**		**4,075**		**3,247**		**1,221**		**66**		**13,944**	

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

Table 6-39: Awards by Ethnicity/Race and Award Type: 2005

	AA		AS		AGS		AAA		AAS		Diploma		Certificate		Other		Total	
American Indian	17	0%	9	1%	0	0%	0	0%	24	1%	26	1%	13	1%	0	0%	89	1%
Asian	68	1%	20	2%	1	2%	3	4%	44	1%	31	1%	26	2%	0	0%	193	1%
Black	124	3%	34	3%	4	6%	0	0%	66	2%	71	2%	81	6%	0	0%	380	3%
Hispanic	75	2%	18	2%	3	5%	0	0%	83	2%	54	2%	34	3%	3	3%	270	2%
White	4,177	88%	953	89%	49	78%	73	96%	3,938	91%	3,023	81%	1,096	95%	84	0%	13,393	89%
Not Reported	261	6%	42	4%	6	10%	0	0%	188	4%	102	3%	98	7%	1	1%	698	5%
Total	**4,722**		**1,076**		**63**		**76**		**4,343**		**3,307**		**1,348**		**88**		**15,023**	

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

Table 6-40: Awards by Ethnicity/Race and Award Type: 2005

	AA		AS		AGS		AAA		AAS		Diploma		Certificate		Other		Total	
American Indian	27	1%	4	0%	0	0%	0	0%	21	0%	22	1%	5	0%	0	0%	79	1%
Asian	60	1%	11	1%	0	0%	1	1%	37	1%	24	1%	17	1%	1	2%	151	1%
Black	134	3%	24	2%	2	3%	1	1%	79	2%	59	2%	70	6%	0	0%	369	3%
Hispanic	107	2%	20	2%	3	5%	2	2%	58	1%	48	2%	34	3%	0	0%	272	2%
White	4,092	88%	993	90%	54	90%	86	93%	3,888	91%	2,774	0%	947	0%	49	96%	12,883	89%
Not Reported	241	5%	54	5%	1	2%	2	2%	176	4%	112	4%	92	8%	1	2%	679	5%
Total	**4,661**		**1,106**		**60**		**92**		**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 gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 6-41: 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%	0	0%	24	1%	23	1%	5	0%	0	0%	80	1%
Asian	73	2%	19	2%	1	1%	2	4%	52	1%	30	1%	14	1%	1	1%	192	1%
Black	140	3%	34	3%	9	13%	0	0%	79	2%	61	2%	58	5%	2	2%	383	3%
Hispanic	133	3%	15	1%	2	3%	0	0%	96	2%	44	1%	40	3%	4	5%	334	2%
White	4,055	87%	923	88%	58	81%	48	92%	3,910	89%	2,779	0%	1,022	84%	71	87%	12,866	88%
Not Reported	261	6%	55	5%	2	3%	2	4%	237	5%	118	4%	82	7%	4	5%	761	5%
Total	**4,683**		**1,053**		**72**		**52**		**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 gender.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

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

7 Credit Programs

Community colleges are required to obtain approval from the Department 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, however specific information on pre-professional majors is maintained by the community colleges.

Approval of career and technical programs must be obtained for each program a community college offers. Iowa structures career and technical education programs around career clusters which are listed in Figure 7-2. These national career clusters are comprised of sixteen individual groupings, or 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, Bureau of Community Colleges.

Figure 7-2: National Career Clusters (16)

Source: Iowa Department of Education, Bureau of Community Colleges; 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.

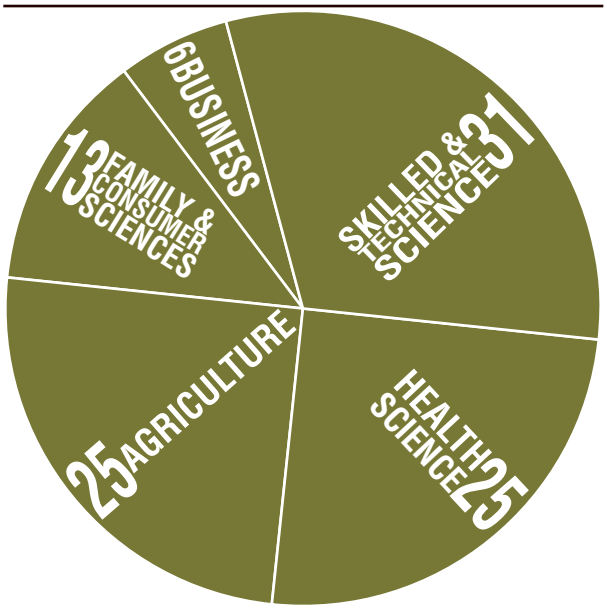
New Credit Programs

Table 7-1 indicates that in fiscal year 2008, the Director of the Department of Education approved 16 new career and technical education programs for eight community colleges. Five programs were developed in Skilled and Technical Sciences, four programs were developed in Agriculture, four programs were developed in Health Sciences, two programs were developed in Family and Consumer Sciences and one program was developed in Business (Figure 7-3).

Each of the 16 national career clusters are categorized into one of six service areas that are recognized within Iowa. Figure 7-3 illistrates the new programs developed in fiscal year 2008 by these six service areas.

Figure 7-4 indicates that 68 percent (11 total) of the new career and technical programs offered an associate degree. Only 19 percent (3 total) of programs offer a diploma and 13 percent (2 total) offer a certificate award.

Figure 7-3: New Credit Career and Technical Education Programs by Service Area: 2008



Source: Iowa Department of Education, Bureau of Community Colleges, Table 7-1.

Figure 7-4: New Credit Career and Technical Education Programs by Award Type: 2008

Source: Iowa Department of Education, Bureau of Community Colleges, Table 7-1.

Table 7-1: New Career and Technical Programs: 2008

College	Program Title	Federal Cluster/State Cluster
Northeast Iowa	No New Programs	
North Iowa Area	Radiologic Technology	Health Science/Health
Iowa Lakes	No New Programs	
Northwest	No New Programs	
Iowa Central	Cooking & Related Culinary Arts Management	Hospitality and Tourism/Family and Consumer Sciences
	Hospitality Management	Hospitality and Tourism/Family and Consumer Sciences
	Turf Management Technology	Agriculture, Food and Natural Resources/ Agriculture
	Health Care Administration	Health Science/Health
Iowa Valley	Automotive Technician	Transportation Distribution and Logistics/ Skilled and Technical Sciences
Hawkeye	No New Programs	
Eastern Iowa	Veterinary/Animal Health Assistant	Health Science/Health
	Logistics & Materials Management	Transportation Distribution and Logistics/ Skilled and Technical Sciences
Kirkwood	Biotechnology	Agriculture, Food and Natural Resources/ Agriculture
	Web Page Digital/Multimedia & Information Resources Design Tech.	Information Technology/Business
Des Moines Area	Viticulture	Agriculture, Food and Natural Resources/ Agriculture
	Enology	Agriculture, Food and Natural Resources/ Agriculture
	Commercial Photography Technician	Art, Audio Visual Tech and Communications/ Skilled and Technical Sciences
Western Iowa Tech	Interior Design Management	Art, Audio Visual Tech and Communications/ Skilled and Technical Sciences
	Medical Assistant	Health Science/Health
Iowa Western	No New Programs	
Southwestern	No New Programs	
Indian Hills	Construction Technology	Architecture and Construction/Skilled and Technical Sciences
Southeastern	No New Programs	

NOTE: Table represents programs received and approved between 7/1/07 through 7/1/08

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

8 Non-Credit Enrollment and Programs

Non-credit programs include 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 2008, 289,098 individuals (unduplicated) participated in non-credit programs and courses. Enrollment increased 3.7 percent in fiscal year 2008 after several years of decline (Figure 8-1). Since fiscal year 2004, non-credit enrollment has declined nearly one percent annually. As enrollment increased in fiscal year 2008, total contact hours declined slightly (Figure 8-2). Over the past five years, non-credit contact hours have decreased an average of 0.3 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: 289,098

Growth since last year: 3.7%

Contact Hours: 8,868,212
Down 0.2% since 2007.

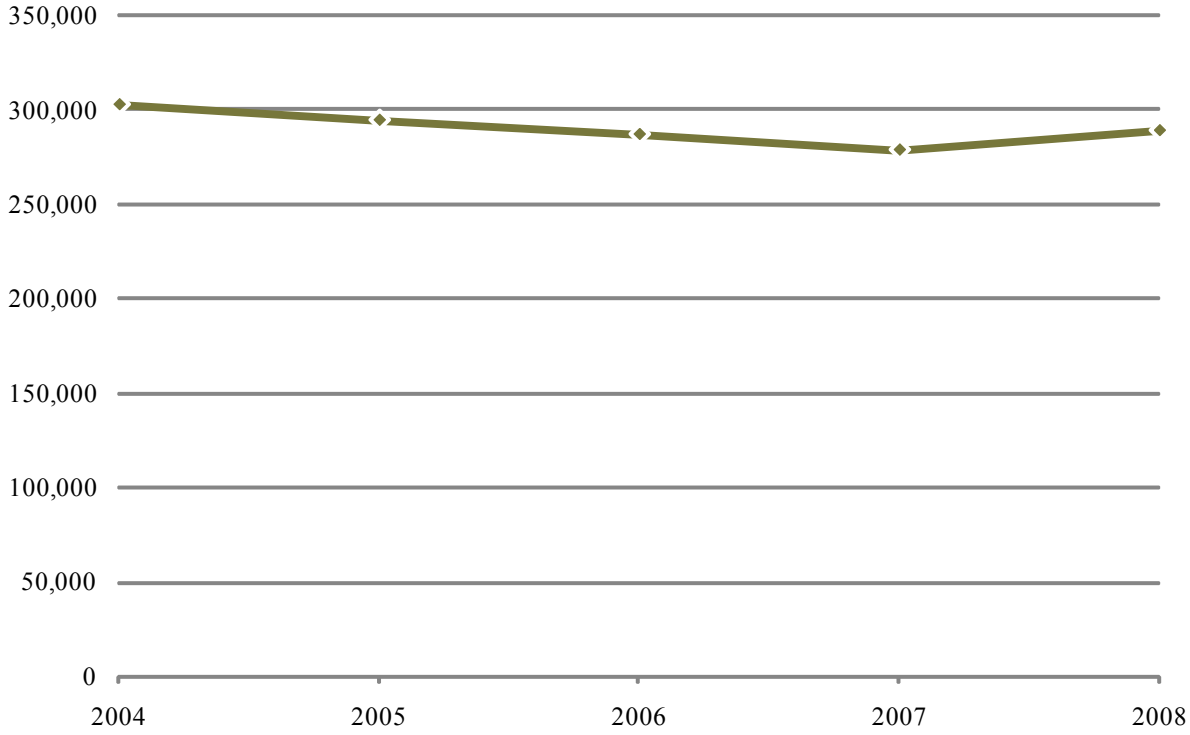
Contact Hours per Student: 30.7
Down 1.2 hours since 2007.

Non-Credit Courses

In fiscal year 2008, the number of instances of non-credit courses being taken increased 3.7 percent (Figure 8-4). Over the past five years, the number of courses taken decreased 0.7 percent.

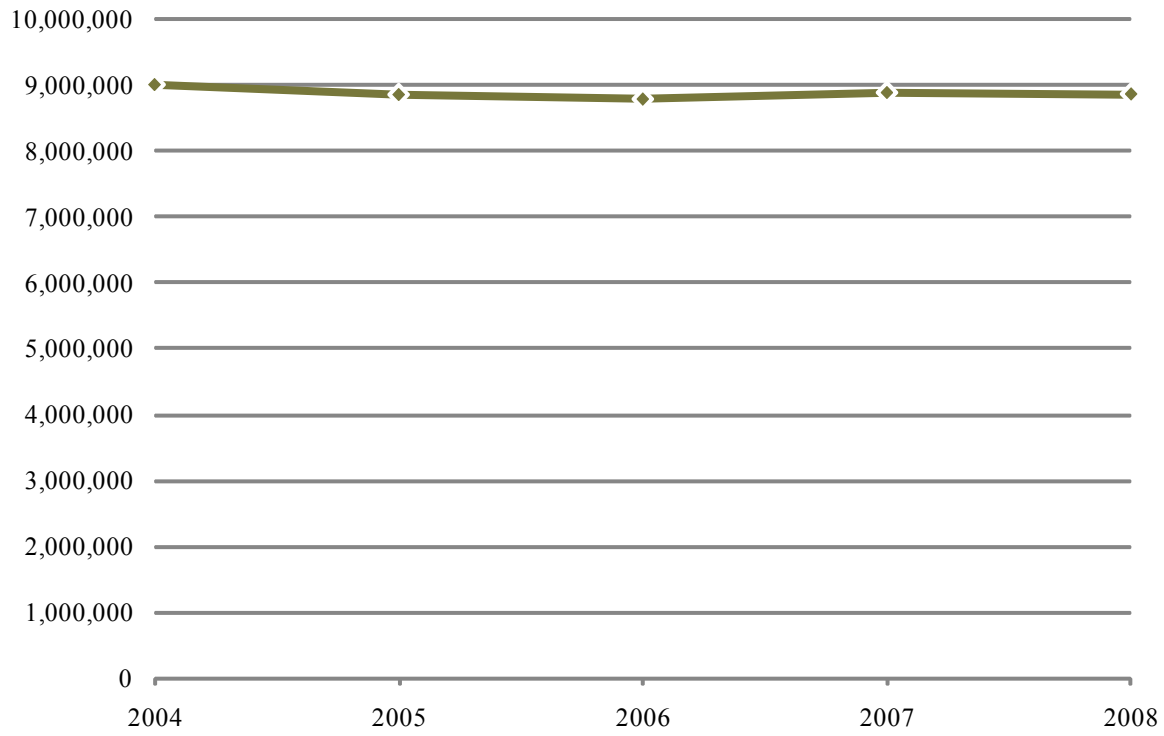
The use of the online delivery for non-credit coursework appears to be limited. Only 1.3 percent of non-credit contact hours were delivered online in fiscal

Figure 8-1: Fiscal Year Non-Credit Enrollment: 2004-2008



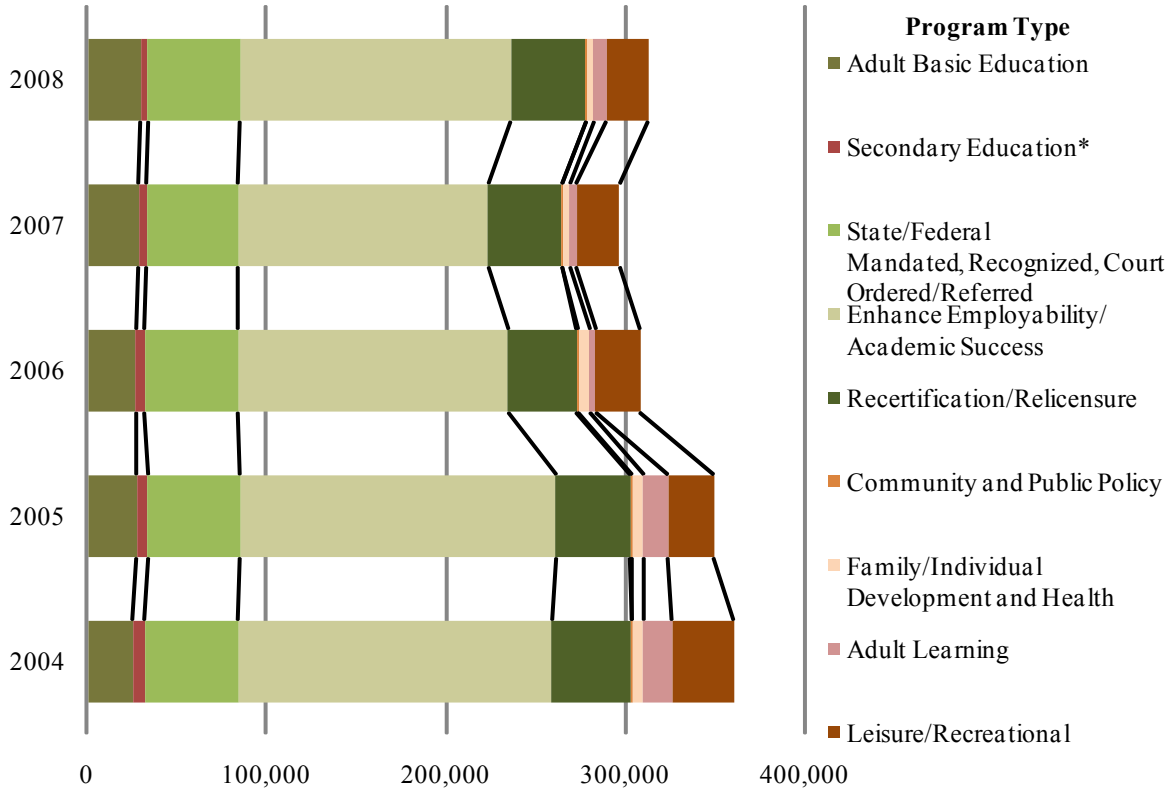
Source: Iowa Department of Education, Bureau of Community Colleges, see Table 8-1.

Figure 8-2: Fiscal Year Non-Credit Contact Hours: 2004-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 8-2.

Figure 8-3: Non-Credit Enrollment by Program Type: 2004-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 8-3.

year 2008. Approximately 2.2 percent of individuals enrolled in non-credit coursework enrolled in some coursework delivered entirely online.

Non-Credit Students in Programs

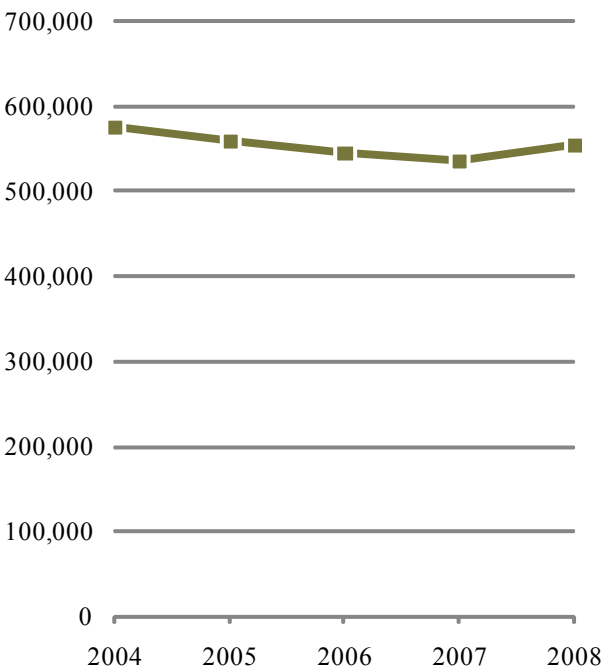
Enrollment in non-credit programs is disaggregated into several program categories (Figure 8-3). The largest of these categories consists of non-credit courses designed to enhance students' employability or academic success. More than 48 percent of students enrolled in non-credit coursework in this category 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 category of "academic success" are designed for the advancement of individuals' knowledge in traditional educational studies. Enrollment in courses within the "enhance employability and academic success" category increased by 8.6 percent from fiscal year 2007. Over the past five years, enrollment in this category has decreased 2.9 percent annually. 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. Courses within this category include the Iowa Course for Drinking Drivers, driver improvement courses, community rehabilitation programs, used auto dealer training, mine safety and health courses, various vehicle operator training courses, and much more. Enrollment in courses within this category has been steady with only a slight decrease over the past five years.

The Iowa Course for Drinking Drivers is the state-mandated 12-hour instructional course for drinking drivers convicted of driving while under the influence of drugs and/or alcohol. Iowa community colleges and private providers licensed through the Iowa Department of Public Health offer the state-approved program. Enrollment in driving driver education courses increased 1.4 percent in fiscal year 2008 (Figure 8-5). Over the past five years, enrollment in the courses has increased an average of 0.9 percent annually.

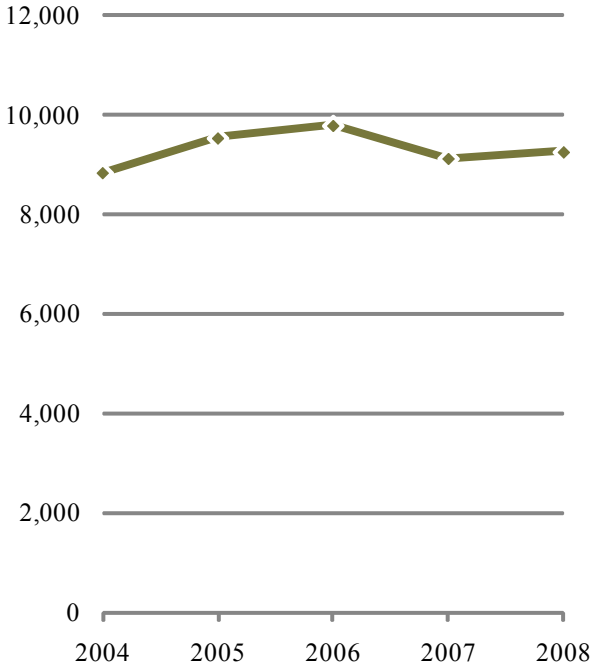
Iowa Course for Driver Improvement (DIP) is the state mandated course designed for persons who have committed a serious violation of a motor vehicle law in Iowa. Iowa community colleges provide the program with the assistance from the Iowa Department of Transportation. Enrollment in the program decreased an average of 6.1 percent annually from fiscal year 2004 to fiscal year 2007 before increasing 1.9 percent in fiscal

Figure 8-4: Non-Credit Courses Delivered: 2004-2008



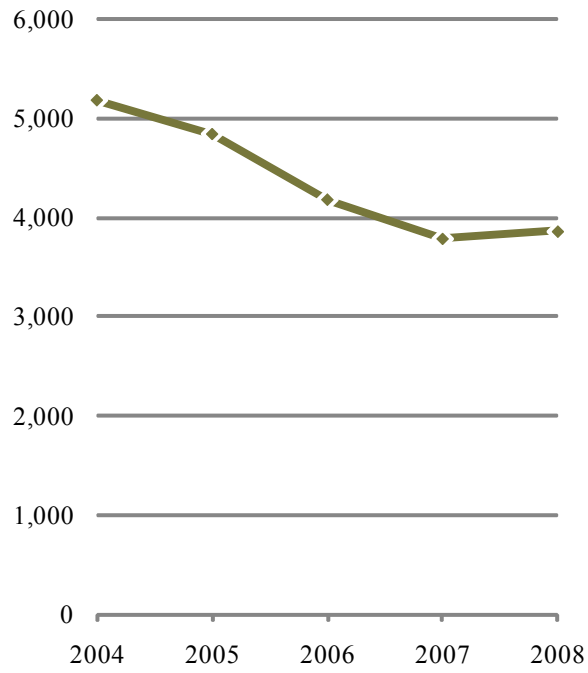
Source: Iowa Department of Education, Bureau of Community Colleges, see Table 8-4.

Figure 8-5: Iowa Drinking Driver Course Enrollment: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Table 8-4.

Figure 8-6: Iowa Driver Improvement Program Enrollment: 2004-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 8-4.

year 2008 (Figure 8-6).

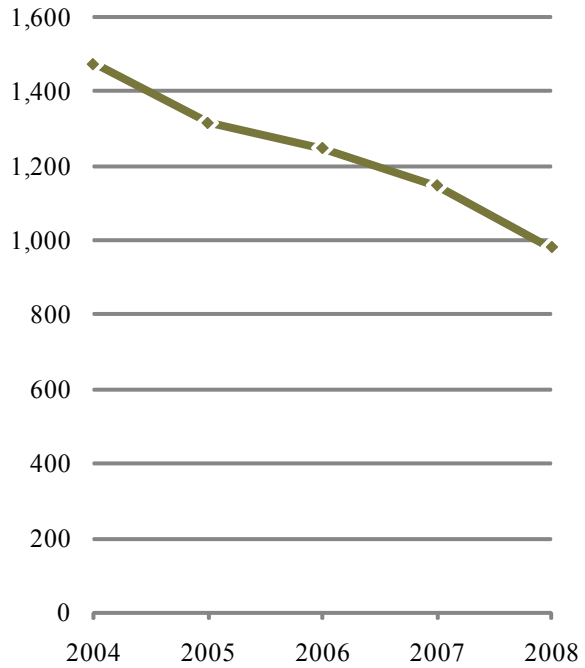
Iowa community colleges also deliver educational programs for people in community rehabilitation centers (sheltered workshops). Enrollment in these programs has decreased sharply over the past five years — down an average of 7.9 percent annually (figure 8-7).

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 increased 16.2 percent in fiscal year 2008 after declining an average of 2.5 percent annually between fiscal years 2004 and 2007 (Figure 8-8). Total contact hours increased at a higher rate than enrollment — up 19.5 percent in fiscal year 2008.

Non-Credit Corrections Enrollment

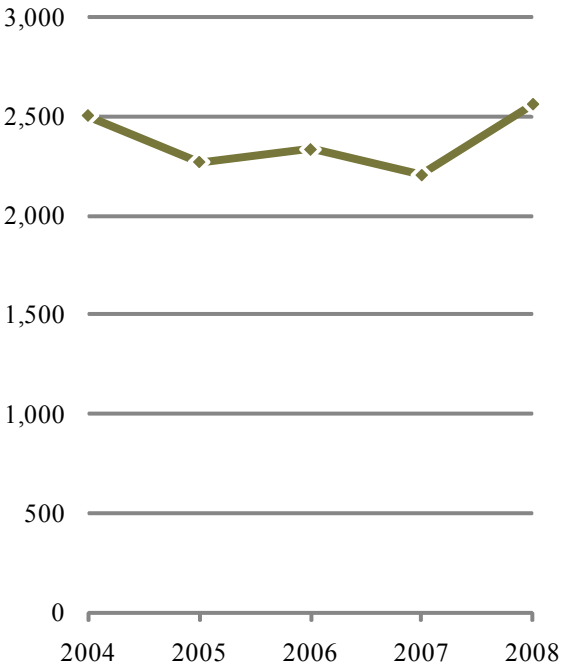
Iowa community colleges deliver credit and noncredit coursework to residents of correctional instititions to enhance the life skills and academic and/or employability success of criminal offenders. While enrollment of these individuals in credit coursework is limited, 6,445 residents of correctional institutions enrolled in noncredit coursework in fiscal year 2008. Enrollment increased 5.1 percent over fiscal year 2007 and has risen sharply over the past five years — up an average of 42.5 percent annually since fiscal year 2004.

Figure 8-7: Community Rehabilitation Program (Sheltered Workshops) Enrollment: 2004-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 8-4.

Figure 8-8: Mine Safety and Health Administration (MSHA) Program Enrollment: 2004-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, see Table 8-4.

Table 8-1: Non-Credit Enrollment, by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	25,258	26,929	21,399	22,340	20,295	-4.3%
North Iowa Area	23,679	21,420	20,121	20,047	19,748	-3.6%
Iowa Lakes	5,376	5,354	4,968	4,395	4,865	-2.0%
Northwest	13,360	12,073	13,455	12,690	13,786	0.6%
Iowa Central	29,418	22,584	19,207	19,722	25,658	-2.7%
Iowa Valley	16,237	14,493	17,403	13,002	13,057	-4.3%
Hawkeye	16,844	17,734	16,431	15,149	14,639	-2.8%
Eastern Iowa	28,553	30,709	30,641	31,320	31,989	2.3%
Kirkwood	44,959	44,202	40,286	39,007	42,110	-1.3%
Des Moines Area	30,416	30,764	32,029	32,883	32,394	1.3%
Western Iowa Tech	16,546	16,374	16,917	15,435	16,846	0.4%
Iowa Western	21,272	22,036	21,429	20,598	24,336	2.7%
Southwestern	7,657	8,298	8,778	8,937	8,103	1.1%
Indian Hills	14,807	14,749	16,192	15,733	14,378	-0.6%
Southeastern	8,612	6,949	7,817	7,478	6,894	-4.4%
Total	**302,994**	**294,668**	**287,073**	**278,736**	**289,098**	**-0.9%**

NOTE: Each bar "|" denotes 2,000 contact hours.

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

Table 8-2: Non-Credit Contact Hours, by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	496,911	480,038	452,779	477,063	406,079	-4.0%
North Iowa Area	607,043	611,293	529,301	501,518	478,374	-4.7%
Iowa Lakes	155,646	112,813	103,098	91,019	96,022	-9.2%
Northwest	329,866	296,682	340,572	290,962	260,135	-4.6%
Iowa Central	687,682	635,348	602,203	752,534	752,065	1.8%
Iowa Valley	436,693	505,230	502,623	422,006	394,873	-2.0%
Hawkeye	457,003	467,855	440,947	401,816	385,815	-3.3%
Eastern Iowa	1,048,171	1,044,714	1,050,864	1,041,366	1,097,169	0.9%
Kirkwood	1,600,284	1,460,374	1,366,373	1,283,473	1,365,022	-3.1%
Des Moines Area	1,417,313	1,500,789	1,564,776	1,832,972	1,757,579	4.4%
Western Iowa Tech	390,538	390,898	388,028	377,072	411,155	1.0%
Iowa Western	573,834	563,279	544,083	516,127	544,580	-1.0%
Southwestern	182,472	196,445	211,212	207,822	213,871	3.2%
Indian Hills	379,170	384,168	377,074	332,662	304,986	-4.3%
Southeastern	241,477	209,416	319,372	360,142	400,487	10.6%
Total	**9,004,102**	**8,859,341**	**8,793,304**	**8,888,555**	**8,868,212**	**-0.3%**

NOTE: Each bar "|" denotes 2,000 contact hours.

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

Table 8-3: Non-Credit Courses Delivered, by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	47,856	48,681	34,480	34,836	32,177	-7.6%
North Iowa Area	74,936	77,230	72,464	74,792	79,402	1.2%
Iowa Lakes	8,603	8,180	7,725	6,903	7,293	-3.2%
Northwest	27,392	25,753	27,807	25,617	25,845	-1.2%
Iowa Central	57,709	36,765	31,940	33,425	42,798	-5.8%
Iowa Valley	28,562	28,459	31,590	25,255	25,216	-2.5%
Hawkeye	31,833	34,986	30,575	28,455	28,355	-2.3%
Eastern Iowa	53,933	54,237	52,140	56,355	59,419	2.0%
Kirkwood	79,133	73,950	69,543	64,042	70,113	-2.4%
Des Moines Area	44,503	46,798	49,307	56,753	53,411	3.7%
Western Iowa Tech	31,702	29,538	32,572	28,100	30,009	-1.1%
Iowa Western	38,008	37,648	38,881	36,124	40,947	1.5%
Southwestern	12,389	18,875	21,732	22,936	21,935	12.1%
Indian Hills	25,193	25,576	30,146	29,089	25,631	0.3%
Southeastern	13,885	11,268	13,725	12,368	12,481	-2.1%
Total	**575,637**	**557,944**	**544,627**	**535,050**	**555,032**	**-0.7%**

NOTE: Each bar "|" denotes 5,000 classes.

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

Table 8-4: Non-Credit Enrollment by Program Type: 2004-2008

Program Type	2004	2005	2006	2007	2008	Average Change 2004-2008
Adult Basic Education	25,378	27,368	27,153	29,018	29,931	3.4%
Secondary Education*	7,110	6,132	5,171	4,358	3,884	-11.4%
State/Federal Mandated,Recognized, Court Ordered/Referred	52,147	52,182	52,321	51,099	51,340	-0.3%
Enhance Employability/ Academic Success	174,694	175,798	149,711	139,160	151,091	-2.9%
Recertification/Relicensure	44,448	41,480	38,565	40,957	41,452	-1.4%
Community and Public Policy	483	1,265	1,577	912	1,158	19.1%
Family/Individual Development and Health	6,177	6,049	5,304	3,394	3,906	-8.8%
Adult Learning	15,830	14,074	3,946	4,312	7,227	-14.5%
Leisure/Recreational	34,336	25,623	24,645	23,917	22,856	-7.8%
Total	**360,603**	**349,971**	**308,393**	**297,127**	**312,845**	-2.8%

NOTE: Each bar "|" denotes 2,500 contact hours.

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

Table 8-5: Non-Credit Enrollment by Program Type by College: 2004

College	Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total
Northeast Iowa	1,222	219	4,973	17,390	0	6	139	3,106	1,982	29,037
North Iowa Area	2,023	42	2,700	16,005	7,051	0	2,710	3,773	1,709	36,013
Iowa Lakes	408	312	1,271	1,850	1,383	0	647	193	51	6,115
Northwest	1,291	168	1,906	10,143	2,723	0	93	0	777	17,101
Iowa Central	1,128	173	3,164	20,637	0	0	0	3,592	6,594	35,288
Iowa Valley	1,008	358	1,278	8,229	3,158	230	677	2,101	3,009	20,048
Hawkeye	1,643	150	3,880	12,244	0	0	30	84	788	18,819
Eastern Iowa	3,386	413	5,164	15,327	2,832	92	1,024	82	3,879	32,199
Kirkwood	2,242	3,088	7,706	24,466	4,262	0	28	614	10,206	52,612
Des Moines Area	3,616	2,119	8,732	12,602	4,280	51	203	37	401	32,041
Western Iowa Tech	1,318	8	2,399	10,100	4,070	0	0	317	1,492	19,704
Iowa Western	2,451	0	3,224	7,148	9,076	64	174	1,152	1,756	25,045
Southwestern	539	0	1,385	5,470	870	40	170	523	51	9,048
Indian Hills	2,022	60	2,615	8,063	3,563	0	241	240	858	17,662
Southeastern	1,081	0	1,750	5,020	1,180	0	41	16	783	9,871
Total	**25,378**	**7,110**	**52,147**	**174,694**	**44,448**	**483**	**6,177**	**15,830**	**34,336**	**360,603**
Percent of Total	**7.0%**	**2.0%**	**14.5%**	**48.4%**	**12.3%**	**0.1%**	**1.7%**	**4.4%**	**9.5%**	**100.0%**

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

Table 8-6: Non-Credit Enrollment by Program Type by College: 2005

College	Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total
Northeast Iowa	1,266	165	4,206	20,130	0	0	655	3,212	1,704	31,338
North Iowa Area	1,565	30	2,347	15,037	6,225	23	1,967	5,082	1,631	33,907
Iowa Lakes	392	107	1,310	2,417	1,210	0	443	145	130	6,154
Northwest	1,079	170	1,930	8,412	2,827	0	82	0	988	15,488
Iowa Central	1,872	146	3,092	17,058	0	0	278	1,859	2,113	26,418
Iowa Valley	1,454	345	1,764	8,359	2,057	649	488	1,623	1,504	18,243
Hawkeye	1,505	250	3,588	14,360	0	24	38	139	862	20,766
Eastern Iowa	3,107	380	4,950	18,134	3,287	93	1,085	79	3,402	34,517
Kirkwood	2,585	2,543	8,115	23,986	4,125	0	0	598	8,513	50,465
Des Moines Area	4,912	1,940	9,619	12,303	3,503	49	361	60	272	33,019
Western Iowa Tech	1,427	0	2,467	9,431	4,253	0	8	123	1,356	19,065
Iowa Western	2,229	0	3,408	7,692	8,634	101	238	859	1,634	24,795
Southwestern	610	0	1,188	5,897	1,628	166	143	94	108	9,834
Indian Hills	2,215	56	2,375	8,873	3,174	160	218	485	807	18,363
Southeastern	1,150	0	1,823	3,709	557	0	45	16	599	7,899
Total	**27,368**	**6,132**	**52,182**	**175,798**	**41,480**	**1,265**	**6,049**	**14,374**	**25,623**	**350,271**
% of Total	**7.8%**	**1.8%**	**14.9%**	**50.2%**	**11.8%**	**0.4%**	**1.7%**	**4.1%**	**7.3%**	**100.0%**

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

Table 8-7: Non-Credit Enrollment by Program Type by College: 2006

College	Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total
Northeast Iowa	1,120	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, Bureau of Community Colleges, Community College MIS.

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

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

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

Table 8-9: Non-Credit Enrollment by Program Type by College: 2008

College	Adult Basic Education	Secondary Education*	State/Federal Mandated, Recognized, Court Ordered/ Referred	Enhance Employability/ Academic Success	Recertification/ Relicensure	Community and Public Policy	Family/ Individual Development and Health	Adult Learning	Leisure/ Recreational	Total
Northeast Iowa	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, Bureau of Community Colleges, Community College MIS.

Table 8-10: Iowa Course for Drinking Driving Enrollment and Contact Hours (Provided by Community Colleges): 2004-2008

	2004		2005		2006		2007		2008		Average Change 2004-2008	
College	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**
Northeast Iowa	467	6,672	428	6,384	354	5,198	300	4,349	285	4,176	-9.4%	-8.9%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	--	--
Iowa Lakes	363	4,356	333	4,008	246	2,952	274	3,288	283	3,396	-4.9%	-4.9%
Northwest	175	2,310	165	2,178	176	2,336	144	1,901	149	1,967	-3.2%	-3.2%
Iowa Central	390	5,616	413	5,669	433	6,250	335	4,838	413	5,962	1.2%	1.2%
Iowa Valley	130	1,872	240	3,456	211	3,067	193	2,779	209	3,024	10.0%	10.1%
Hawkeye	591	11,380	696	13,668	677	13,187	665	12,267	550	10,474	-1.4%	-1.6%
Eastern Iowa	666	8,884	700	9,346	708	9,398	739	9,808	743	9,860	2.2%	2.1%
Kirkwood	2,243	42,772	2,636	53,964	2,751	62,514	2,249	51,036	2,221	49,808	-0.2%	3.1%
Des Moines Area	2,337	65,741	2,454	69,437	2,786	80,371	2,703	80,755	2,899	85,430	4.4%	5.4%
Western Iowa Tech	375	5,429	298	4,334	365	5,270	343	4,954	415	5,990	2.0%	2.0%
Iowa Western	444	6,394	493	7,128	476	6,854	568	8,208	536	7,733	3.8%	3.9%
Southwestern	204	2,938	214	3,096	199	2,866	207	3,010	199	2,866	-0.5%	-0.5%
Indian Hills	247	2,844	265	3,180	272	3,264	287	3,444	271	3,456	1.9%	4.0%
Southeastern	207	2,496	202	2,424	135	1,782	118	1,558	84	1,109	-16.5%	-15.0%
Total	**8,839**	**169,702**	**9,537**	**188,272**	**9,789**	**205,310**	**9,125**	**192,193**	**9,257**	**195,251**	**0.9%**	**2.8%**

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

Table 8-11: Iowa Course for Driver Improvement Enrollment and Contact Hours: 2004-2008

	2004		2005		2006		2007		2008		Average Change 2004-2008	
College	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**
Northeast Iowa	286	2,698	271	2,530	211	2,045	202	1,949	197	1,901	-7.2%	-6.8%
North Iowa Area	136	1,306	142	1,363	91	874	123	1,190	83	797	-9.4%	-9.4%
Iowa Lakes	103	824	80	640	76	608	43	344	63	504	-9.4%	-9.4%
Northwest	155	1,364	108	959	103	906	93	818	75	660	-13.5%	-13.5%
Iowa Central	207	1,664	176	1,408	164	1,574	136	1,306	123	1,181	-9.9%	-6.6%
Iowa Valley	146	1,402	137	1,315	123	1,181	109	1,046	93	893	-8.6%	-8.6%
Hawkeye	403	3,624	348	3,071	309	2,728	267	2,327	244	2,075	-9.5%	-10.6%
Eastern Iowa	552	4,858	476	4,198	429	3,784	431	3,793	406	3,573	-6.0%	-6.0%
Kirkwood	767	6,758	736	6,503	669	5,905	556	4,893	486	4,277	-8.7%	-8.7%
Des Moines Area	1,283	13,258	1,374	14,170	1,117	11,491	1,098	11,654	1,128	12,490	-2.5%	-1.2%
Western Iowa Tech	349	3,350	290	2,803	261	2,525	184	1,776	205	1,968	-10.1%	-10.1%
Iowa Western	230	2,246	199	1,930	203	1,949	142	1,373	131	1,258	-10.6%	-11.0%
Southwestern	150	1,440	116	1,114	119	1,142	99	950	94	902	-8.9%	-8.9%
Indian Hills	220	1,760	197	1,576	157	1,256	160	1,288	169	1,368	-5.1%	-4.9%
Southeastern	194	1,560	191	1,528	150	1,320	146	1,285	154	1,355	-4.5%	-2.8%
Total	**5,181**	**48,111**	**4,841**	**45,108**	**4,182**	**39,288**	**3,789**	**35,992**	**3,651**	**35,200**	**-6.8%**	**-6.1%**

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

Table 8-12: Community Rehabilitation Program (Sheltered Workshop) Enrollment and Contact Hours: 2004-2008

	2004		2005		2006		2007		2008		Average Change 2004-2008	
College	Students	Contact Hours	Students	Contact Hours	Students	Contact Hours	Students	Contract Hours	Students	Contact Hours	Students	Contact Hours
Northeast Iowa	90	17,760	100	18,840	84	19,080	87	18,360	55	12,660	-9.4%	-6.5%
North Iowa Area	329	75,240	317	73,500	293	72,000	291	72,480	261	61,380	-4.5%	-4.0%
Iowa Lakes	107	23,100	101	19,500	77	17,400	66	15,540	65	14,940	-9.5%	-8.3%
Northwest	0	0	0	0	0	0	0	0	0	0	--	--
Iowa Central	73	17,856	73	16,920	68	16,488	62	15,624	61	12,600	-3.5%	-6.7%
Iowa Valley	61	16,992	64	17,208	67	16,992	63	15,840	61	16,200	0.0%	-1.0%
Hawkeye	139	29,340	154	13,026	157	11,762	153	3,430	32	1,628	-25.5%	-43.9%
Eastern Iowa	154	28,440	72	14,400	110	19,860	53	5,640	94	17,400	-9.4%	-9.4%
Kirkwood	30	6,180	0	0	1	60	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	198	38,760	188	36,960	167	32,880	159	30,624	155	29,075	-4.8%	-5.6%
Southwestern	111	17,520	77	15,540	69	13,980	59	12,240	59	12,000	-11.9%	-7.3%
Indian Hills	183	31,260	170	28,560	155	28,860	154	28,320	137	22,530	-5.6%	-6.3%
Southeastern	0	0	0	0	0	0	0	0	0	0	--	--
Total	**1,475**	**302,448**	**1,316**	**254,454**	**1,248**	**249,362**	**1,147**	**218,098**	**980**	**200,413**	**-7.9%**	**-7.9%**

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

Table 8-13: Mine Safety and Health Administration (MSHA) Enrollment and Contact Hours: 2004-2008

	2004		2005		2006		2007		2008		Average Change 2004-2008	
College	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**	**Students**	**Contact Hours**
Northeast Iowa	682	6,734	541	5,194	757	6,557	585	5,626	962	9,245	7.1%	6.5%
North Iowa Area	303	3,053	271	2,804	86	826	272	2,842	260	2,602	-3.0%	-3.1%
Iowa Lakes	31	248	35	280	74	592	59	472	32	256	0.6%	0.6%
Northwest	124	1,141	82	754	69	635	90	828	85	782	-7.3%	-7.3%
Iowa Central	258	2,182	285	2,872	213	2,261	224	2,458	224	2,393	-2.8%	1.9%
Iowa Valley	11	119	34	367	68	640	247	2,260	138	1,303	65.8%	61.5%
Hawkeye	0	0	0	0	0	0	0	0	0	0	--	--
Eastern Iowa	372	3,951	299	3,370	326	4,180	54	651	306	4,057	-3.8%	0.5%
Kirkwood	126	1,428	156	1,358	50	435	85	740	0	0		
Des Moines Area	233	2,288	333	3,259	410	4,200	404	4,152	308	3,168	5.7%	6.7%
Western Iowa Tech	91	893	125	1,200	96	922	54	518	44	422	-13.5%	-13.9%
Iowa Western	16	154	0	0	0	0	0	0	0	0		
Southwestern	0	0	0	0	0	0	0	0	7	67	--	--
Indian Hills	142	992	0	0	133	1,256	89	712	132	983	-1.4%	-0.2%
Southeastern	118	944	112	896	54	598	44	387	66	581	-11.0%	-9.3%
Total	**2,507**	**24,127**	**2,273**	**22,355**	**2,336**	**23,101**	**2,207**	**21,645**	**2,564**	**25,859**	**0.5%**	**1.4%**

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

Table 8-14: Used Motor Vehicle Dealer Education Program Enrollment and Contact Hours: 2008

College	Students	Contact Hours
Northeast Iowa	177||||||||||||||||||	1,174
North Iowa Area	96|||||||||	608
Iowa Lakes	59|||||	337
Northwest	51|||||	303
Iowa Central	64||||||	402
Iowa Valley	84||||||||	580
Hawkeye	33|||	175
Eastern Iowa	68||||||	407
Kirkwood	145||||||||||||||	859
Des Moines Area	0	0
Western Iowa Tech	84||||||||	533
Iowa Western	72|||||||	547
Southwestern	55|||||	373
Indian Hills	111|||||||||||	603
Southeastern	86||||||||	503
Total	**1,185**	**7,403**

NOTE: Each bar "|" denotes 10 students.

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

Table 8-15: Corrections Non-Credit Enrollment, Contact Hours, and Courses Delivered, by College: 2004-2008

	2004			2005			2006			2007			2008		
College	**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	0	0	0	0	0	0	17	1,740	29	0	0	0	21	1,860	31
North Iowa Area	0	0	0	34	3,120	34	17	1,620	27	35	2,100	35	31	3,720	31
Iowa Lakes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Northwest	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa Central	0	0	0	909	71,516	1,416	733	87,503	1,242	1,355	85,250	1,355	824	97,489	1,373
Iowa Valley	0	0	0	0	0	0	0	0	0	6	432	6	0	0	0
Hawkeye	0	0	0	128	10,781	206	121	8,569	175	194	9,391	194	124	8,316	188
Eastern Iowa	0	0	0	0	0	0	0	0	0	254	15,240	254	104	7,080	118
Kirkwood	239	23,520	392	0	0	0	727	73,560	1,226	987	59,220	987	622	60,120	1,002
Des Moines Area	570	62,280	1,038	1,213	117,606	1,563	258	33,629	258	387	25,090	387	457	31,458	668
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iowa Western	289	32,040	534	298	40,860	681	416	52,440	874	741	44,460	741	332	43,680	728
Southwestern	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	1,218	91,200	2,254	2,172	130,320	2,172	1,215	118,921	2,306
Total	1,098	117,840	1,964	2,582	243,883	3,900	3,507	350,261	6,085	6,131	371,503	6,131	6,445	372,644	3,730

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

9 Adult Literacy Enrollment and Programs

Unlike many states, Iowa 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.

Adult literacy program enrollment, reported through the Community College Management Information System (MIS), has increased an average of 1.3 percent annually from fiscal year 2004 to 2008 (Figure 9-1). In 2008, 29,007 students were enrolled in community college adult literacy programs including a subset of students (9,271) 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 least two class periods. The subset of adult literacy students meeting National Reporting System (NRS) requirements are included in year-end federal reporting. While only a part of the overall population served by adult literacy programs, this subset has been the only data included in previous editions of the Condition of Community Colleges Report. The NRS is the accountability system for the federally-funded, state-administered adult education program. The NRS specifies parameters for students

Adult Literacy Enrollment

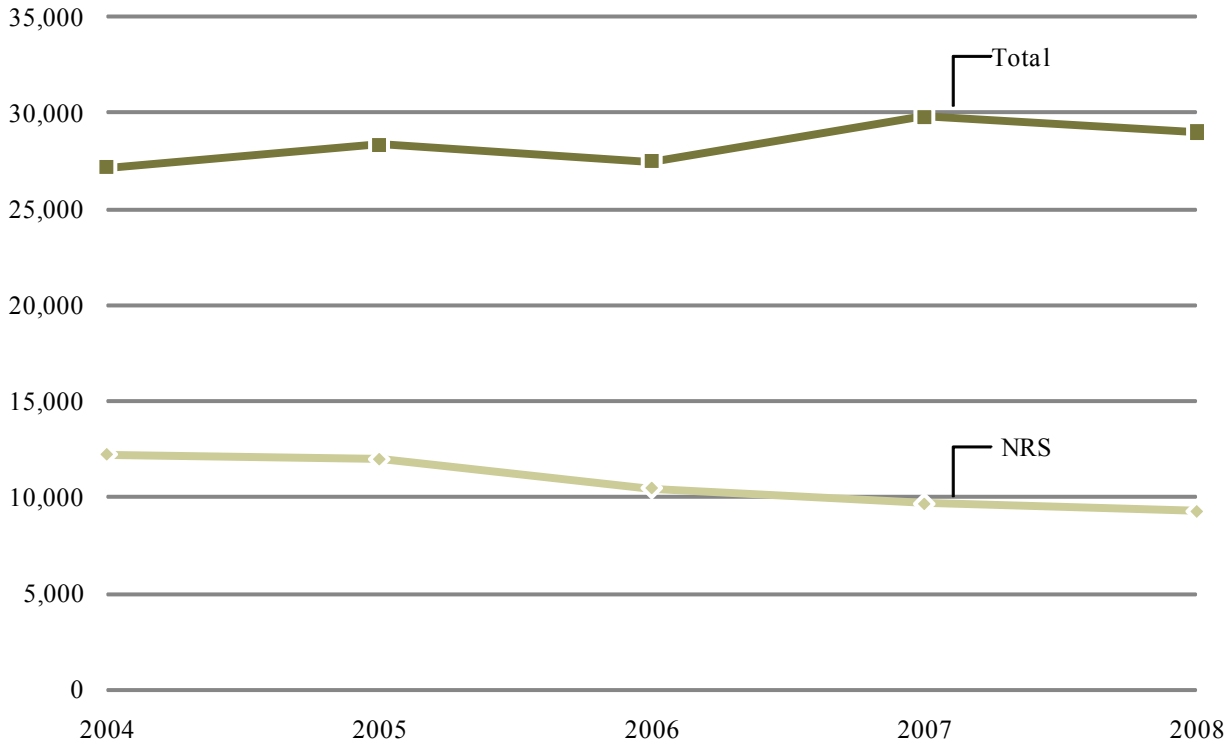
Number of Students: 29,007

Decline Since Last Year: 2.7%

Students Reported per NRS Requirements: 9,271

Decline Since Last Year: 4.1%

Figure 9-1: Adult Literacy Program Enrollment: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Tables 9-1, 9-2.

to be included in reporting to the U.S. Department of Education Office of Vocational and Adult Education (OVAE). Examples of requirements for inclusion in federal reporting include: students must be 16 years old, cannot be jointly enrolled in high school, have at least 12 hours of instruction, and be enrolled in an eligible program. Because of these requirements, NRS-reported adult literacy enrolled is much smaller than total adult litearcy program enrollment as reported by the MIS.

NRS-reported adult literacy program enrollment has decreased over the past five years with the largest decline (-12.5 percent) occuring in fiscal year 2006 (Figure 9-1). In fiscal year 2008, enrollment fell 4.1 percent to 9,271 students. Figure 9-7 shows NRS-reported adult literacy enrollment by zip code area.

Enrollment in Instructional Programs

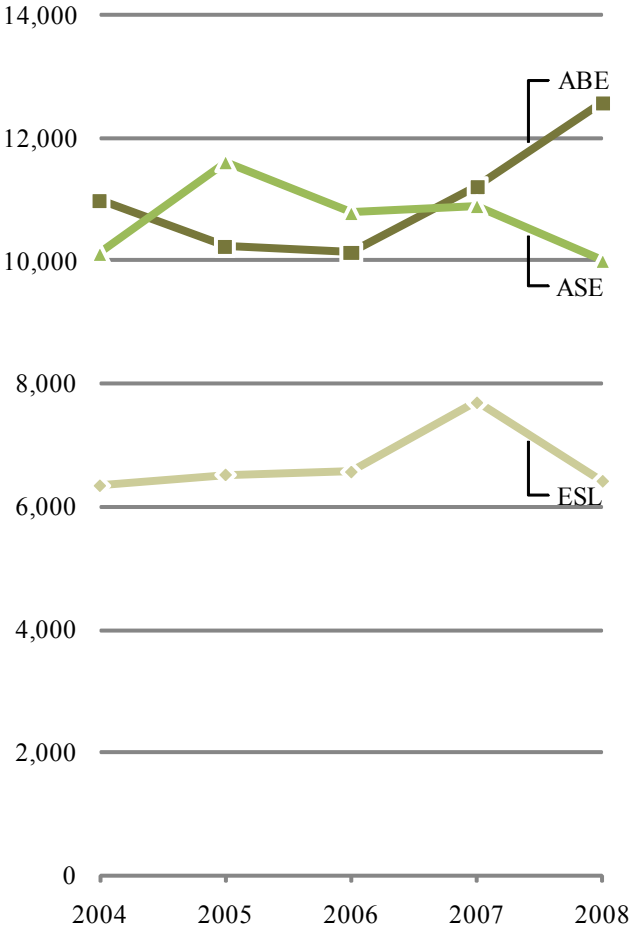
Adult literacy instructional programs represent a progression of basic skill attainment. Instructional programs include ESL, Adult Basic Education (ABE) skill attainment, and Adult Secondary Education (ASE).

ESL instructional programs are designed for individuals with limited English proficiency (speaking, reading, writing, or understanding) to increase competence in English. Enrollment in ESL instructional programs rose an average of 3.5 percent annually between fiscal years 2004 and 2007 before falling by 16.5 percent in fiscal

Adult Literacy Program Enrollment

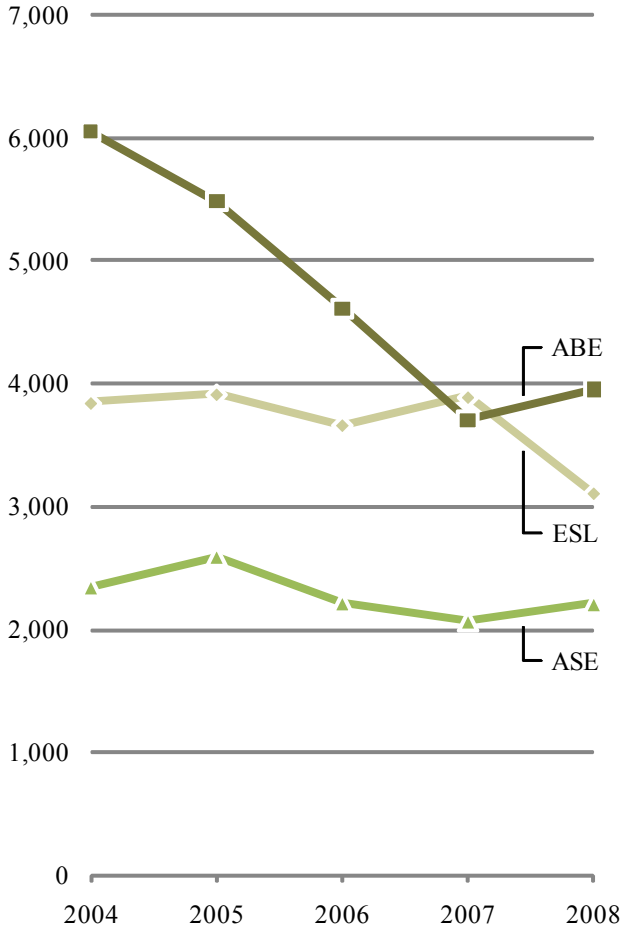
ABE Enrollment 12,568	Growth Since Last Year 12.2%
ESL Enrollment 6,424	Decline Since Last Year 16.5%
ASE Enrollment 10,015	Decline Since Last Year 8.1%

Figure 9-2: Adult Literacy Enrollment by Program: 2007-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Tables 9-3 and 9-5.

Figure 9-3: NRS-Reported Adult Literacy Enrollment by Program: 2007-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Table 9-4, 9-6, 9-7.

year 2008 (Figure 9-2). Similarly, NRS-reported ESL enrollment decreased by a fifth in 2008 after fluctuating slightly between fiscal years 2004 and 2007 (Figure 9-3).

ABE instructional programs are designed for adults who lack 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 rose 12.2 percent in 2008 and has risen an average of 2.7 percent annually since 2004. NRS-reported enrollment in ABE programs fell sharply between fiscal years 2004 and 2007 but rose 6.7 percent in fiscal year 2008.

Through ASE instructional programs, students acquire the skills to earn an Iowa High School Equivalency Diploma by passing the General Education Development (GED) test battery or earn an adult high school diploma issued upon successful completion of courses delivered by community colleges. ASE program enrollment decreased 8.1 percent in fiscal year 2008 and decreased only slightly since 2004. NRS-reported ASE program enrollment declined slowly between fiscal years 2004 and 2007 before rising 6.7 percent in fiscal year 2008.

NRS-Reported Adult Literacy Program Enrollment

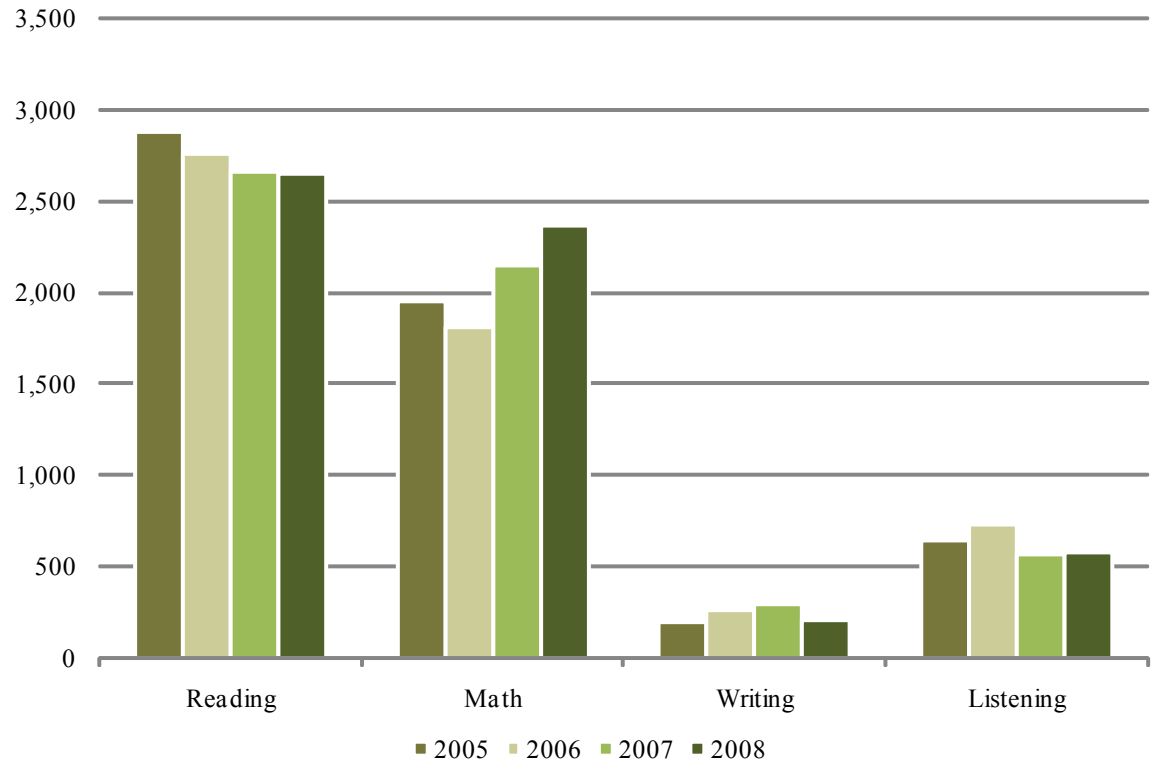
ABE Enrollment 3,951	Growth Since Last Year 6.7%
ESL Enrollment 3,110	Decline Since Last Year 20.1%
ASE Enrollment 2,210	Growth Since Last Year 6.8%

Enrollment in Adult Literacy Credentialing Programs

Iowa's community college adult literacy programs include four credentialing programs providing adults with the opportunities to earn basic skills certifications, the Iowa High School Equivalency Diplomas (GED), adult high school diplomas, and traditional high school diplomas. Adult literacy award data is collected through the Tracking of Students and Programs (TOPSpro) system. A total of 11,411 credentials were issued by Iowa community colleges as a result of successful completion of adult literacy programs in fiscal year 2008.

The Basic Skills Certification Program awards certificates for succesful attainment of basic literacy competencies below the General Educational Development (GED) level. The program awards a total

Figure 9-4: Basic Skill Certificate Program Awards: 2005-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Table 9-9.

Basic Skill Certification Program

Total Enrolled
9,271

Decline Since Last Year
4.1%

Number Pre/Post Tested
7,835
Up 4.6% since 2007.

Award Rate for Students Tested
74%
Down 2% since 2007.

of 15 basic literacy certificates in the areas of reading, mathematics, writing, and listening at four certiciation 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 qualify for a basic skills certificate.

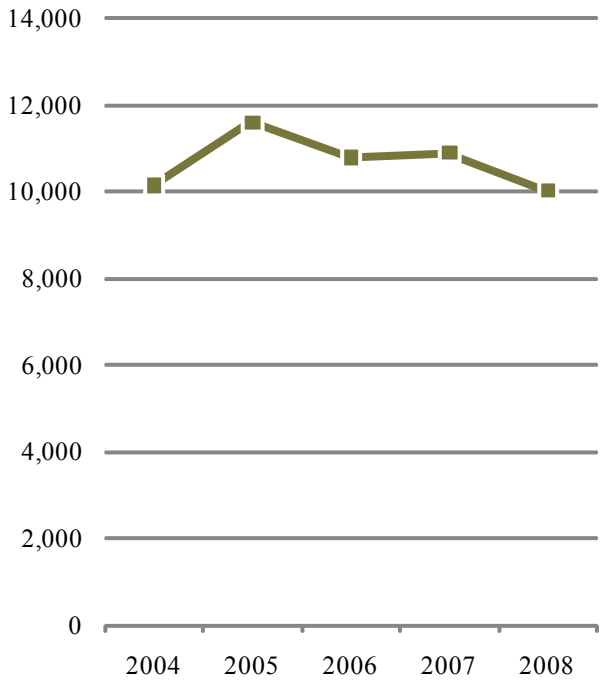
Enrollment of students eligible to earn a basic skill certification fell four percent in fiscal year 2008 (Table 11-9). During the same period, certificate attainment decreased two percent. More students were pre/post tested (up 4.5 percent from fiscal year 2007) and 60 percent were awarded certificates. The largest growth in certificates awarded during the fiscal year was in the area of mathematics (up 10.1 percent).

The Iowa High School Equivalency Diploma is awarded to adults who successfully complete the General Educational Development test battery. Initiated in 1966, the purpose of the GED program is to provide a second chance opportunity to those individuals who did not complete the requirements for a traditional high school diploma. The number of GEDs awarded rose in fiscal year 2008 by 4.4 percent (Figure 9-6) to 3,793. According to the Community College MIS, 10,015 students were enrolled in GED programs in fiscal year 2008 (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-based Iowa High School Equivalency Diploma. The number of adult high school diplomas awarded plummeted 63.3 percent in fiscal year 2008 (Figure 9-6). Since fiscal year 2005, the number of adult high school diplomas awarded has decreased an average of 21.7 percent annually.

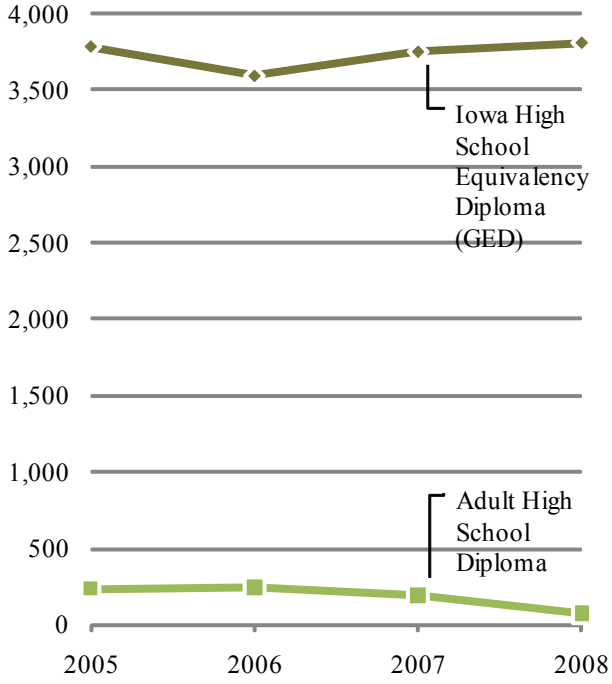
The traditional high school diploma, in the context of Iowa's college-based adult literacy program, is awarded to in-school youth by local school districts through a cooperative agreement between the districts and community colleges. The number of secondary school diplomas awarded in conjunction with the program is not reported due to data reporting consistency issues.

Figure 9-5: GED Program Enrollment (MIS): 2007-2008



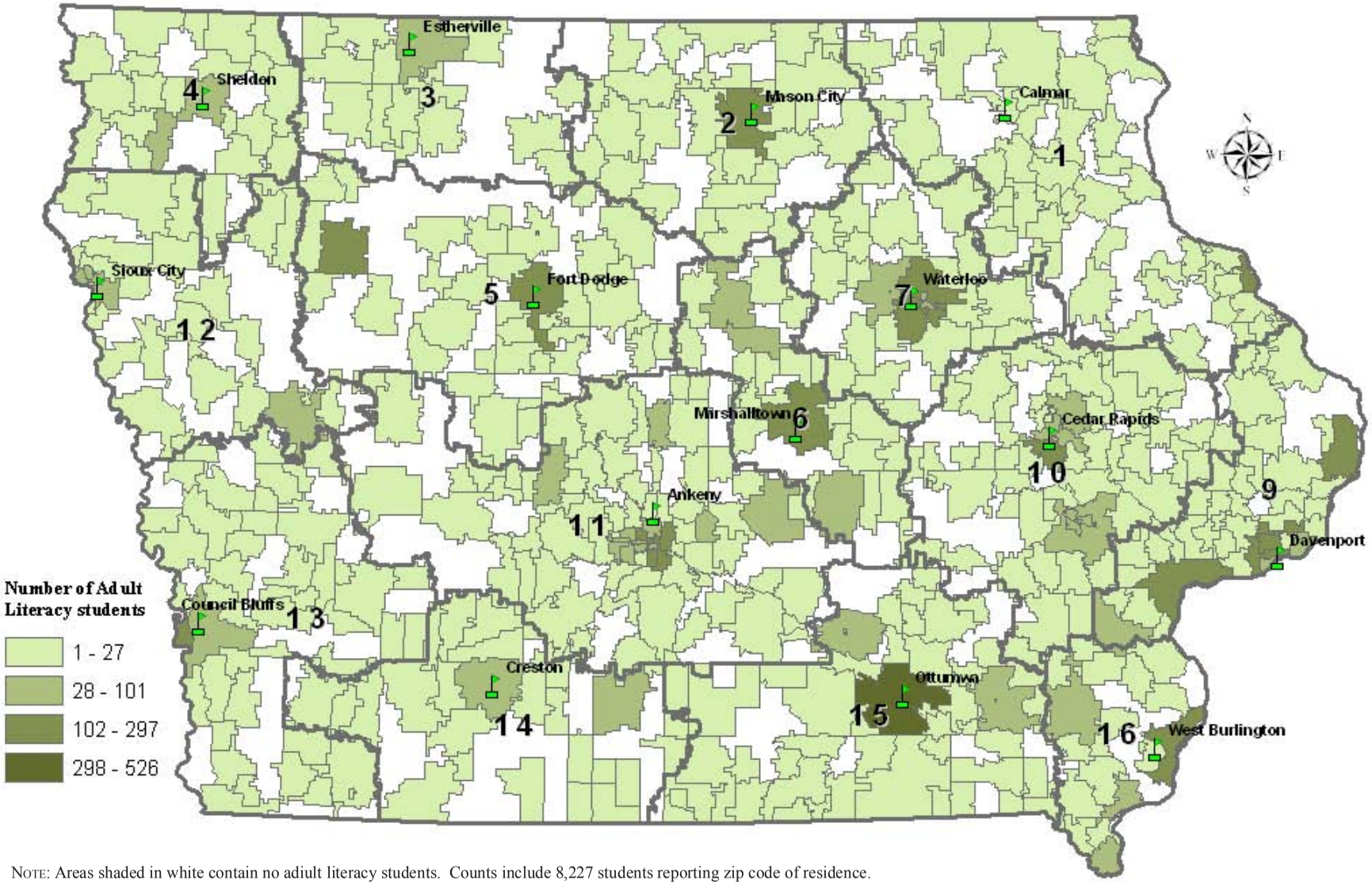
Source: Iowa Department of Education, Bureau of Community Colleges, see Table 9-10.

Figure 9-6: Adult Literacy Diplomas Awarded: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, see Table 9-8. Note: Secondary School Diplomas excluded.

Figure 9-7: NRS Reported Adult Literacy Program Enrollment by Zip Code Area: 2008



NOTE: Areas shaded in white contain no adiult literacy students. Counts include 8,227 students reporting zip code of residence.
SOURCE: Iowa Department of Education, Bureau of Community Colleges.

Table 9-1: Adult Literacy Program Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	1,132||||	1,166||||	1,053||||	936|||	770|||	-7.4%
North Iowa Area	1,694||||||	1,248||||	1,232||||	1,319|||||	1,050||||	-9.1%
Iowa Lakes	301|	291|	263|	256|	322|	1.4%
Northwest Iowa	1,291|||||	1,079||||	1,067||||	1,055||||	906|||	-6.8%
Iowa Central	1,055||||	1,799|||||||	1,703||||||	2,066||||||||	2,104||||||||	14.8%
Iowa Valley	947|||	1,390|||||	1,438|||||	1,349|||||	1,034||||	1.8%
Hawkeye	2,641||||||||||	2,415|||||||||	2,179||||||||	2,077||||||||	1,067||||	-16.6%
Eastern Iowa	3,232|||||||||||	3,035|||||||||||	2,972||||||||||	2,847||||||||||	2,892||||||||||	-2.2%
Kirkwood	2,451|||||||||	2,585|||||||||	2,822||||||||||	2,950||||||||||	3,760||||||||||||||	8.9%
Des Moines Area	5,230||||||||||||||||||	5,856||||||||||||||||||||	5,523|||||||||||||||||||	7,284||||||||||||||||||||||||	7,536||||||||||||||||||||||||||	7.6%
Western Iowa Tech	1,318|||||	1,427|||||	1,219||||	1,303|||||	1,454|||||	2.0%
Iowa Western	2,542||||||||||	2,339|||||||||	2,010||||||||	2,035||||||||	1,962|||||||	-5.0%
Southwestern	428|	533||	444|	381|	378|	-2.5%
Indian Hills	1,839|||||||	2,045||||||||	1,901|||||||	1,777||||||	1,476|||||	-4.3%
Southeastern	1,081||||	1,150||||	1,662|||||	2,162||||||||	2,296|||||||||	16.3%
Total	**27,182**	**28,358**	**27,488**	**29,797**	**29,007**	**1.3%**

NOTE: Each bar "|" denotes 250 enrollees.

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

Table 9-2: NRS-Reported Adult Literacy Program Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	380|||	415||||	415||||	367|||	310|||	-4.0%
North Iowa Area	414||||	411||||	294||	296||	264||	-8.6%
Iowa Lakes	133|	128|	104|	103|	107|	-4.3%
Northwest Iowa	268||	208||	201||	183|	163|	-9.5%
Iowa Central	582|||||	582|||||	533|||||	502|||||	486|||||	-3.5%
Iowa Valley	608||||||	1,032|||||||||	881|||||||	702||||||	514|||||	-3.3%
Hawkeye	1,207|||||||||||	853|||||||	743||||||	768||||||	672||||||	-11.1%
Eastern Iowa	1,374||||||||||||	1,465|||||||||||||	1,406|||||||||||||	1,060|||||||||	1,207|||||||||||	-2.6%
Kirkwood	1,041|||||||||	1,093|||||||||	979||||||||	930||||||||	821|||||||	-4.6%
Des Moines Area	2,684||||||||||||||||||||||	2,338||||||||||||||||||||	1,903|||||||||||||||||	2,169|||||||||||||||||||	2,267||||||||||||||||||||	-3.3%
Western Iowa Tech	855|||||||	907||||||||	801|||||||	708|||||||	628||||||	-6.0%
Iowa Western	917||||||||	754||||||	607|||||	529|||||	362|||	-17.0%
Southwestern	162|	188|	201||	196|	184|	2.6%
Indian Hills	1,088|||||||||	1,012|||||||||	888|||||||	816|||||||	869|||||||	-4.4%
Southeastern	529|||||	603||||||	535|||||	335|||	417||||	-4.6%
Total	**12,242**	**11,989**	**10,491**	**9,664**	**9,271**	**-5.4%**

NOTE: Each bar "|" denotes 100 enrollees.

SOURCE: Iowa Department of Education, Bureau of Community Colleges, NRS TOPSpro.

Table 9-3: ABE Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	730	293	589	507	490	-7.7%
North Iowa Area	1,141	762	803	809	660	-10.4%
Iowa Lakes	36	31	26	25	43	3.6%
Northwest	970	822	801	779	720	-5.8%
Iowa Central	261	420	416	502	477	12.8%
Iowa Valley	168	129	99	84	74	-15.1%
Hawkeye	1,070	981	911	811	168	-30.9%
Eastern Iowa	2,234	2,105	1,972	1,871	1,837	-3.8%
Kirkwood	786	779	736	671	1,808	18.1%
Des Moines Area	1,856	2,077	1,881	2,614	3,865	15.8%
Western Iowa Tech	98	121	87	22	28	-22.2%
Iowa Western	701	498	242	467	477	-7.4%
Southwestern	48	209	226	260	296	43.9%
Indian Hills	878	972	942	877	746	-3.2%
Southeastern	3	30	400	904	879	211.4%
Total	**10,980**	**10,229**	**10,131**	**11,203**	**12,568**	2.7%

Note: Each bar "|" denotes 100 enrollees.

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

Table 9-4: NRS-Reported ABE Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	208||||	230||||	209||||	190|||	174|||	-3.5%
North Iowa Area	311||||||	262|||||	192|||	175|||	154|||	-13.1%
Iowa Lakes	76|	75|	61|	35	52|	-7.3%
Northwest	89|	77|	74|	56|	61|	-7.3%
Iowa Central	156|||	148||	100||	126||	121||	-5.0%
Iowa Valley	200||||	365|||||||	305||||||	251|||||	215||||	1.5%
Hawkeye	711|||||||||||||	418||||||||	373|||||||	340||||||	309||||||	-15.4%
Eastern Iowa	913|||||||||||||||||	860||||||||||||||||	852||||||||||||||||	562||||||||||	668||||||||||||	-6.1%
Kirkwood	438||||||||	423||||||||	379|||||||	359|||||||	309||||||	-6.7%
Des Moines Area	1,175|||||||||||||||||||||	1,017|||||||||||||||||||	648|||||||||||	446||||||||	825|||||||||||||||	-6.8%
Western Iowa Tech	245||||	305||||||	227||||	168|||	136||	-11.1%
Iowa Western	549||||||||||	401||||||||	354|||||||	279|||||	165|||	-21.4%
Southwestern	84|	102||	88|	101||	95|	2.5%
Indian Hills	578||||||||||	455||||||||	437||||||||	416||||||||	428||||||||	-5.8%
Southeastern	320||||||	344||||||	311||||||	198|||	239||||	-5.7%
Total	**6,053**	**5,482**	**4,610**	**3,702**	**3,951**	**-8.2%**

NOTE: Each bar "|" denotes 50 enrollees.

SOURCE: Iowa Department of Education, Bureau of Community Colleges, NRS TOPSpro.

Table 9-5: ESL Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	253||	307|||	235||	249||	117|	-14.3%
North Iowa Area	133|	99	95	170|	67	-12.8%
Iowa Lakes	46	61	75	65	71	9.1%
Northwest	224||	137|	174|	188|	111|	-13.1%
Iowa Central	478||||	426||||	491||||	580|||||	617||||||	5.2%
Iowa Valley	435||||	683||||||	668||||||	706||||||	434||||	-0.0%
Hawkeye	356|||	315|||	273||	273||	248||	-7.0%
Eastern Iowa	500|||||	525|||||	584|||||	534|||||	520|||||	0.8%
Kirkwood	928|||||||||	692||||||	605||||||	758||||||	664||||||	-6.5%
Des Moines Area	1,519||||||||||||||	1,733||||||||||||||||	1,934|||||||||||||||||	2,721||||||||||||||||||||||||	2,159||||||||||||||||||||	7.3%
Western Iowa Tech	603||||||	528|||||	537|||||	642||||||	666||||||	2.0%
Iowa Western	383|||	352|||	299||	265||	268||	-6.9%
Southwestern	75	81	105|	77	71	-1.1%
Indian Hills	343|||	455||||	413||||	402||||	338|||	-0.3%
Southeastern	75	133|	85	67	73	-0.5%
Total	**6,351**	**6,527**	**6,573**	**7,697**	**6,424**	0.2%

Note: Each bar "I" denotes 100 enrollees.

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

Table 9-6: NRS-Reported ESL Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	70|	92|	93|	83|	47	-7.7%
North Iowa Area	49	65|	49	51|	43	-2.6%
Iowa Lakes	20	22	25	29	27	6.2%
Northwest	148||	95|	96|	110||	70|	-13.9%
Iowa Central	338||||||	334||||||	353|||||||	290|||||	274|||||	-4.1%
Iowa Valley	338||||||	584||||||||||	452||||||||	402|||||||	245||||	-6.2%
Hawkeye	321||||||	253|||||	205||||	234||||	201||||	-8.9%
Eastern Iowa	177|||	325||||||	280|||||	214||||	202||||	2.7%
Kirkwood	394|||||||	313||||||	267|||||	289|||||	233||||	-10.0%
Des Moines Area	1,159|||||||||||||||||||||	991||||||||||||||||||	1,049|||||||||||||||||||	1,461||||||||||||||||||||||||||	1,030|||||||||||||||||||	-2.3%
Western Iowa Tech	448||||||||	371|||||||	431||||||||	389|||||||	355|||||||	-4.5%
Iowa Western	94|	75|	73|	93|	84|	-2.2%
Southwestern	21	25	37	30	32	8.8%
Indian Hills	218||||	298|||||	215||||	200||||	238||||	1.8%
Southeastern	49	72|	39	17	29	-10.0%
Total	**3,844**	**3,915**	**3,664**	**3,892**	**3,110**	

NOTE: Each bar "|" denotes 50 enrollees.

SOURCE: Iowa Department of Education, Bureau of Community Colleges, NRS TOPSpro.

Table 9-7: NRS-Reported ASE Enrollment by College: 2004-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	102||||	93|||	113||||	94|||	89|||	-2.7%
North Iowa Area	54||	84|||	53||	70||	67||	4.4%
Iowa Lakes	37|	31|	18	39|	28|	-5.4%
Northwest	31|	36|	31|	17	32|	0.6%
Iowa Central	88|||	100||||	80|||	86|||	91|||	0.7%
Iowa Valley	70||	83|||	124||||	49|	54||	-5.1%
Hawkeye	175||||||	182||||||	165|||||	194||||||	162|||||	-1.5%
Eastern Iowa	284||||||||||	280||||||||||	274|||||||||	284||||||||||	337||||||||||||	3.5%
Kirkwood	209|||||||	357||||||||||||	333||||||||||||	282||||||||||	279||||||||||	5.9%
Des Moines Area	350||||||||||||	330||||||||||||	206|||||||	262|||||||||	412||||||||||||||	3.3%
Western Iowa Tech	162|||||	231||||||||	143|||||	151|||||	137|||||	-3.3%
Iowa Western	274|||||||||	278||||||||||	180||||||	157|||||	113||||	-16.2%
Southwestern	57||	61||	76|||	65||	57||	0.0%
Indian Hills	292||||||||||	259|||||||||	236||||||||	200|||||||	203|||||||	-7.0%
Southeastern	160|||||	187||||||	185||||||	120||||	149|||||	-1.4%
Total	**2,345**	**2,592**	**2,217**	**2,070**	**2,210**	**-1.2%**

NOTE: Each bar "|" denotes 50 enrollees.

SOURCE: Iowa Department of Education, Bureau of Community Colleges, NRS TOPSpro.

Table 9-8: Adult Literacy Credentials Awarded, By College: 2008

College	Basic Literacy Skill Certificates	High School Equivalency Diplomas	Community College Adult High School Diplomas	Total
Northeast Iowa	300||||||	166|||	0	**466**
North Iowa Area	285|||||	76|	0	**361**
Iowa Lakes	81|	63|	1	**145**
Northwest	23	26	0	**49**
Iowa Central	285|||||	309||||||	2	**596**
Iowa Valley	324||||||	140||	2	**466**
Hawkeye	406||||||||	148||	3	**557**
Eastern Iowa	825||||||||||||||||	614||||||||||||	0	**1,439**
Kirkwood	700||||||||||||||	362|||||||	82|	**1,144**
Des Moines Area	1,882|||||||||||||||||||||||||||||||||||||||||	894||||||||||||||||	66|	**2,842**
Western Iowa Tech	443||||||||	226||||	0	**669**
Iowa Western	362|||||||	284|||||	0	**646**
Southwestern	116||	39	0	**155**
Indian Hills	812||||||||||||||||	182|||	0	**994**
Southeastern	537||||||||||	264|||||	0	**801**
Total	**7,381**	**3,793**	**156**	**11,330**

NOTE: Each bar "I" denotes 50 enrollees. The total number of basic skill certificates exceeds 5,798 because students enrolled in other (non-college) adult literacy programs such as corrections education. Diplomas awarded through cooperative aggrements with local school districts excluded.

Basic Literacy Skill Certificates includes corrections literacy programs.

High School Equivalency Diplomas excludes GED's issued through the Iowa Department of Education.

Total excludes cooperative programs between community colleges and secondary institutions (school district-issued diplomas).

SOURCE: Iowa Department of Education, Bureau of Community Colleges, NRS TOPSpro.

Table 9-9: Basic Skill Certificate Program Enrollment and Awards: 2005-2008

Program Year	Total Enrolled	Students Pre/Post Tested	Basic Skill Certificates				Total Awards	Percent Enrolled Receiving a Certificate
			Reading	Math	Writing	Listening		
2005	11,989	9,432	2,876	1,957	198	647	**5,678**	**47.4%**
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%**
Percent Change 2007-2008	-4.1%	4.6%	-0.3%	10.1%	-29.8%	1.4%	**2.2%**	**6.6%**
Average Change 2004-2008	-5.0%	-3.6%	-1.6%	3.9%	1.2%	-2.4%	**0.4%**	**5.7%**

Source: Iowa Department of Education, Bureau of Community Colleges, TOPSpro.

Table 9-10: GED Program Enrollment: 2005-2008

College	2004	2005	2006	2007	2008	Average Change 2004-2008
Northeast Iowa	149|	566|||||	229||	180|	163|	1.8%
North Iowa Area	420||||	387|||	334|||	340|||	323|||	-5.1%
Iowa Lakes	219||	199|	162|	166|	208||	-1.0%
Northwest	97	120|	92	88	75	-5.0%
Iowa Central	316|||	953|||||||||	796|||||||	984|||||||||	1,010||||||||||	26.2%
Iowa Valley	344|||	578|||||	671||||||	559|||||	526|||||	8.9%
Hawkeye	1,215||||||||||||	1,119|||||||||||	995|||||||||	993|||||||||	651||||||	-11.7%
Eastern Iowa	498||||	405||||	416||||	442||||	535|||||	1.4%
Kirkwood	1,015||||||||||	1,114|||||||||||	1,481|||||||||||||	1,521||||||||||||||	1,288|||||||||||	4.9%
Des Moines Area	1,855||||||||||||||||||	2,046||||||||||||||||||||	1,708|||||||||||||||||	1,949||||||||||||||||||||	1,512|||||||||||||||	-4.0%
Western Iowa Tech	617||||||	778|||||||	595|||||	639||||||	760|||||||	4.3%
Iowa Western	1,458||||||||||||||	1,489||||||||||||||	1,469||||||||||||||	1,303|||||||||||||	1,217||||||||||||	-3.5%
Southwestern	305|||	243||	113|	44	11	-48.5%
Indian Hills	618||||||	618||||||	546|||||	498||||	392|||	-8.7%
Southeastern	1,003||||||||||	987|||||||||	1,177||||||||||	1,191||||||||||	1,344||||||||||||	6.0%
Total	**10,129**	**11,602**	**10,784**	**10,897**	**10,015**	**-0.2%**

Note: Each bar "|" denotes 100 enrollees.

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

10 Economic Development

This year the Iowa Department of Education begun reporting 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). Historical data has been revised to reflect reports issued by IDED.

• • •

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

The Iowa Industrial New Jobs Training Programs assist businesses that are creating new jobs within the state. Iowa Jobs Training Programs are designed to build workforce skills and expertise. Finally, the Accelerated Career Education program helps community colleges expand programs that are critically needed in the workforce. Unlike 260E and 260F programs, ACE is primarily delivered through credit programs.

260E Programs

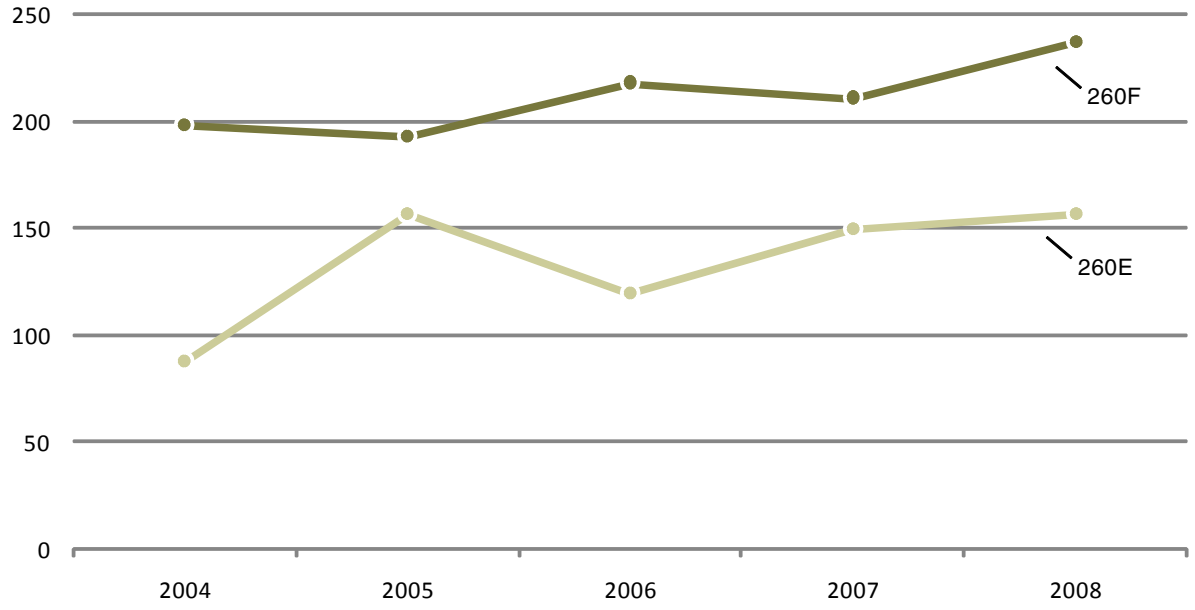
Number of Students Trained:	Growth since last year:
8,698	157
Decreased 0.1 percent since 2007.	Increased 4.7 percent since 2007.

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.

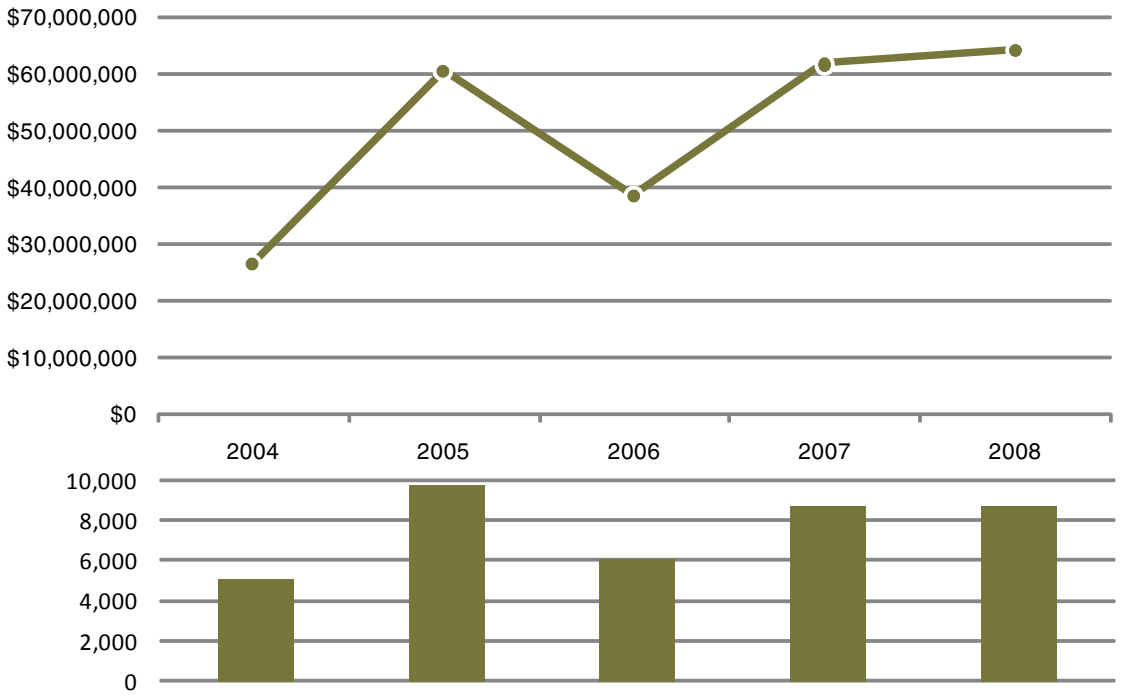
The training dollars awarded for this program continue to increase. In 2008 dollars, the training dollars

Figure 10-1: Projects Awarded for 260E and 260F Programs: 2004-2008



Source: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2008, see Table 10-1, 10-2.

Figure 10-2: Adjusted Training Dollars (top) and Trained (bottom) for 260E Programs: 2004-2008



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2008, see Table 10-1.

awarded have increased 110 percent since fiscal year 2004, or an average of 22 percent per year. However, the real dollar amount actually decreased by 0.30% from fiscal year 2007.

The number of projects awarded also continues to increase. Since fiscal year 2004, a total of 672 projects have been awarded with seven more projects awarded in fiscal year 2008 compared to the previous year. Compared to fiscal year 2004, fiscal year 2008 had 69 more projects awarded for a total of 157 for the year.

The number of individuals trained continues to fluctuate from year to year. Since 2004, 38,286 individuals have been trained through 260E programs. In fiscal year 2008, 3,687 more individuals were trained then in fiscal year 2004. The fiscal year 2008 number was actually 14 less then fiscal year 2007.

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.

260F PROGRAMS

NUMBER OF STUDENTS COMPLETED: **3,296**
6,406 students to be trained.

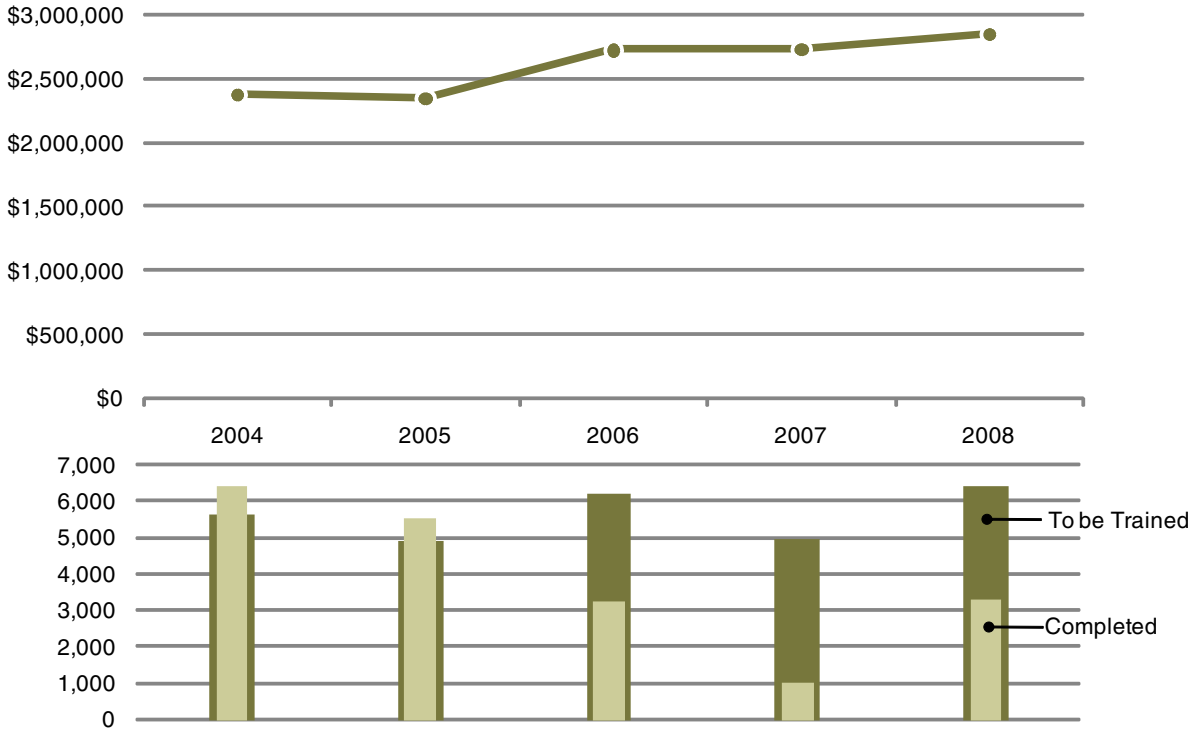
PROGRAMS AWARDED: **237**
Increased 12.3 percent since 2007.

The number of projects awarded also continues to increase. Since fiscal year 2004, a total of 1,057 projects have been awarded, with 26 more projects awarded in fiscal year 2008 compared to the previous year. Compared to fiscal year 2004, fiscal year 2008 had 39 more projects awarded for a total of 237 for the year.

The number of individuals to be trained and the number completed in this program continue to fluctuate from year to year. Since fiscal year 2004, 28,134 individuals were classified to be trained and 19,556 completed the training. In fiscal year 2008, 1,410 more individuals were classified to be trained then fiscal year 2007 and 2,271 more individuals completed the training then the previous year.

The training dollars awarded for this program continue to increase. In 2008 dollars, the training dollars awarded have increased 5.3 percent since fiscal year 2004, or an average of one percent per year. The real dollar amount increased 0.1 percent from fiscal year 2007.

Figure 10-3: Adjusted Training Dollars (top) and Trained (bottom) for 260F Programs: 2004-2008



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2008, see Table 10-2.

ACE (260G) PROGRAMS

POSITIONS SPONSORED:
2,309
A 5.5 percent decrease.

AVERAGE STARTING WAGE:
$15.82

Accelerated Career Education (ACE 260G)

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

The number of programs and businesses participating in these programs continue to increase. Since fiscal year 2004, 407 programs have been created. The number of businesses participating has increased to 319 in fiscal year 2008, up from 215 in fiscal year 2004.

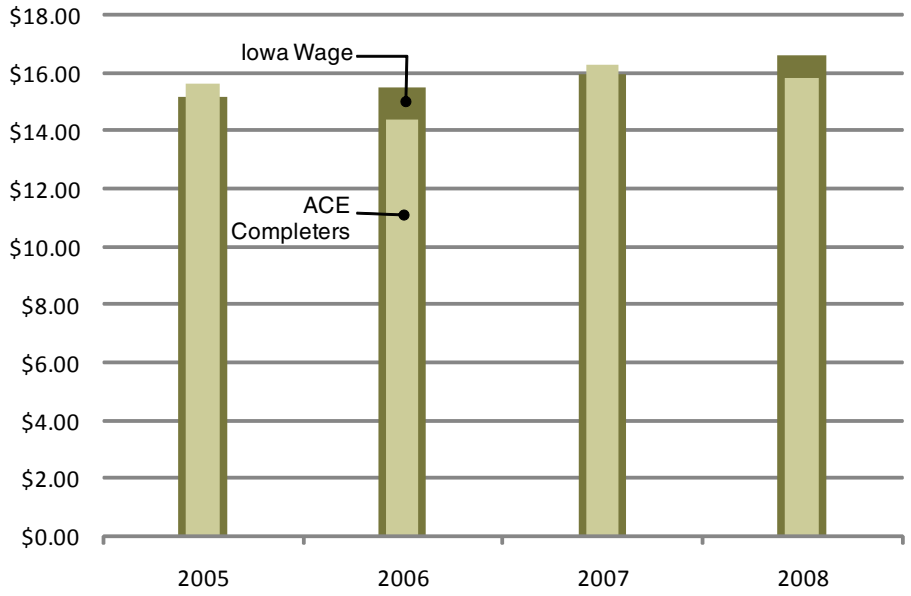
The total number of positions sponsored per year has also increased. In fiscal year 2004, 1,861 positions were sponsored, and this increased to 2,309 in fiscal year 2008. A total of 11,778 positions have been sponsored since fiscal year 2004.

The number of students who have been offered positions has decreased since fiscal year 2004. In fiscal year 2008, 220 individuals were offered positions, a decrease of 221 from fiscal year 2004. In total, 1,561 students have been offered positions through this program.

The dollar amount of job credits awarded, adjusted to 2008 dollars, indicate that overall this amount has increased 31 percent, or an average of 6.2 percent per year. The amount awarded in fiscal year 2008 decreased 5.4 percent in real dollars from the previous year.

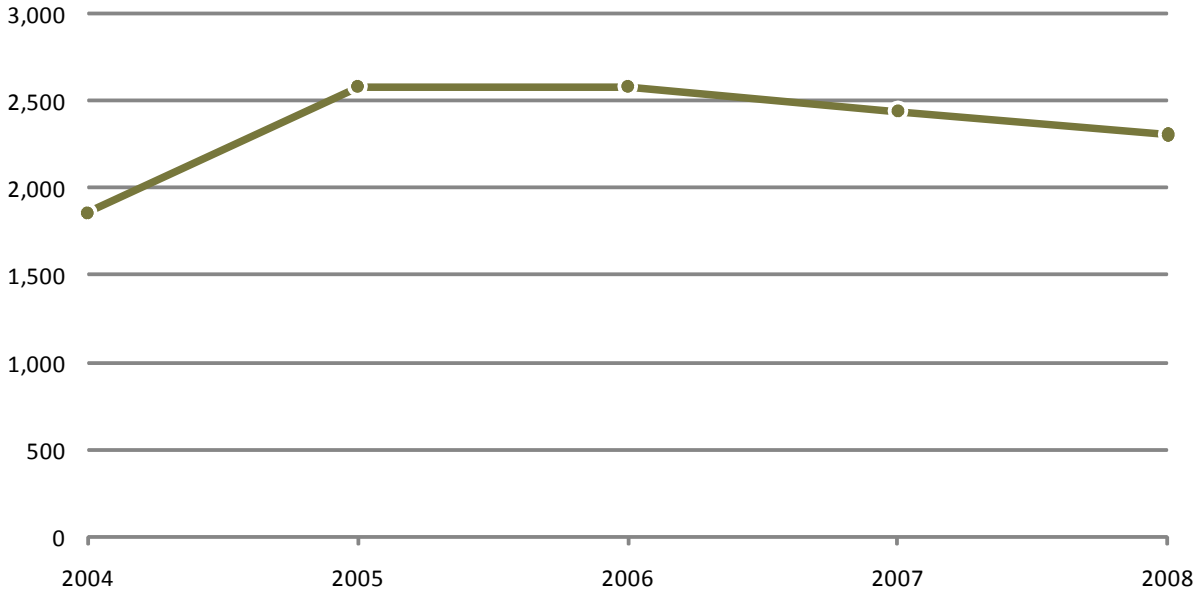
The average starting wage for the students hired through this program has fluctuated from year to year. A comparison to Iowa's mean hourly wage indicates that in fiscal year 2005 and fiscal year 2007, the student's average wage was above Iowa's mean hourly wage by $0.44 and $0.31 respectively. In fiscal year 2006 and fiscal year 2008, the average wage fell under the Iowa mean hourly wage by $1.14 and $0.84 respectively.

Figure 10-4: Average Wages for ACE Graduates and Average Iowa Wages: 2005–2008



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2008 and U.S. Bureau of Labor Services, Occupational Employment Statistics, see Table 10-3.

Figure 10-5: Positions Sponsored by ACE: 2005–2008



SOURCE: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004–2008 and U.S. Bureau of Labor Services, Occupational Employment Statistics, see Table 10-3.

Table 10-1: Funding, Trained, and Projects for 260E Programs: 2004–2008

Fiscal Year	Amount	Trained	Projects
2004	$26,746,500	5,011	88
2005	60,659,000	9,741	157
2006	38,665,000	6,124	120
2007	61,808,000	8,712	150
2008	64,259,000	8,698	157

Source: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004-2008.

Table 10-2: Funding, To be Trained, Completers, and Projects for 260F Programs: 2004–2008

Fiscal Year	Amount	Number to be Trained	Number Completed	Projects
2004	$2,374,274	5,628	6,421	198
2005	2,351,594	4,901	5,554	193
2006	2,727,651	6,203	3,260	218
2007	2,732,004	4,996	1,025	211
2008	2,850,634	6,406	3,296	237

Source: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004-2008.

Table 10-3: Programs, Businesses, Sponsored Positions, Offered Positions, Average ACE Wages, and Awarded Job Credits for 260G Programs: 2004–2008

Fiscal Year	Programs	Businesses	Positions Sponsored	Offered Positions	Average ACE Starting Wage	Iowa Mean Hourly Wage	Job Credits Awarded
2004	60	215	1,861	441	NA	NA	3,900,872
2005	79	290	2,582	387	$15.63	$15.19	5,814,485
2006	84	311	2,582	306	14.41	15.55	5,900,000
2007	89	272	2,444	207	16.30	15.99	5,900,000
2008	95	319	2,309	220	15.82	16.66	5,823,507

Note: Average starting wage was unavailable for fiscal year 2004.
Source: Iowa Department of Economic Development, Workforce Business Service Training Annual Reports: 2004-2008 and U.S. Bureau of Labor Statistics, Occupational Employment Statistics.

11 Apprenticeship

Apprenticeship programs utilize the most up-to-date technologies that are available in the workplace. The Bureau of Apprenticeship and Training must approve all apprenticeship projects funded through the Iowa Department of Economic Development (IDED). This section includes apprenticeship programs offered through the community colleges and funded through Iowa Department of Economic Development as well as those apprenticeship programs that were not funded through IDED.

In fiscal year 2008, the total number of unduplicated students in all apprenticeship programs increased by 401 from the previous year. The number of students in non-credit apprenticeship programs increased by 13.5 percent during that time period while the number of non-credit contact hours increased by 4.8 percent. Since fiscal year 2004, the number of non-credit students has increased by 268, or an average of 1.7 percent annually. The number of non-credit contact hours taken has increased by 70,495 since fiscal year 2004, or an average of 3.6 percent annually.

The numbers of students in credit apprenticeship programs increased by 14 while the number of credit hours taken in fiscal year 2008 increased by 338 from fiscal year 2007. Since fiscal year 2004, the number of credit students has decreased by 14, or an average of -2.3 percent annually. The number of credit hours taken has decreased slightly (-34.5) since fiscal year 2004.

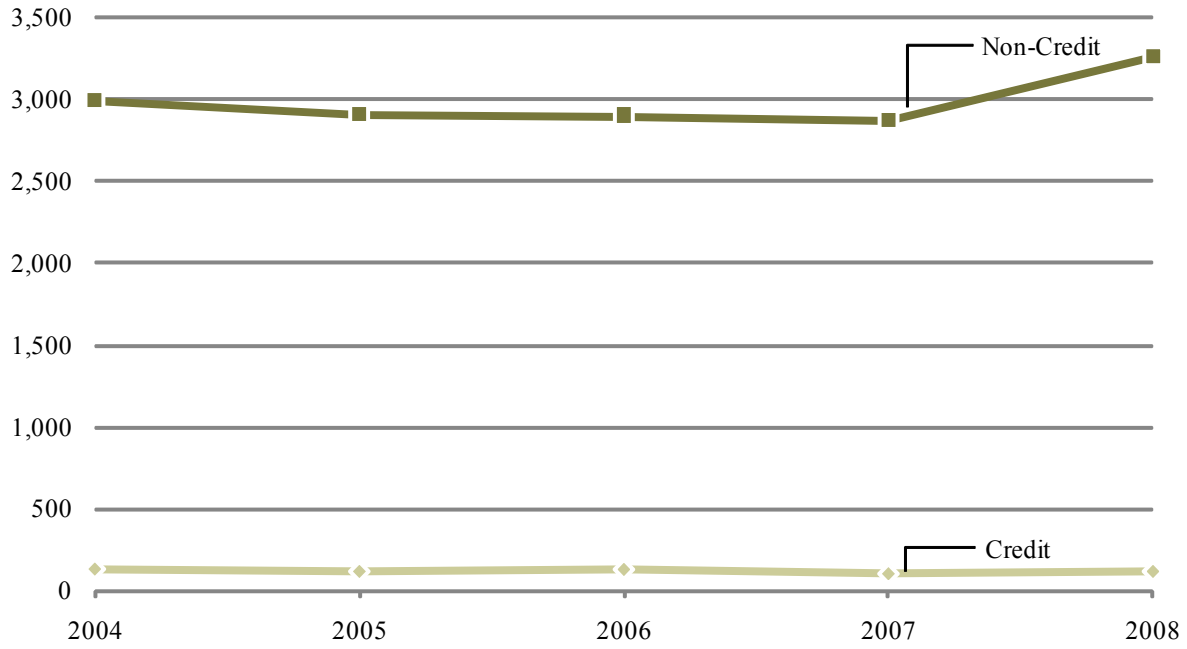
Apprenticeship Programs

Students (Non-Credit):	Growth since last year:
3,261	13.5%
Students (Credit):	**Growth since last year:**
113	14.1%

IDED-Funded Apprenticeship Programs

The Iowa New Jobs Training Program (260E) assists businesses which are creating new positions or new jobs. The dollar amount available for training through the program is dependent upon the training and development needs and projected tax revenue available to repay the certificates. Applications for this program must be made through the local community college.

Figure 11-1: Apprenticeship Program Enrollment, Credit and Non-Credit: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Table 11-1.

In fiscal year 2008, the number of students participating increased by 11 over the previous year. However, the number of contact hours decreased by 1,908.

The Iowa Jobs Training Program (260F) provides job training services to current employees of eligible businesses which are located in Iowa. Job training services are defined as any training needed to enhance the performance of a business' employees. This program is administered by the Iowa Department of Economic Development and services are provided by Iowa's 15 community colleges. Each community college works with eligible businesses to assess training needs, determine funds availability and provide training.

The number of students participating increased by 71 while the number of contact hours decreased by 30,455.

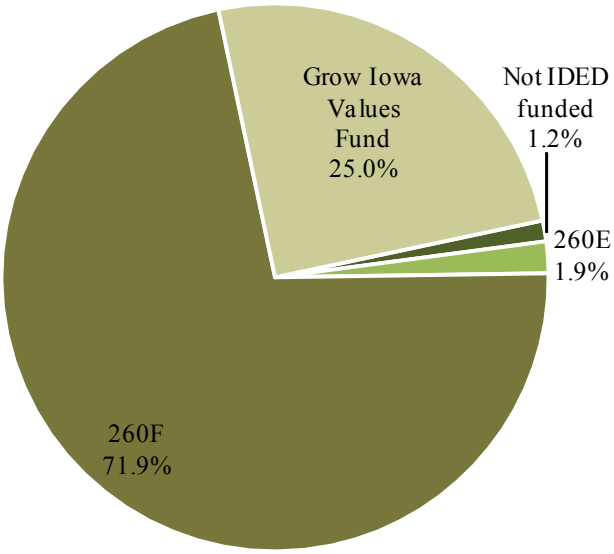
The Iowa Values Fund is an economic development program designed to transform Iowa economy by creating high quality jobs through business development and expansion across Iowa. A variety of programs are available through the Iowa Values Fund, including apprenticeship programs.

The number of students participating in these programs increased by 288 in fiscal year 2008 while the number of contact hours increased 56,716.8 over the previous year.

Programs Not Funded by IDED

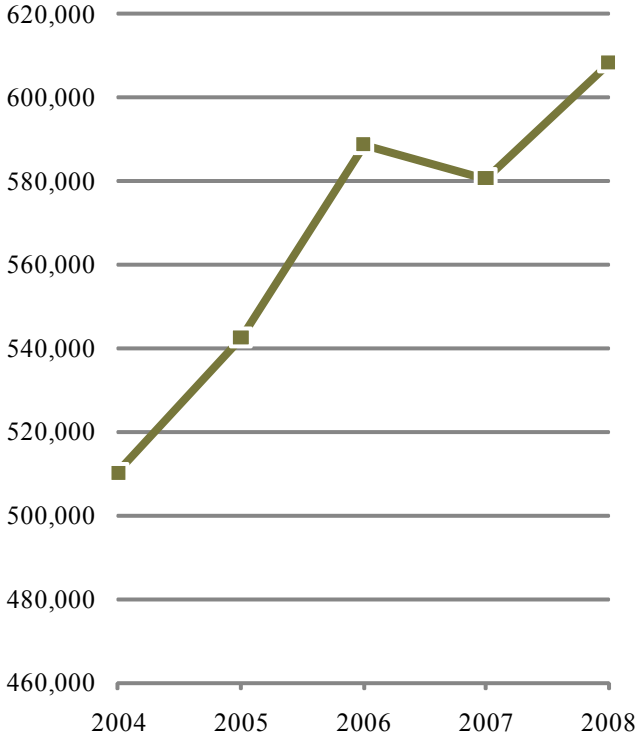
The number of students participating in non-credit apprenticeship programs that were not funded by economic development programs increased by 17 from fiscal year 2007 to fiscal year 2008. The number of contact hours increased 3,366 over the previous year.

Figure 11-3: Apprenticeship Contact Hours: 2004-2008



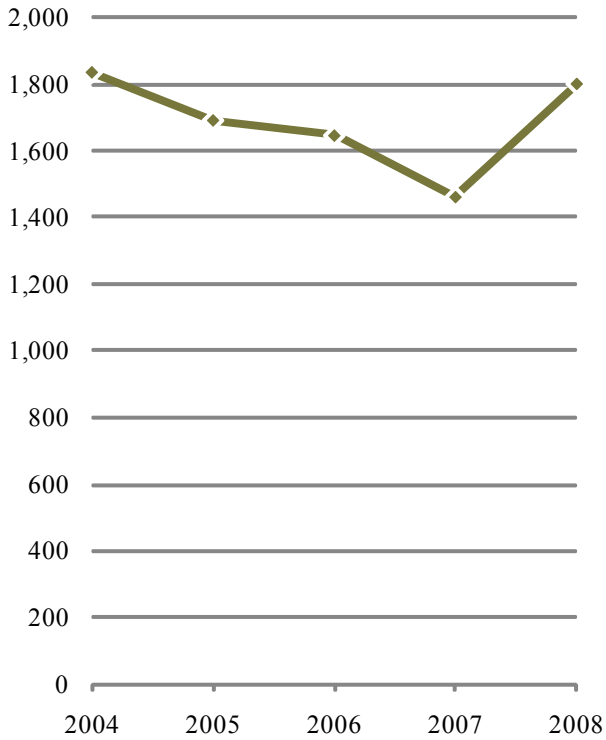
Source: Iowa Department of Education, Bureau of Community Colleges, Tables 11-2, 11-3, 11-4, 11-5.

Figure 11-2: Apprenticeship Non-Credit Contact Hours: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Table 11-1.

Figure 11-3: Apprenticeship Credit Hours: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Table 11-1.

Table 11-1: Apprenticeship Program Enrollment, Credit Hours, and Contact Hours: 2004-2008

	Credit		Non-Credit	
Fiscal Year	Students	Credit Hours	Students	Contact Hours
2004	127	1,834.0	2,993	510,151.7
2005	113	1,690.5	2,909	542,446.3
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

NOTE: Non-Credit numbers reflect a combination of apprenticeship programs funded by IDED and not funded by IDED.

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

Table 11-2: Non-Credit Apprenticeship Programs Not Funded by IDED - Enrollment and Contact Hours: 2007-2008

Fiscal Year	Students	Contact Hours
2007	23	4,554.0
2008	40	7,920.0

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

Table 11-3: Non-Credit Apprenticeship Programs Funded by the Grow Iowa Values Fund - Enrollment and Contact Hours: 2007-2008

Fiscal Year	Students	Contact Hours
2007	527	97,996.8
2008	815	154,713.6

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

Table 11-4: Apprenticeship Programs Funded by Iowa Industrial New Jobs Training Programs (260E) - Non-Credit Enrollment and Contact Hours: 2004-2008

	2004		2005		2006		2007		2008	
College	**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	85	2,532	56	2,109	12	998	50	3,185	61	1,277
Iowa Valley	0	0	0	0	0	0	0	0	0	0
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	0	0	0	0	0	0	0	0	0	0
Kirkwood	0	0	0	0	0	0	0	0	0	0
Des Moines Area	0	0	0	0	0	0	0	0	0	0
Western Iowa Tech	0	0	0	0	0	0	0	0	0	0
Iowa Western	0	0	0	0	0	0	0	0	0	0
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	0	0	0	0	0	0	0	0	0	0
Total	**85**	**2,532**	**56**	**2,109**	**12**	**998**	**50**	**3,185**	**61**	**1,277**

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

Table 11-5: Apprenticeship Programs Funded by Iowa Jobs Training Programs (260F) - Non-Credit Enrollment and Contact Hours: 2004-2008

	2004		2005		2006		2007		2008	
College	**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	4	691	4	307	1	173	0	0	4	691
Hawkeye	0	0	0	0	0	0	0	0	0	0
Eastern Iowa	627	121,958	671	115,708	610	129,953	657	139,598	854	185,654
Kirkwood	686	110,654	612	116,746	591	125,447	447	92,933	479	54,637
Des Moines Area	1,515	297,923	1,490	293,170	1,626	318,348	1,128	233,563	911	192,790
Western Iowa Tech	49	11,782	54	13,766	55	13,766	33	7,434	29	7,798
Iowa Western	0	0	0	0	0	0	9	1,382	8	1,075
Southwestern	0	0	0	0	0	0	0	0	0	0
Indian Hills	0	0	0	0	0	0	0	0	0	0
Southeastern	14	1,692	0	0	0	0	0	0	60	1,799
Total	**2,895**	**544,700**	**2,831**	**539,696**	**2,883**	**587,688**	**2,274**	**474,910**	**2,345**	**444,443**

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

12 Student Success

The Department of Education collects data on student awards (see Section 6), transfer to four-year colleges and universities, and employment in the workforce. As a result, the Department calculates the graduation rate, time-to-degree, transfer rate, and wages after graduation.

This year the department introduced the community college "success rate," to capture the broad mission of colleges. The success rate calculates the ratio of students who graduate or transfer within three years.

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 2006. There were 9,243 students in the cohort this year. This cohort is used to calculate the success rate, graduation rate transfer rate.

Student Outcomes

Success Rate: **52.7%**

Average Time-to-Degree **2.3 Years**

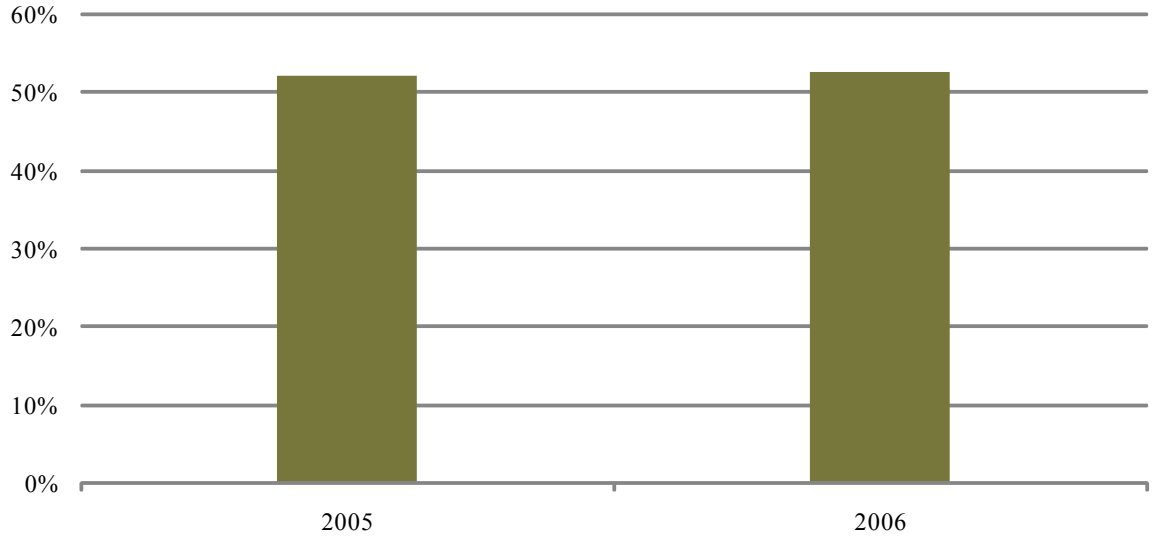
Success Rate

Students enroll into community colleges for various reasons besides seeking an award. The "success rate" is a new measure introduced by the Iowa Department of Education to track student outcomes. The measure 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. Federal and state calculations typically allows students a 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.

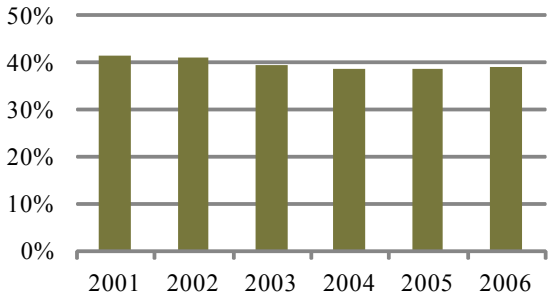
The success rate for the 2005 and 2006 cohort was over 52 percent (Figure 12-1). That is, over half of the fiscal year 2005 and fiscal year 2006 first-time, full-time cohort either graduated from community college or

Figure 12-1: Success Rate (Graduation + Transfer): 2008



Source: Iowa Department of Education, Bureau of Community College, Community College MIS and National Student Clearinghouse, see Table 12-1.

Figure 12-2: Graduation Rate: 2001–2006



SOURCE: Iowa Department of Education, Bureau of Community College, Community College MIS, see Table 12-2.

transferred to a 4-year university within three years.

Figure 12-3 shows the path of the fiscal year 2006 cohort through three years. Very few students graduated or transfered within the first year. However, 30 percent of the initial cohort did graduate or transfer in the second year. Twenty-six percent of the those remaining the the second year graduate 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.

Graduation Rate

The graduation rate follows the same first-time, full-time cohorts for three years. In fiscal year 2007, the graduation rate edged up to 39.1 percent (Figure 12-2). The graduation rate has fluctuated between 41 and 38 percent since 2001. Nationally, the three-year graduation rate for community colleges is 33 percent (Knapp, Kelly-Reid, and Whitemore, 2006).

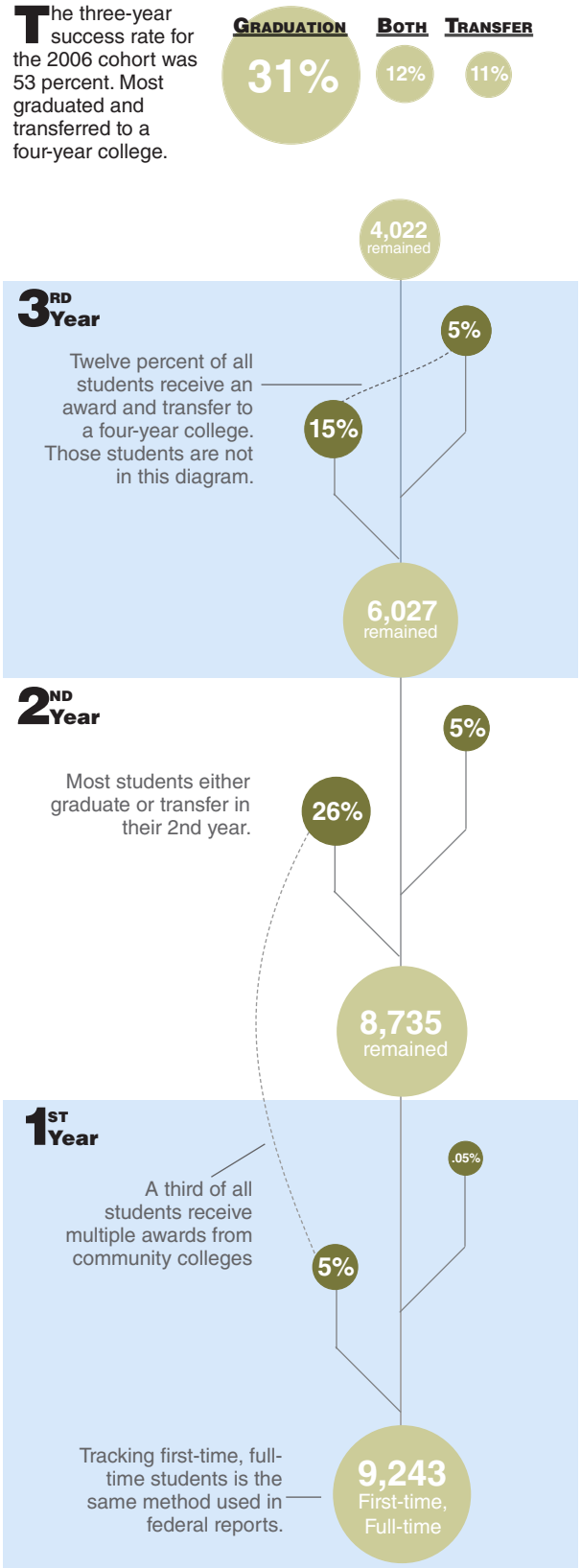
Time-to-Degree

Time-to-degree measures the timeliness of receiving a community college award. This is the first year the indicator is being reported in the Condition Report, so the data is only available for fiscal year 2003 and 2004 cohorts.

Unlike the success, graduation, and transfer rates—which only tracks 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.

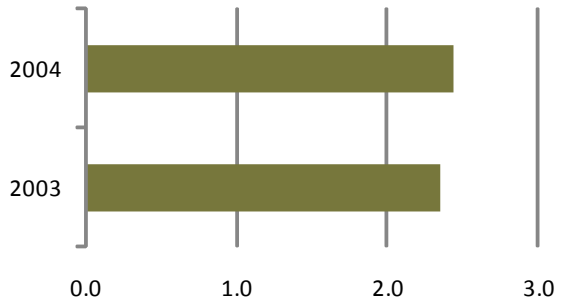
On average, it took 2.4 years for the 2003 cohort to complete a community college diploma, compared to 2.3 years for the 2002 cohort (Table 12-4)

Figure 12-3: Fiscal Year 2006 Cohort's Path to Graduation and Transfer



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

Figure 12-4: Time-to-Degree: 2004–2003



Source: Iowa Department of Education, Bureau of Community College, Community College MIS, see Table 12-3.

Wages of Graduates

The Iowa Department of Education and Iowa State University's Office of Community College Research and Policy tracked the median wages of community college students who graduated or left school in fiscal year 2002. Wages were traced through Iowa's Unemployment Insurance (UI) record system maintained at Iowa Workforce Development.

In particular, Figure 12-3 shows the median salary for completers of various award types, those who left without completing the degree, and all students. The median income for students were only recorded if the student worked all four quarters.

In 2002, median wages were $16,743 for all students. In the following year, median wages grew the largest for completers and various award types. In particular, median wages for all awardees grew 69 percent while leavers (non-awardees) grew 29 percent. 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).

Transfer Analysis

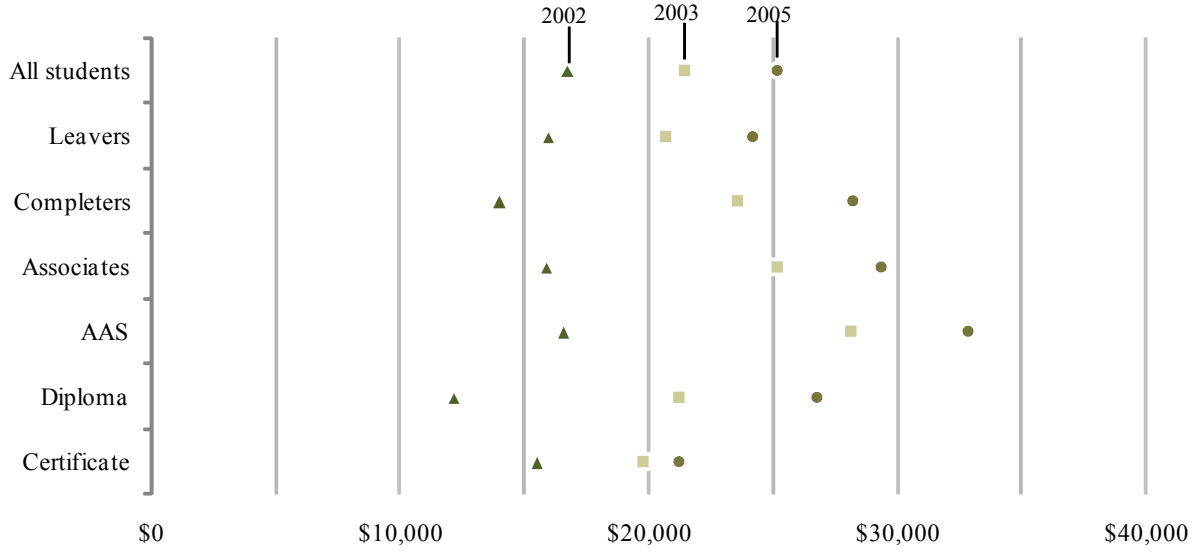
The Iowa Department of Education and Iowa State University's Office of Community College Research and Policy also tracked the transfer patterns of community college students who completed an award or left the college in fiscal year 2002. The analysis used the National Student Clearinghouse to track the 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 awardess. The AA program is designed to transfer to a 4-year institution an ultimately lead to a Bachelor's degree. By the third year, 67.1 percent of AA recipients transferred.

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.

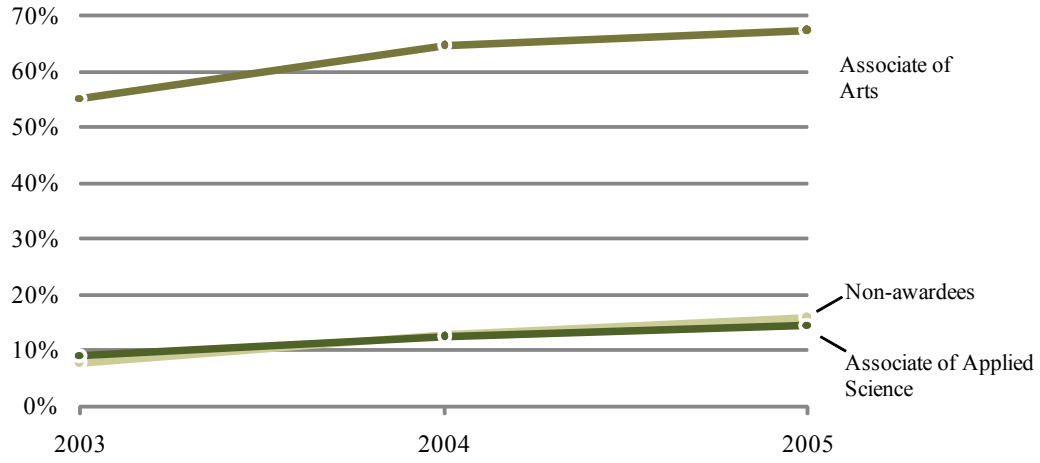
Finally, 15.6 percent of non-awardee leavers transfer to a four-year instituiton. It is difficult to interpret the

Figure 12-5: Median Earnings of Community College Alumni: 2002, 2003, and 2005



Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS and Iowa Workforce Development, Unemployment Insurance records, see Table 12-4.

Figure 12-5: Three-year Transfer Rates by Award Type: 2002 Cohort



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-5.

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 unviersities. The one-year retention rate of all community college students has remained steady since 1991. Eighty-two percent of community college students transferring to the University of Iowa (SUI) remained at the university after a year (Table 12-6). Meanwhile, over 72 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 ISU's one-year retention rate rose to 79 percent.

Since 1991, the graduation rate for all community college transfer students has risen (Table 12-7). In 1991, 63 percent of transfer students from community colleges graduated within four years at the UNI. Meanwhile, 50 percent of community college transfer students graduated within four years at Iowa State University (ISU). In 2003, 65 percent graduate from UNI and nearly 58 percent graduate from ISU 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 provide 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.

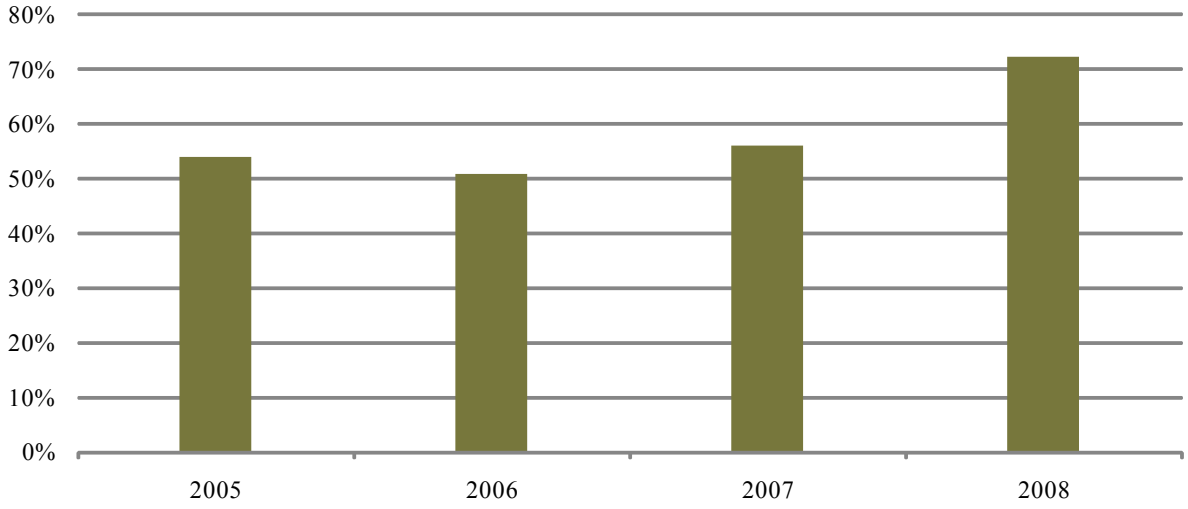
For fiscal year 2008, MIS data was used in conjunction with data from the National Student Clearinghouse for the first time. Previously, from fiscal year 2005 to 2007, students were only identified through the MIS.

In 2008, 411 students students indicated intent to transition to 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 12-6).

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 12-7).

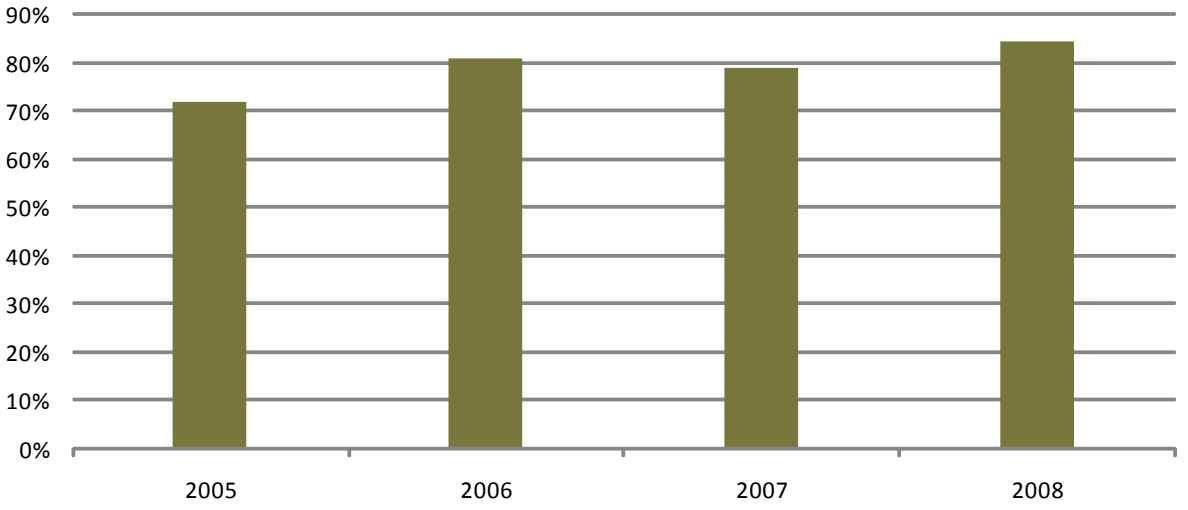
In fiscal year 2008, students indicating the intent to enter employment decreased, however, students obtaining employment increased by six percent from 2007. Additionally, in fiscal year 2008, students indicating the intent to retain employment decreased, however, the percentage of students who sought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

Figure 12-6: Postsecondary Education for Adult Literacy Participants: 2005—2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-8.

Figure 12-7: Employment for Adult Literacy Participants: 2005—2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, and National Student Clearinghouse, see Table 12-9.

Table 12-1: Success Rate: 2005–2006 Cohorts

Cohort	Students	Success	Percentage
2005	10,376	5,433	52.4%
2006	9,243	4,869	52.7%

NOTE: Success rate includes awardees and transfers for first-time/full-time cohorts.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS and National Student Clearinghouse.

Table 12-2: Graduation Rate: 2001–2006 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%

NOTE: Graduation rates follows a cohort of first-time/full-time students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 12-3: Time-to-Degree: 2003–2004 Cohorts

Cohort	Students	Average Years
2003	10,376	2.3
2004	11,110	2.4

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

Table 12-4: Wage Data Analysis

	2002		2003		2005	
	Students	**Median Salary**	**Students**	**Median Salary**	**Students**	**Median Salary**
All students	20,512	$16,743	20,933	$21,399	20,419	$25,145
Leavers	16,788	15,959	16,688	20,702	16,167	24,184
Completers	3,733	14,006	4,245	23,594	4,252	28,217
Associates	2,732	15,884	2,983	25,170	2,987	29,356
AAS	1,610	16,573	1,886	28,110	1,873	32,873
Diploma	734	12,158	945	21,176	945	26,792
Certificate	230	15,507	283	19,747	284	21,172

Note: Median salaries are shown for individuals working all four quarters.
Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS and Iowa Workforce Development, Unemployment Insurance records. See Iowa Department of Education (2008).

Table 12-5: Transfer Analysis

	Cohort	2003		2004		2005	
AA	3,713	2,048	55.2%	2,392	64.4%	2,491	67.1%
AAS	3,631	329	9.1%	447	12.3%	528	14.5%
Non-award	49,895	3,820	7.7%	6,418	12.9%	7,798	15.6%
Total	**57,239**	**6,197**	**10.8%**	**9,257**	**16.2%**	**10,817**	**18.9%**

Note: The methodology shown here differs from the method to calculate transfer in the success rate.
Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS and National Student Clearinghouse. See Laanan, Compton, Starobin, Eggleston, Duree, Friedel, and Evans (2007).

Table 12-6: One-Year Retention Rate of Community College Transfers at Public Universities: 1991–2003 Cohorts

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
SUI	76.3	75.5	73.8	72.2	73.0	77.5	76.4	75.1	74.2	74.0	74.7	77.1	76.1	77.6	74.5	81.7
ISU	78.3	79.0	78.9	76.6	76.9	78.5	78.2	79.4	81.8	80.9	79.4	78.7	76.6	77.0	79.3	78.2
UNI	85.2	83.4	82.7	80.4	79.8	78.9	79.4	81.8	82.0	82.9	80.9	79.8	78.8	79.2	79.9	84.4

Source: State of Iowa Board of Regents (2008), Attachment B.

Table 12-7: Four-Year Graduation Rate of Community College Transfers at Public Universities: 1991–2003 Cohorts

	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
SUI	50.0	49.0	46.2	48.5	50.9	52.7	50.7	53.5	54.7	52.4	57.7	61.4	57.8
ISU	55.6	56.1	52.5	52.7	55.2	57.9	59.0	58.8	62.4	65.1	56.2	59.0	58.5
UNI	63.0	65.8	66.2	61.2	64.6	62.4	64.2	64.9	67.8	64.8	64.2	65.3	65.0

Source: State of Iowa Board of Regents (2008), Attachment B.

Table 12-8: 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, Bureau of Community Colleges, Community College MIS and National Student Clearinghouse.

Table 12-9: New Employment and 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 Colleges.

13 Tuition and Fees

When comparing full-time community college resident tuition in 2008 dollars, the state average increased slightly (0.01 percent) in the 2008-2009 school year from the previous year. From 2004-2005 through the 2008-2009 school year, full-time resident tuition increased 7.2 percent in 2008 dollars, or around 1.4 percent per year. The low tuition actually decreased slightly from the previous year, while the high tuition amount increased 1.7 percent.

When reviewing resident tuition per credit hour in 2008 dollars, the state average increased 0.9 percent in the 2008-2009 school year. Since 2004-2005, the average resident tuition per credit hour has increased 7.3 percent in 2008 dollars, or 1.5 percent per year. The low resident tuition per credit hour amount has increased 6.9 percent since 2004-2005, while the high amount has increased 8.1 percent during that same time period.

The examination of the annual full-time fees in 2008 dollars indicates that the state average actually fell to $281, or 7.9 percent from 2007-2008. Overall, the state average has fallen 10.2 percent since 2004-2005, or an average of 2.0 percent in 2008 dollars per year.

The high amount of annual full-time fees has decreased 2.5 percent since 2004-2005, or 0.5 percent per year.

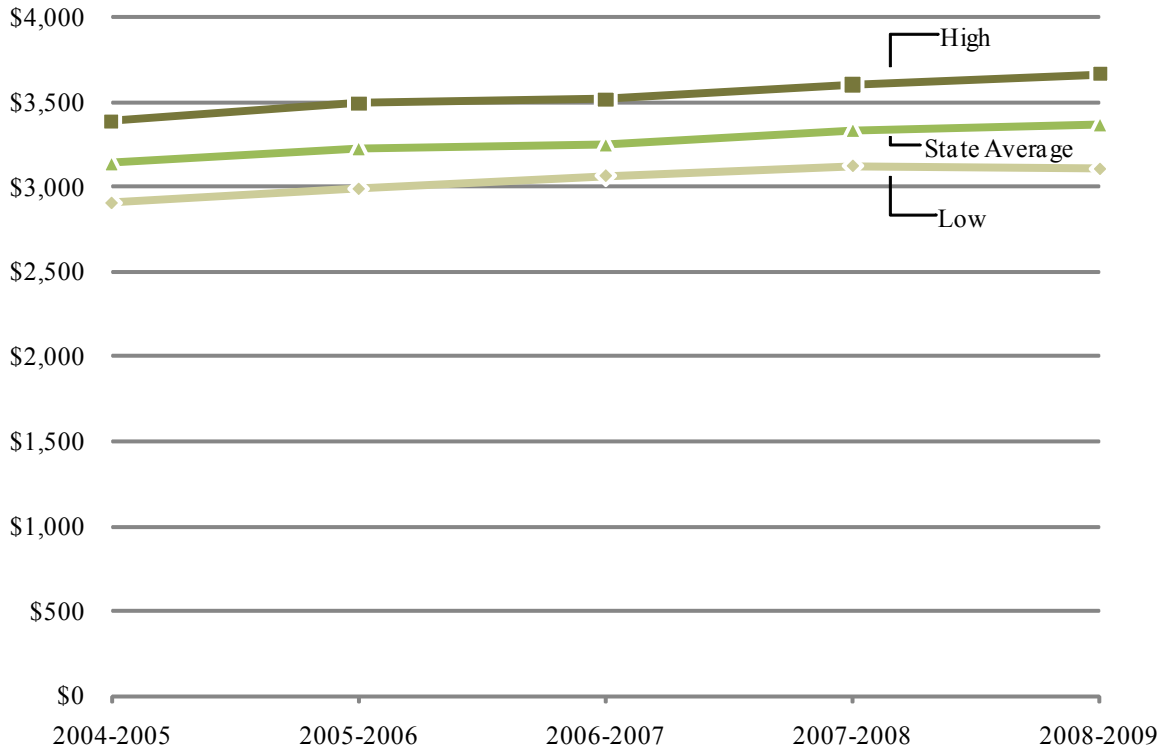
Tuition and Fees

Full-Time Resident Tuition: $3,368	Increase Since Last Year: 1.0%
Average Annual Fees: $281	Decrease Since Last Year: 7.9%

Comparison to National Average

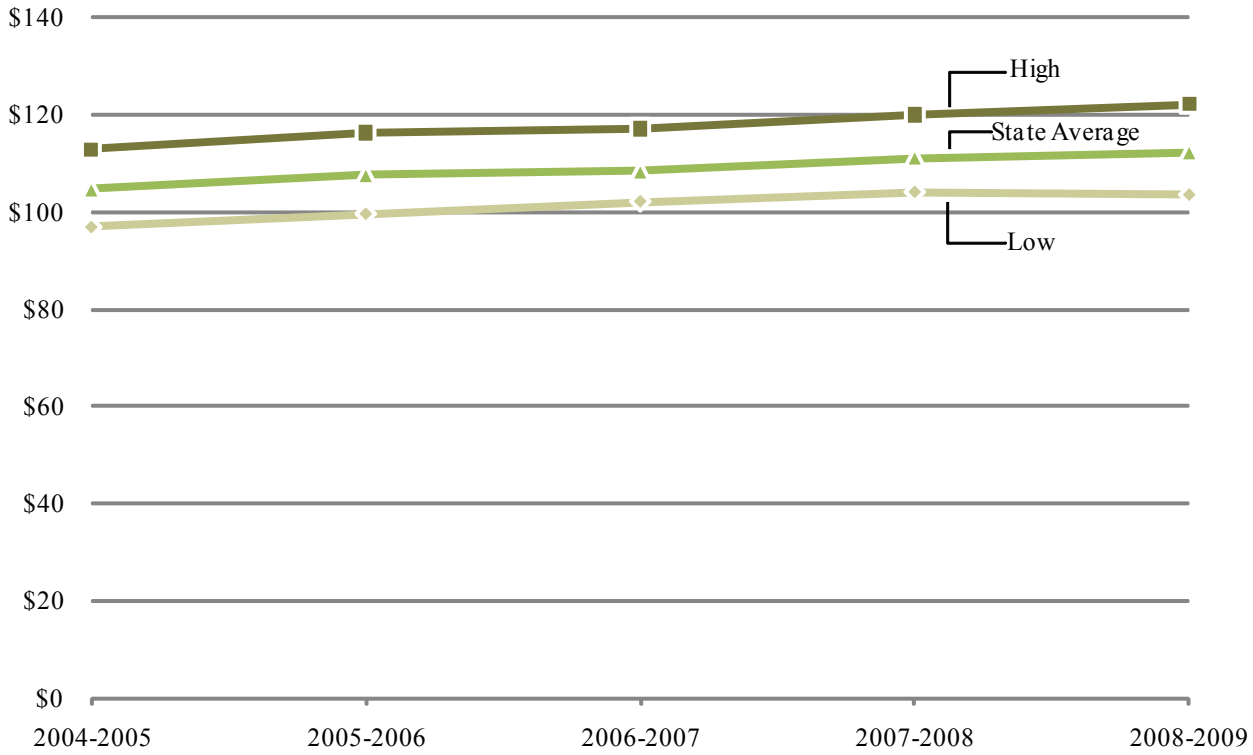
The following information uses data from *The Chronicle of Higher Education, Almanac Issue 2007-2008.* This

Figure 13-1: Adjusted Full-time Resident Tuition: 2005-2009



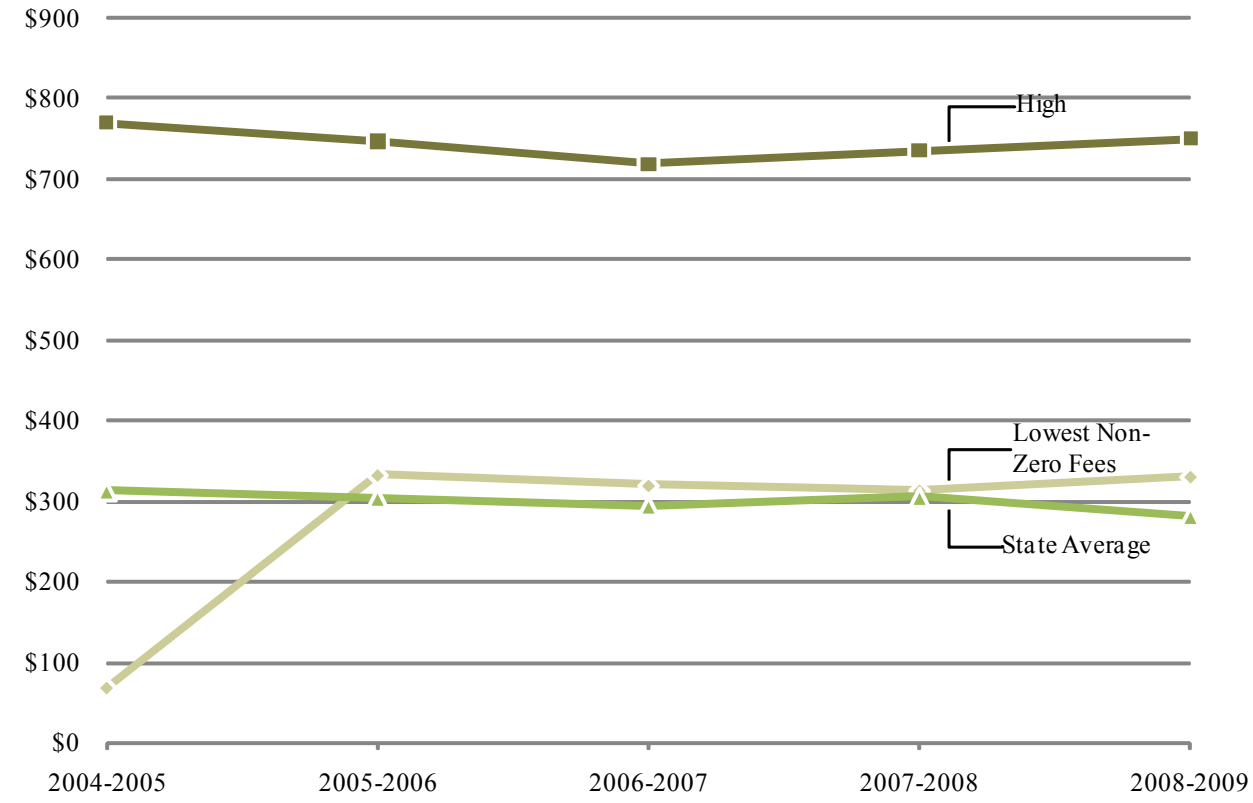
Source: Iowa Department of Education,Bureau of Community Colleges, Table 13-2

Figure 13-2: Adjusted Resident Tuition per Credit Hour: 2005-2009



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

Figure 13-3: Adjusted Annual Full-time Fees: 2005-2009



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

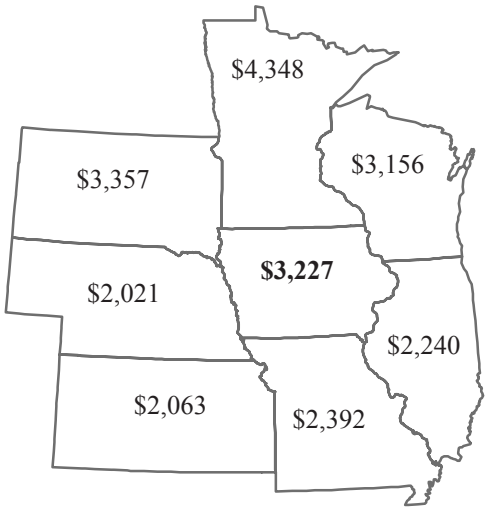
report provides data through 2006, which is the most recent national higher education tuition data available. The information will differ from the previous sections as the *Chronicle* data is based on information supplied to the U.S. Department of Education and includes student fees. Iowa Department of Education tables are based on information provided and verified by Iowa Community Colleges to the Division of Community Colleges and Workforce Preparation.

In comparison to the state average community college tuition and fees, the national average has increased at a faster rate from 2002-2006 when compared in 2008 dollars (Figure 13-4). The national average has increased 25 percent during that time while the state average increased 15 percent. The state average increased 1.4 percent from 2005 to 2006, while the national average increased 0.8 percent during that same time period.

Regional Comparison

A regional comparison of tuition and fees in 2008 dollars shows that Iowa ranked as the third highest state in the region in terms of tuition and fees costs in 2006 (Figure 13-5, Figure 13-6). However, from 2002-2006 only Nebraska and South Dakota's tuition and fees grew at a slower rate than Iowa's. During that time Iowa's tuition and fees increased 15 percent, or 3 percent on average per year.

Figure 13-5: Adjusted Average Tuition and Fees, Iowa and Surrounding States: 2006

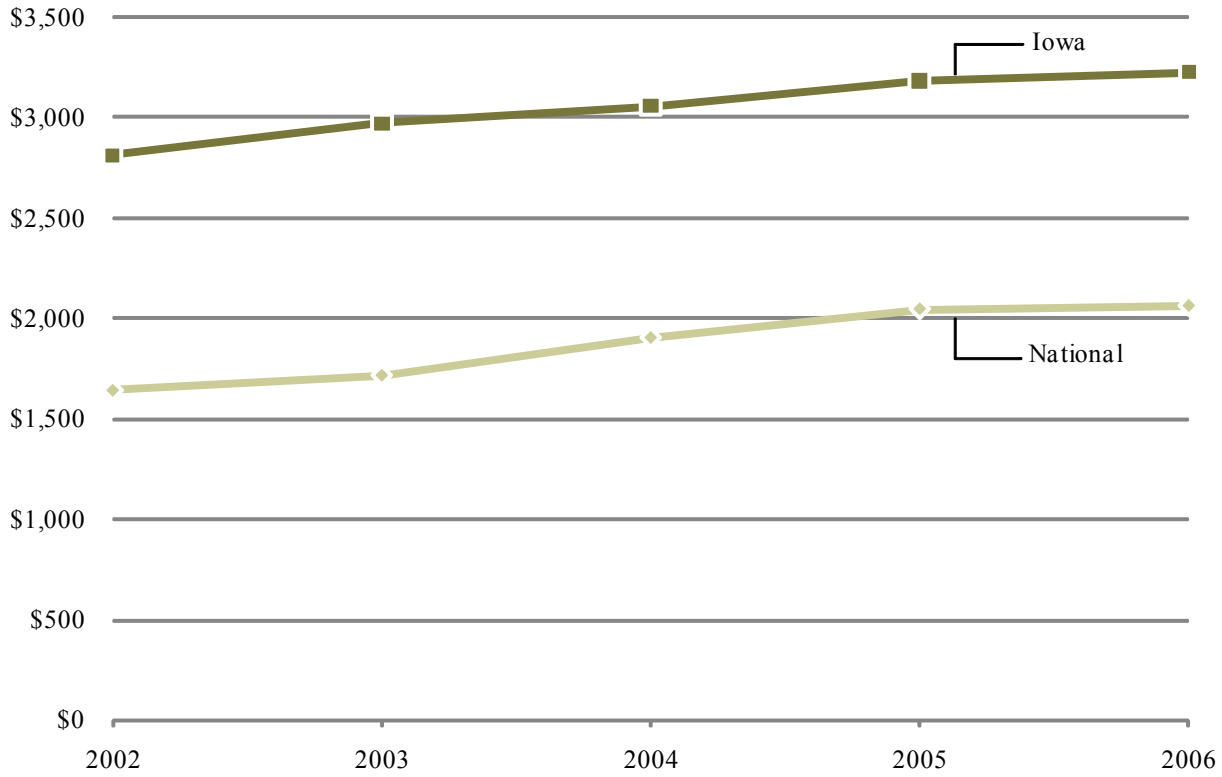


SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-7.

Comparison to Public Universities

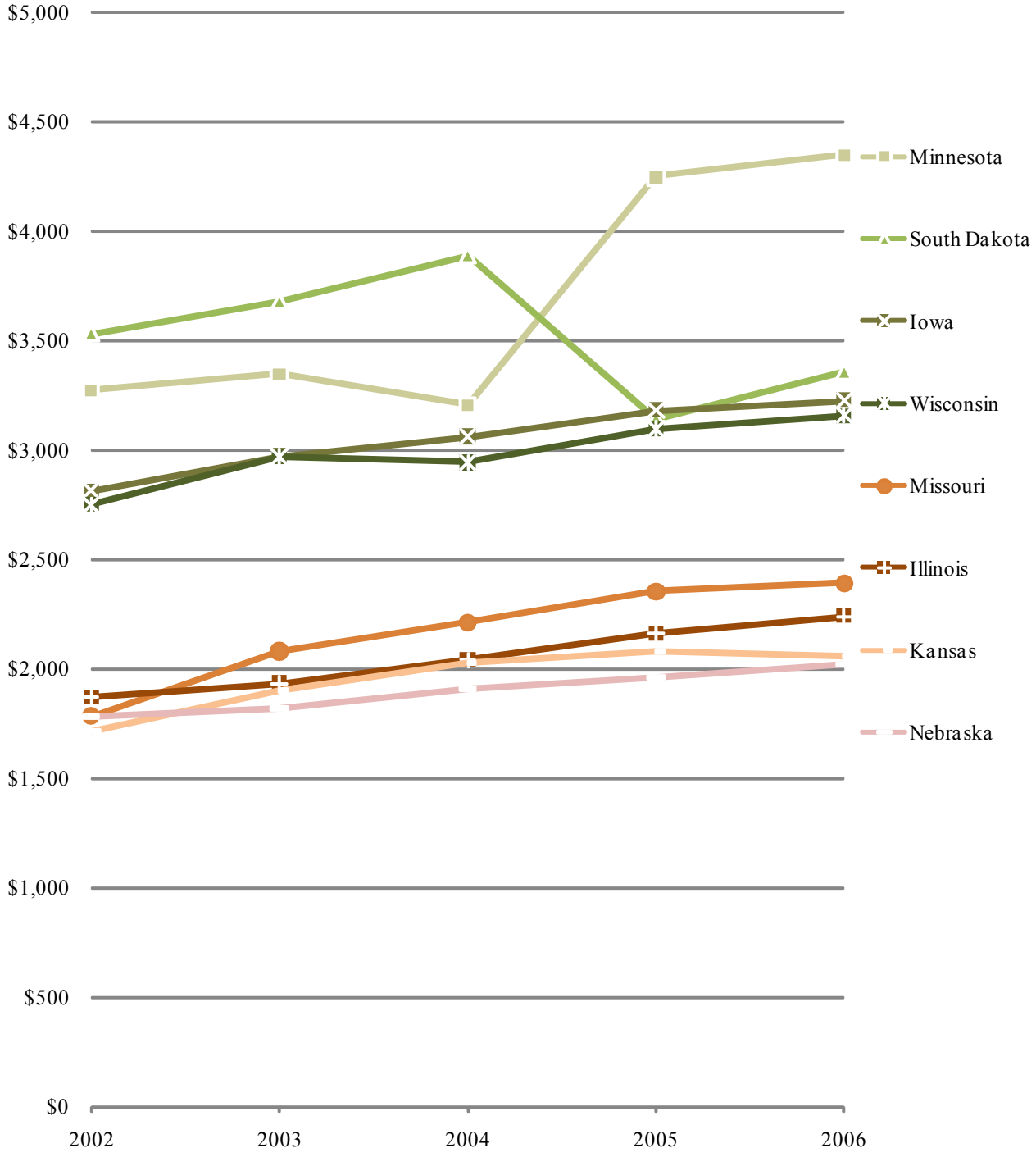
Iowa Code limits the total tuition for Iowa residents attending community colleges so as not to exceed the lowest tuition rate per semester charged by a Regent

Figure 13-4: Adjusted National and State Average Tuition and Fees: 2002-2006



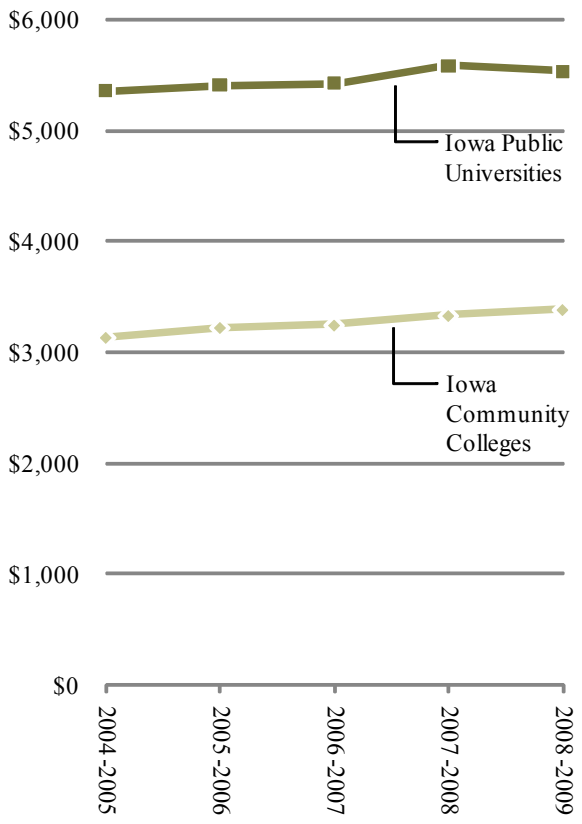
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-7.

Figure 13-6: Adjusted Regional Comparison of Tuition and Fees: 2002-2006



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

Figure 13-6: Adjusted Average Annual Full-time Tuition Rates, Iowa Community Colleges and Public Universities: 2005-2009



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

AVERAGE ANNUAL TUITION 2008-2009

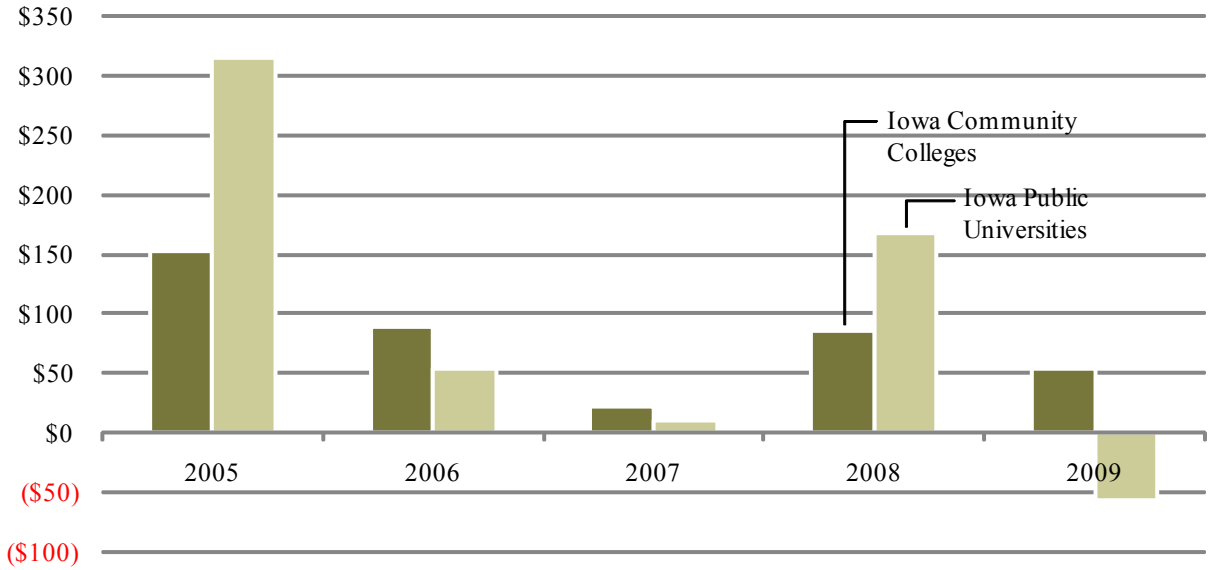
Iowa Community Colleges **$3,390**

Iowa Public Universities **$5,532**

institution for a full-time resident student. When comparing full-time tuition rates in 2008 dollars between community colleges and public four-year universities, an analysis indicates that community college rates increased 8.0 percent from 2004-2009. During that same time period, the Iowa public universities increased 3.2 percent. The community college rates increased 1.6 percent over the previous year, while Regent universities decreased 1.0 percent in 2008 dollars.

In comparing full-time tuition increases between the two in 2008 dollars, an analysis indicates that the community colleges tuition increased $54 from the previous year (Figure 13-7). Public university tuition decreased $57 when adjusting all tuition rates to 2008 dollars. Overall, Iowa public universities have raised tuition rates $489 since 2005 when compared in 2008 dollars, while the community colleges have increased rates $403 during that same time period.

Figure 13-7: Adjusted Annual Full-time Tuition Increase Comparison: 2005-2009



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 13-9.

Table 13-1: Resident Tuition and Fees (12 Credit Hours Per Term): 2007-2008 and 2008-2009 Academic Years

Community College	2007-2008			2008-2009			Change AY 2008-AY 2009			Total Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	$2,760.00	$312.00	$3,072.00	$2,928.00	$312.00	$3,240.00	$168.00	$0.00	$168.00	5.5%
North Iowa Area	2,396.40	294.48	2,690.88	2,485.00	304.80	2,789.80	88.60	10.32	98.92	3.7%
Iowa Lakes	2,712.00	440.00	3,152.00	2,880.00	440.00	3,320.00	168.00	0.00	168.00	5.3%
Northwest Iowa	2,568.00	480.00	3,048.00	2,712.00	264.00	2,976.00	144.00	-216.00	-72.00	-2.4%
Iowa Central	2,448.00	264.00	2,712.00	2,616.00	264.00	2,880.00	168.00	0.00	168.00	6.2%
Iowa Valley - MCC	2,688.00	552.00	3,240.00	2,856.00	624.00	3,480.00	168.00	72.00	240.00	7.4%
Iowa Valley - ECC	2,688.00	564.00	3,252.00	2,856.00	576.00	3,432.00	168.00	12.00	180.00	5.5%
Hawkeye	2,592.00	264.00	2,856.00	2,712.00	264.00	2,976.00	120.00	0.00	120.00	4.2%
Eastern Iowa	2,448.00	0.00	2,448.00	2,568.00	0.00	2,568.00	120.00	0.00	120.00	4.9%
Kirkwood	2,472.00	0.00	2,472.00	2,568.00	0.00	2,568.00	96.00	0.00	96.00	3.9%
Des Moines Area	2,448.00	0.00	2,448.00	2,568.00	0.00	2,568.00	120.00	0.00	120.00	4.9%
Western Iowa Tech	2,448.00	372.00	2,820.00	2,616.00	372.00	2,988.00	168.00	0.00	168.00	6.0%
Iowa Western	2,520.00	240.00	2,760.00	2,664.00	264.00	2,928.00	144.00	24.00	166.00	6.0%
Southwestern	2,652.00	288.00	2,940.00	2,652.00	288.00	2,940.00	0.00	0.00	0.00	0.0%
Indian Hills[1]	2,664.00	0.00	2,664.00	2,832.00	0.00	2,832.00	168.00	0.00	168.00	6.3%
Southeastern	2,568.00	0.00	2,568.00	2,760.00	0.00	2,760.00	192.00	0.00	192.00	7.5%
State Average[2]	**$2,558.96**	**$234.17**	**$2,910.21**	**$2,694.47**	**$224.85**	**$2,919.19**	**$135.51**	**($9.31)**	**$126.06**	**4.6%**
Std. Dev. (CC)	$112.31	$195.84	$264.82	$129.96	$196.64	$280.16	$45.76	$57.05	$73.76	2.49
Iowa Regents[4]	**$5,360.00**	**$848.11**	**$6,208.11**	**$5,532.00**	**$888.00**	**$6,420.00**	**$172.00**	**$39.89**	**$211.89**	**3.4%**
Std. Dev. (Regents)	11.31	36.50	47.36	11.31	62.57	73.83	0.00	28.13	28.13	0.43

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued July 27; Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

[2] The calculations above were performed as follows: a.) Iowa Valley MCC & ECC were combined and an average was calculated for the college. b) All college's that charged fees were combined for a grand total of fees charged. c) The total of fees charged was divided by the number of college's charging fees to arrive at a state average fee.

[3] Tuition Increases only.

[4] Average Regents' Tuition.

NOTE: Not all fees charged by a college are included in the above calculations. The above calculations only include the fees charged per semester hour that apply to all students. Other fees may be charged including fees for labs and fees for special classes (correspondence, internet, etc).

Table 13-2: Resident Tuition and Fees (15 Credit Hours Per Term): 2007-2008 and 2008-2009 Academic Years

Community College	2007-2008			2008-2009			Change AY2008-AY2009			Total Percent Increase
	Tuition	Fees	Total	Tuition	Fees	Total	Tuition	Fees	Total	
Northeast Iowa	$3,450.00	$390.00	$3,840.00	$3,660.00	$390.00	$4,050.00	$210.00	$0.00	$210.00	5.5%
North Iowa Area	2,995.50	368.10	3,363.60	3,106.50	381.00	3,487.50	111.00	12.90	123.90	3.7%
Iowa Lakes	3,390.00	545.00	3,935.00	3,600.00	545.00	4,145.00	210.00	0.00	210.00	5.3%
Northwest Iowa	3,210.00	600.00	3,810.00	3,390.00	330.00	3,720.00	180.00	-270.00	-90.00	-2.4%
Iowa Central	3,060.00	330.00	3,390.00	3,270.00	330.00	3,600.00	210.00	0.00	210.00	6.2%
Iowa Valley - MCC	3,360.00	690.00	4,050.00	3,570.00	780.00	4,350.00	210.00	90.00	300.00	7.4%
Iowa Valley - ECC	3,360.00	705.00	4,065.00	3,570.00	720.00	4,290.00	210.00	15.00	225.00	5.5%
Hawkeye	3,240.00	330.00	3,570.00	3,390.00	330.00	3,720.00	150.00	0.00	150.00	4.2%
Eastern Iowa	3,060.00	0.00	3,060.00	3,210.00	0.00	3,210.00	150.00	0.00	150.00	4.9%
Kirkwood	3,090.00	0.00	3,090.00	3,210.00	0.00	3,210.00	120.00	0.00	120.00	3.9%
Des Moines Area	3,060.00	0.00	3,060.00	3,210.00	0.00	3,210.00	150.00	0.00	150.00	4.9%
Western Iowa Tech	3,060.00	465.00	3,525.00	3,270.00	465.00	3,735.00	210.00	0.00	210.00	6.0%
Iowa Western	3,150.00	300.00	3,450.00	3,330.00	330.00	3,660.00	210.00	30.00	210.00	6.1%
Southwestern	3,315.00	360.00	3,675.00	3,315.00	360.00	3,675.00	0.00	0.00	0.00	0.0%
Indian Hills[1]	3,330.00	0.00	3,330.00	3,540.00	0.00	3,540.00	210.00	0.00	210.00	6.3%
Southeastern	3,210.00	0.00	3,210.00	3,450.00	0.00	3,450.00	240.00	0.00	240.00	7.5%
State Average[2]	**$3,198.70**	**$234.17**	**$3,637.26**	**$3,368.10**	**$224.85**	**$3,648.83**	**$169.40**	**($11.64)**	**$173.94**	**4.6%**
Std. Dev. (CC)	$140.38	$244.50	$330.63	$162.43	$245.50	$349.78	$57.91	$71.31	$92.27	2.49
Iowa Regents[4]	**$5,360.00**	**848.11**	**$6,208**	**$5,532.00**	**888.00**	**6,420**	**$172.00**	**39.89**	**211.89**	**3.4%[3]**
Std. Dev. (Regents)	11.31	36.50	47.36	11.31	62.57	73.83	0.00	28.13	28.13	0.43

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges, Tuition and Fees Report, Issued July 27; Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

[1] Semester credits for three 12 week terms. Eight credits per term equals 12 per semester. (10/term equals 15/sem.)

[2] The calculations above were performed as follows: a) Iowa Valley MCC & ECC were combined and an average was calculated for the college. b) All college's that charged fees were combined for a grand total of fees charged. c) The total of fees charged was divided by the number of college's charging fees to arrive at a state average fee.

[3] Tuition Increases only.

[4] Average Regents' Tuition.

NOTE: Not all fees charged by a college are included in the above calculations. The above calculations only include the fees charged per semester hour that apply to all students.

Other fees may be charged including fees for labs and fees for special classes (correspondence, internet, etc).

Table 13-3: Resident Tuition per Credit Hour: 2007-2008 and 2008-2009 Academic Years

Community College	2007-2008 Tuition Per Semester Hour	2008-2009 Tuition Per Semester Hour	Increase Per Hour FY2007-FY2008	Year - 12 Hours / Semester	Year - 15 Hours / Semester	Tuition Percent Increase
Northeast Iowa	$115.00	$122.00	$7.00	$2,928.00	$3,660.00	6.1%
North Iowa Area	99.85	103.55	3.70	2,485.20	3,106.50	3.7%
Iowa Lakes	113.00	120.00	7.00	2,880.00	3,600.00	6.2%
Northwest Iowa	107.00	113.00	6.00	2,712.00	3,390.00	5.6%
Iowa Central	102.00	109.00	7.00	2,616.00	3,270.00	6.9%
Iowa Valley - MCC	112.00	119.00	7.00	2,856.00	3,570.00	6.3%
Iowa Valley - ECC	112.00	119.00	7.00	2,856.00	3,570.00	6.3%
Hawkeye	108.00	113.00	5.00	2,712.00	3,390.00	4.6%
Eastern Iowa	102.00	107.00	5.00	2,568.00	3,210.00	4.9%
Kirkwood	103.00	107.00	4.00	2,568.00	3,210.00	3.9%
Des Moines Area	102.00	107.00	5.00	2,568.00	3,210.00	4.9%
Western Iowa Tech	102.00	109.00	7.00	2,616.00	3,270.00	6.9%
Iowa Western	105.00	111.00	6.00	2,664.00	3,330.00	5.7%
Southwestern	110.50	110.50	0.00	2,652.00	3,315.00	0.0%
Indian Hills[2]	111.00	118.00	7.00	2,832.00	3,540.00	6.3%
Southeastern	107.00	115.00	8.00	2,760.00	3,450.00	7.5%
State Average	**$106.62**	**$112.27**	**$5.65**	**$2,694.48**	**$3,368.10**	**5.3%**
Std. Dev. (CC)	$4.68	$5.41	$1.91	$129.94	$162.43	1.72
Iowa Regents[3]	**$5,360.00**	**$5,532.00**	**$172.00**	**$5,532.00**	**$5,532.00**	**3.2%**
Std. Dev. (Regents)	11.31	36.50	47.36	11.31	62.57	73.83

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges, Tuition and Fees Report, issued July 2007; Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

[1] Where there is no tuition cap, the maximum number of hours for which tuition may be charged without exceeding Regents' tuition.

[2] Semester credits for three 12 week terms. Eight credits per term equals 12 per semester. (10/term equals 15/sem)

[3] Average total base tuition for the Regents.

Table 13-4: Resident Tuition and Fees per Credit Hour: 2008-2009 Academic Year

Community College	Tuition for 15 Credits Per Term	Fees for 15 Credits Per Term	Total Tuition and Fees for 15 Credits Per Term	Tuition and Fees Per Credit Hour
Northeast Iowa	$3,660.00	$390.00	$4,050.00	$135.00
North Iowa Area	3,106.50	381.00	3,487.50	116.25
Iowa Lakes	3,600.00	545.00	4,145.00	138.17
Northwest Iowa	3,390.00	330.00	3,720.00	124.00
Iowa Central	3,270.00	330.00	3,600.00	120.00
Iowa Valley - MCC	3,570.00	780.00	4,350.00	145.00
Iowa Valley - ECC	3,570.00	720.00	4,290.00	143.00
Hawkeye	3,390.00	330.00	3,720.00	124.00
Eastern Iowa	3,210.00	0.00	3,210.00	107.00
Kirkwood	3,210.00	0.00	3,210.00	107.00
Des Moines Area	3,210.00	0.00	3,210.00	107.00
Western Iowa Tech	3,270.00	465.00	3,735.00	124.50
Iowa Western	3,330.00	330.00	3,660.00	122.00
Southwestern	3,315.00	360.00	3,675.00	122.50
Indian Hills	3,540.00	0.00	3,540.00	118.00
Southeastern	3,450.00	0.00	3,450.00	115.00
State Average[1]	**$3,368.10**	**280.73**	**3,648.83**	**121.36**
Standard Deviation	$162.43	224.51	349.78	11.66

SOURCE: Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

(1) All State Averages are calculated based on 15 community colleges. In the calculation for average fees, Iowa Valley Community College District is included as an average of Marshalltown and Ellsworth community colleges.

Table 13-5: Non-Resident Tuition per Credit Hour: 2007-2008 and 2008-2009 Academic Years

Community College	2007-2008 Tuition Per Semester Hour	2008-2009 Tuition Per Semester Hour	Increase Per Hour 2008-2009	Year - 12 Hours / Semester	Year - 15 Hours / Semester	Tuition Percent Increase
Northeast Iowa	$115.00	$122.00	$7.00	$2,928.00	$3,660.00	6.1%
North Iowa Area	149.78	155.33	5.55	3,727.92	4,659.90	3.7%
Iowa Lakes	115.00	122.00	7.00	2,928.00	3,660.00	6.1%
Northwest Iowa	148.00	148.00	0.00	3,552.00	4,440.00	0.0%
Iowa Central	153.00	163.50	10.50	3,924.00	4,905.00	6.9%
Iowa Valley - MCC	140.00	149.00	9.00	3,576.00	4,470.00	6.4%
Iowa Valley - ECC	140.00	149.00	9.00	3,576.00	4,470.00	6.4%
Hawkeye	162.00	169.50	7.50	4,068.00	5,085.00	4.6%
Eastern Iowa	153.00	160.50	7.50	3,852.00	4,815.00	4.9%
Kirkwood	206.00	132.00	-74.00	3,168.00	3,960.00	-35.9%
Des Moines Area	204.00	214.00	10.00	5,136.00	6,420.00	4.9%
Western Iowa Tech	133.00	133.00	0.00	3,192.00	3,990.00	0.0%
Iowa Western	157.50	166.50	9.00	3,996.00	4,995.00	5.7%
Southwestern	142.50	142.50	0.00	3,420.00	4,275.00	0.0%
Indian Hills[1]	167.00	177.00	10.00	4,248.00	5,310.00	6.0%
Southeastern	119.00	120.00	1.00	2,880.00	3,600.00	0.8%
State Average	**$150.99**	**$151.66**	**$0.67**	**$3,639.73**	**$4,549.66**	**0.4%**

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges, Tuition and Fees Report, issued July 2007; Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

[1] Semester credits for three 12 week terms. Eight credits per term equals 12 per semester. (10/term equals 15 sem)

Table 13-6: Recurring Fees for Full-time Students: 2008-2009 Academic Year

College	Amount	Per	Purpose	Year, 12 Credits Per Term	Year, 15 Credits Per Term
Northeast Iowa	$13.00	Sem Hr.	General	$312.00	$390.00
North Iowa Area	$3.00	Sem Hr.	Student Activity	$72.00	$90.00
	$9.70	Sem Hr.	Materials/Lab/Supply	$232.80	$291.00
				$304.80	$381.00
Iowa Lakes	$0.75	Sem Hr.	Processing	$18.00	$22.50
	$10.00	Term (F/T)	Base Activity	$20.00	$20.00
	$2.25	Sem Hr.	Activity	$54.00	$67.50
	$6.25	Sem Hr.	General	$150.00	$187.50
	$8.00	Sem Hr.	Technology	$192.00	$240.00
	$0.25	Sem Hr. (F/T)	Noel Levitz/Learning Styles Analysis	$6.00	$7.50
				$440.00	$545.00
Northwest Iowa	$4.00	Sem Hr.	Student Fee	$96.00	$120.00
	$7.00	Sem Hr.	Technology Fee	$168.00	$210.00
				$264.00	$330.00
Iowa Central	$11.00	Sem Hr.	Student Fee	$264.00	$330.00
Iowa Valley					
(Marshalltown CC)	$17.00	Sem Hr.	Materials & Technology Fee	$408.00	$510.00
	$7.00	Sem Hr.	Student/Distance Learning/Facility Fee	$168.00	$210.00
				$576.00	$720.00
(Ellsworth CC)	$17.00	Sem Hr.	Materials & Technology Fee	$408.00	$510.00
	$9.00	Sem Hr.	Student/Distance Learning/Facility Fee	$216.00	$270.00
				$624.00	$780.00
Hawkeye	$4.00	Sem Hr.	Service	$96.00	$120.00
	$4.50	Sem Hr.	Computer	$108.00	$135.00
	$2.50	Sem Hr.	Activity	$60.00	$75.00
				$264.00	$330.00
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
				$372.00	$465.00
Iowa Western	$11.00	Sem Hr.	Student Activity Fee	$264.00	$330.00
Southwestern	$9.00	Sem Hr.	Service/Technology	$216.00	$270.00
	$3.00	Sem Hr.	Activity	$72.00	$90.00
				$288.00	$360.00
Indian Hills	None				
Southeastern	None				

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges, Tuition and Fees Report, issued July 2007; Electronic 2008-2009 tuition survey data submitted by Iowa Community Colleges and compiled by the Iowa Department of Education.

NOTE: This is not an all inclusive listing of fees charged by the individual community colleges. The fees listed above include all fees charged to each student. Other fees such as lab fees or special class fees may be charged by the individual community college.

Table 13-7: Adjusted National and Regional Comparison of Average Tuition and Fees: 2002-2006

State	2002	2003	2004	2005	2006	Change 2002-2006	Average Change 2002-2006
Minnesota	$3,273	$3,346	$3,205	$4,249	$4,348	$1,075	5.8%
South Dakota	3,533	3,679	3,891	3,144	3,357	(175)	-1.0%
Iowa	2,815	2,973	3,061	3,183	3,227	412	2.8%
Wisconsin	2,753	2,968	2,944	3,095	3,156	403	2.8%
Missouri	1,785	2,082	2,211	2,355	2,392	606	6.0%
Illinois	1,870	1,931	2,042	2,161	2,240	370	3.7%
Kansas	1,717	1,905	2,032	2,083	2,063	345	3.7%
Nation	1,644	1,718	1,903	2,044	2,060	416	4.6%
Nebraska	1,785	1,820	1,912	1,961	2,021	236	2.5%

SOURCE: 2007-2008 Academic Year, Iowa Community Colleges Tuition and Fees Report issued July 2007. *The Chronicle of Higher Education Almanac Issue 2007-2008.*

Table 13-8: Comparison of Adjusted Annual Full-Time Tuition Rates with Iowa Public Universities: 2005-2009

Institution	2004-2005	2005-2006	2006-2007	2007-2008	2008-2009
Iowa Community Colleges	$3,139	$3,228	$3,250	$3,336	$3,390
Iowa Public Universities	5,359	5,413	5,422	5,589	5,532

SOURCE: 2007-2008 Academic Year Iowa Community Colleges Tuition and Fees Report, issued July 2007; Electronic 2008-2009 tuition survey data submitted by Iowa community colleges and compiled by the Iowa Department of Education; Regent university data obtain from the Iowa Board of Regents' website.

Table 13-9: Comparison of Adjusted Annual Average Full-Time Tuition Increases with Iowa Public Universities: 2005-2009

	2005		2006		2007		2008		2009	
Institution	Increase over prior year		Increase over prior year		Increase over prior year		Increase over prior year		Increase over prior year	
Iowa Community Colleges	$152	5.1%	$89	2.8%	$22	0.7%	$86	2.7%	$54	1.6%
Iowa Public Universities	315	6.2%	54	1.0%	10	0.2%	167	3.1%	(57)	-1.0%

SOURCE: 2007-2008 Academic Year Iowa Community Colleges Tuition and Fees Report, issued July 2007; Electronic 2008-2009 tuition survey data submitted by Iowa community colleges and compiled by the Iowa Department of Education; Regent university data obtain from the Iowa Board of Regents' website.

14 Financial Aid

This year, the Condition of Iowa's Community Colleges report includes dollar amounts adjusted for inflation. Inflation-adjusted (adjusted) amounts 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.

• • •

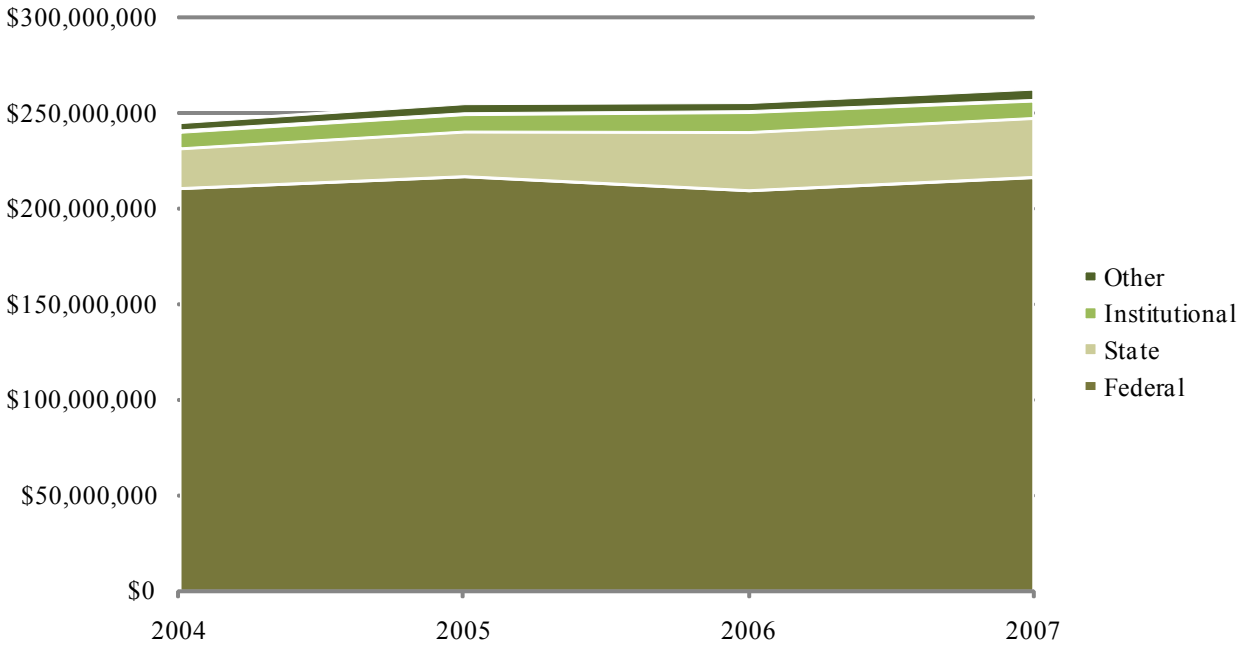
Iowa community college students receive financial aid from federal, state, institutional, and other sources. Student financial aid includes grants, scholarships, and loans. The *Chronicle of Higher Education Almanac* Issue 2008-2009 reports that the State of Iowa spent a total of $55,535,000 on student aid for need-based students, no funds on student aid for non-need-based students, and $6,050,000 on non-grant student aid in fiscal year 2007.

In analyzing aid by source in 2008 dollars, federal aid has grown 2.7 percent from 2004-2007. State aid has increased 47.8 percent, institutional aid by 4.4 percent, and other aid by 34.2 percent during that same time period (Figure 14-1).

Community college students received approximately 12.0 percent of all financial aid distributed to students enrolled in postsecondary institutions in fiscal year 2007 (Figure 14-2). In 2007, Iowa community college students received $252,151,412 in financial aid -- 82.5 percent of which was from federal sources (Figure 14-1 and Figure 14-3). State sources accounted for 11.8 percent of financial aid received by community college students. Community colleges received 12.0 percent of state financial aid distributed to students. In comparison, public universities received 28.0 percent of state financial aid and independent four-year institutions received 57.5 percent.

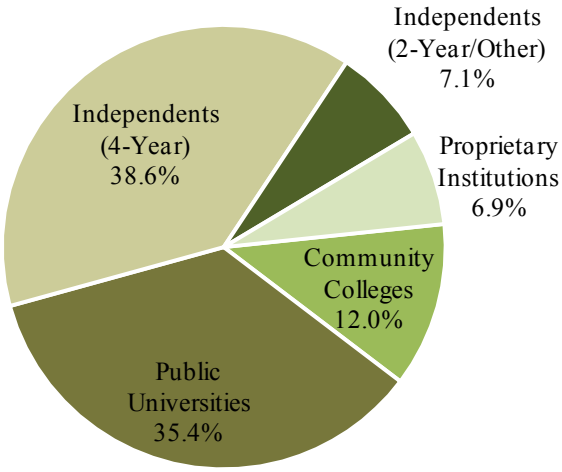
After adjusting these numbers into 2008 dollars, Iowa community college students received $90,025,427 in grants and scholarships and $169,313,390 in student loans (Figures 14-4 and 14-5). Total grants and scholarships decreased 2.6 percent from fiscal year 2006 to fiscal year 2007. During the same period, student loans increased 6.4 percent.

Figure 14-1: Adjusted Student Aid, By Source: 2004-2007



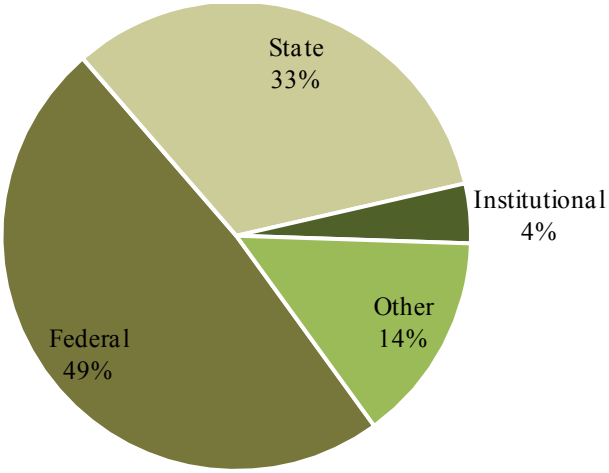
Source: Iowa College Student Aid Commission, Table 14-1.

Figure 14-2: Student Financial Aid, By Sector: 2007



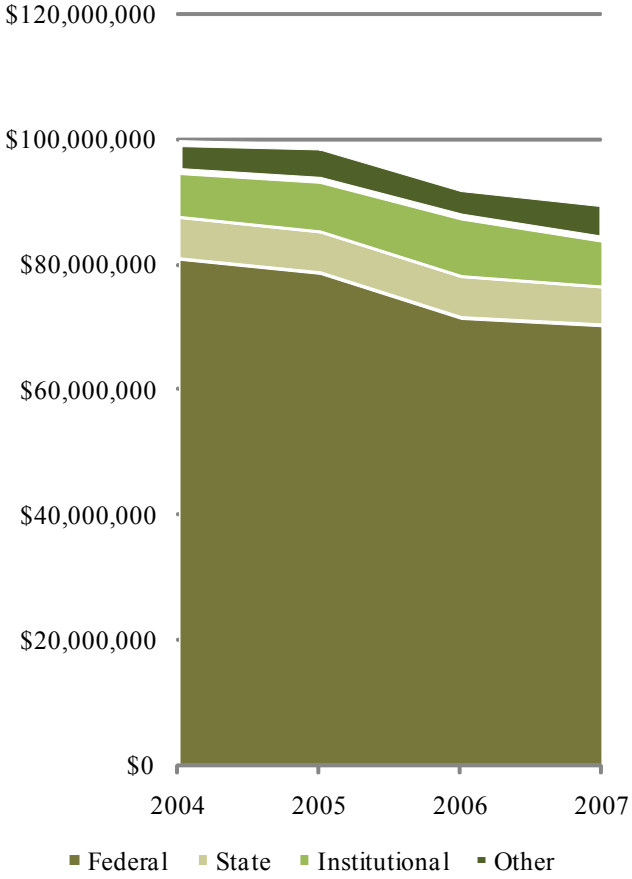
SOURCE: Iowa Department of Education, Bureau of Community Colleges and Career and Technical Education, Table 14-2.

Figure 14-3: Community College Student Financial Aid, by Source: 2007



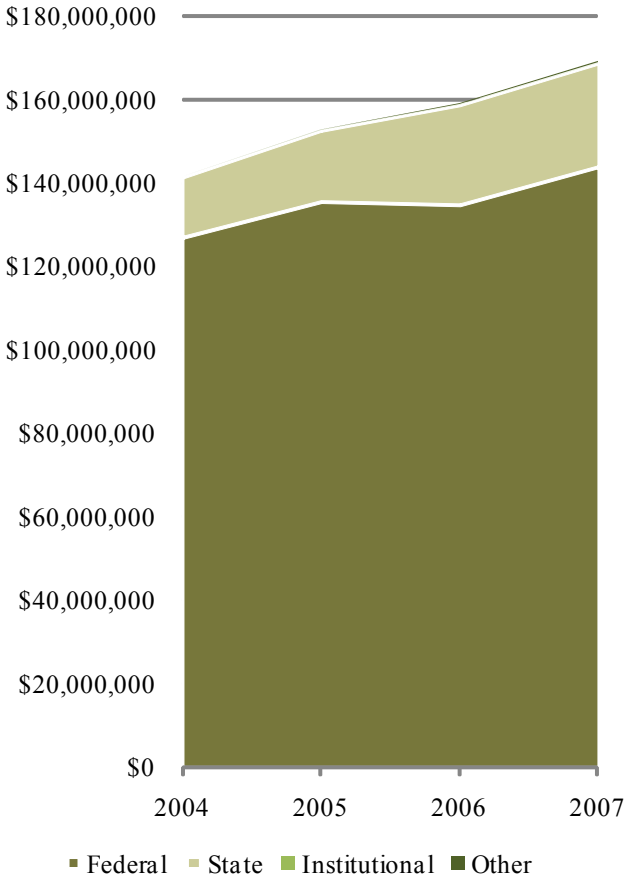
SOURCE: Iowa Department of Education, Bureau of Community Colleges and Career and Technical Education, Table 14-1.

Figure 14-4: Scholarships/Grants for Students - Adjusted, by Source: 2004-2007



SOURCE: Iowa Department of Education, Bureau of Community Colleges and Career and Technical Education, Table 14-4.

Figure 14-5: Loans for Students - Adjusted, by Source: 2004-2007



SOURCE: Iowa Department of Education, Bureau of Community Colleges and Career and Technical Education, Table 14-5.

Table 14-1: Distribution of Community College Student Aid, by Source: 2004-2007

Source	2004		2005		2006		2007	
Federal	$185,365,548	20.8%	$196,422,467	20.8%	$197,405,935	21.3%	$208,089,657	17.8%
State	$18,401,960	9.8%	$21,283,841	10.5%	$28,733,010	11.6%	$29,731,820	12.0%
Institutional	$7,562,179	1.7%	$8,145,813	1.6%	$9,754,042	1.8%	$8,626,703	1.5%
Other	$3,887,245	6.5%	$4,804,639	5.3%	$4,472,009	4.8%	$5,703,232	5.3%
Total	**$215,216,932**	**13.5%**	**$230,656,760**	**13.2%**	**$240,364,996**	**13.2%**	**$252,151,412**	**12.0%**

SOURCE: Iowa College Student Aid Commission.

Table 14-2: Distribution of Student Aid (Percentage), by Sector of Postsecondary Education, by Source: 2007

Source	Community Colleges	Public Universities	Independents (4-Year)	Independents (2-Year/Other)	Proprietary Institutions	Total
Federal	17.8%	32.7%	26.2%	12.4%	10.8%	100.00%
State	12.0%	28.0%	57.5%	0.2%	2.2%	100.00%
Institutional	1.5%	39.4%	57.8%	0.3%	1.0%	100.00%
Other	5.3%	60.4%	27.5%	1.4%	5.3%	100.00%
Total	**12.0%**	**35.4%**	**38.6%**	**7.1%**	**6.9%**	**100.00%**

SOURCE: Iowa College Student Aid Commission.

Table 14-3: Distribution of Student Aid, by Sector of Postsecondary Education, by Source: 2007

	Federal	State	Institutional	Other	Total
Community Colleges	$208,089,657	$29,731,820	$8,626,703	$5,703,232	$252,151,412
Public Universities	383,353,496	69,551,570	226,710,632	64,626,193	744,241,891
Independents (4-Year)	306,959,860	142,740,682	332,157,260	29,478,516	811,336,318
Independents (2-Year/Other)	145,674,447	583,346	1,593,000	1,544,818	149,395,611
Proprietary Institutions	126,925,180	5,552,441	5,977,074	5,722,343	144,177,038
Total	**1,171,002,640**	**248,159,859**	**575,064,669**	**107,075,102**	**2,101,302,270**

SOURCE: Iowa College Student Aid Commission.

Table 14-4: Non-Repayable Community College Student Aid (Grants and Scholarships), by Source: 2004-2007

Source	2004		2005		2006		2007	
Federal	$71,195,935	43.4%	$71,269,523	44.5%	$67,318,518	44.0%	$67,577,879	41.8%
State	5,837,434	9.8%	5,944,242	9.6%	6,218,932	9.4%	5,868,655	8.7%
Institutional	6,446,404	2.0%	7,483,066	2.0%	9,047,047	2.2%	7,458,980	1.7%
Other	3,887,245	9.1%	4,786,887	10.0%	4,261,130	8.7%	5,424,720	9.4%
Total	**87,367,018**	**14.7%**	**89,483,718**	**13.8%**	**86,845,627**	**12.6%**	**86,330,234**	**11.8%**

SOURCE: Iowa College Student Aid Commission.

Table 14-5: Community College Student Loans, by Source: 2004-2007

Source	2004		2005		2006		2007	
Federal	$111,572,163	16.1%	$122,679,793	16.4%	$126,832,730	17.1%	$138,269,404	14.3%
State	12,564,526	9.7%	15,339,599	10.9%	22,472,521	12.4%	23,806,020	13.2%
Institutional (long-term only)	19,393	0.3%	27,103	0.6%	21,506	0.4%	9,799	0.2%
Other	0	0.0%	17,752	0.0%	210,879	0.5%	278,512	0.6%
Total	**124,156,082**	**14.7%**	**138,064,247**	**14.8%**	**149,537,636**	**15.4%**	**162,363,735**	**13.5%**

SOURCE: Iowa College Student Aid Commission.

15 Financial

This year the Condition of Iowa's Community Colleges *report began adjusting dollar amounts for inflation. Inflation adjusted (adjusted) amounts permit a comparison between fiscal years. Adjustments are made from the U.S. Bureau of Labor Service's Consumer Price Index for Urban Consumers (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.*

• • •

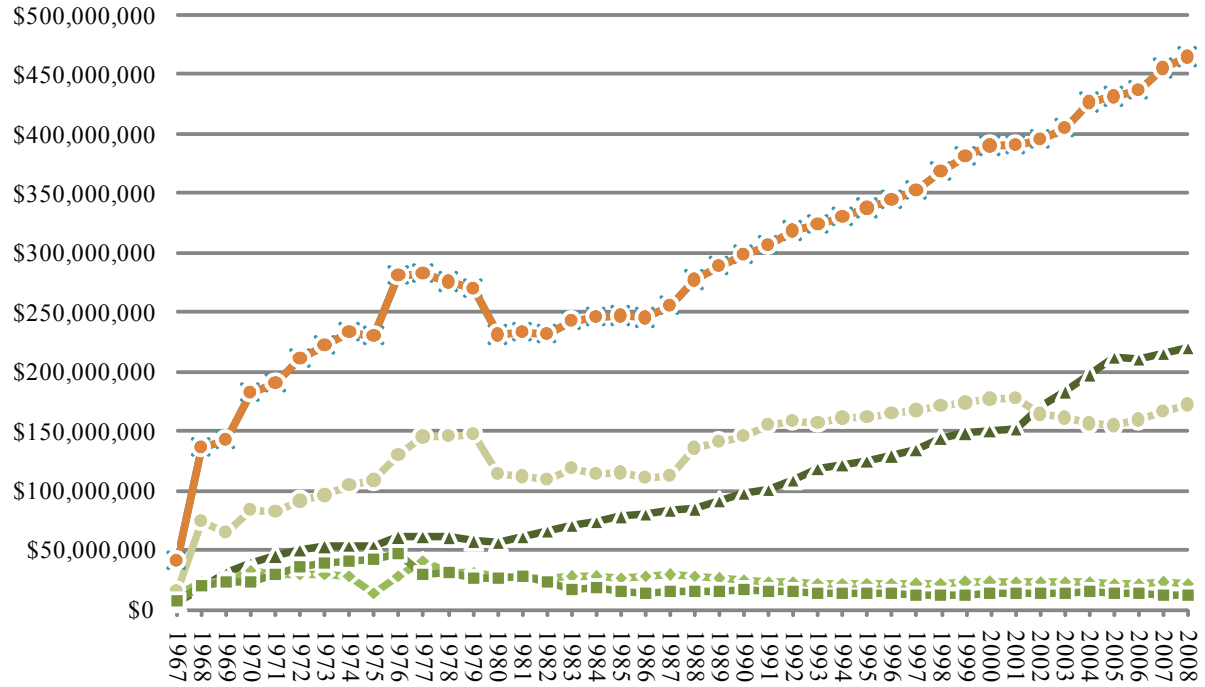
The total Fund 1 Unrestricted General Fund revenues increased $28,307,827 in fiscal year 2008 from the prior year. This increase in revenue consisted, in part, from a 7.8 percent increase in State General Aid (SGA), a 6.8 percent increase in other income, and a 6.4 percent increase in tuition and fees. The other income category includes revenue sources such as sales and services such as housing and rental of college property, miscellaneous receipts such as interest and transfers into Fund 1, and other state aid.

Tuition and fees (47.5%) was the largest source of revenue for the community colleges with SGA following at 37 percent. Local and federal sources of revenue continue to decrease as a percentage of the overall Unrestricted General Fund revenue, falling to 4.7 and 2.5 percent, respectively.

Since the inception of 15 community college districts in 1967, the source of revenue has shifted substantially. Beginning in 1967, these institutions were primarily state funded. Over time, this has shifted to a situation where tuition and fees now constitute just under half of the total Unrestricted General Fund revenue.

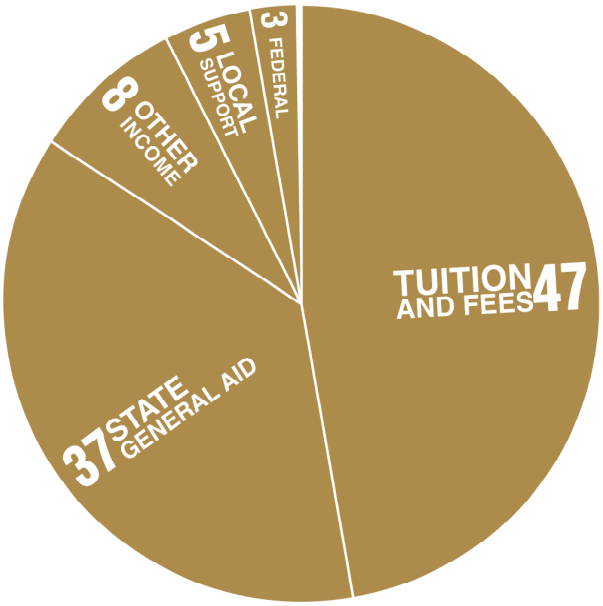
Total revenues, adjusted to 2008 dollars, have shown an overall increase of nine percent from 2004 through 2008, or an average of 1.8 percent in real dollars per year (Figure 15-1). During this time (2004–2008), tuition and fees revenue has shown a real dollar increase of 11.7 percent and SGA has increased 10.2 percent. In contrast local revenue has decreased 6.5 percent in real dollars, and federal support has decreased 20 percent since fiscal year 2004.

Figure 15-1: Adjusted Unrestricted General Fund Revenue by Source: 1965-2008



Note: Amounts are adjusted for inflation to 2008 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: 2008



SOURCE: Iowa Department of Education, Bureau of Community College, 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 2008 increased $28,799,634 from the previous year. The increase in expenditures included a 10.4 percent increase in services, a seven percent increase in salaries and benefits, and a 6.1 percent increase in current expenses. Capital outlay expenditures decreased 30.6 percent from fiscal year 2007.

Total Unrestricted General Fund Expenditures, adjusted to 2008 dollars, has increased 11 percent from 2004 through 2008, or an average of 2.2 percent per year in real dollars. During this time period (2004-2008) salary expenditures has increased 10.5 percent, service expenditures has increased 25.8 percent, and materials, supplies, and travel have increased 20 percent, all in real dollars. Capital outlays have decreased 43 percent in real dollars since fiscal year 2004.

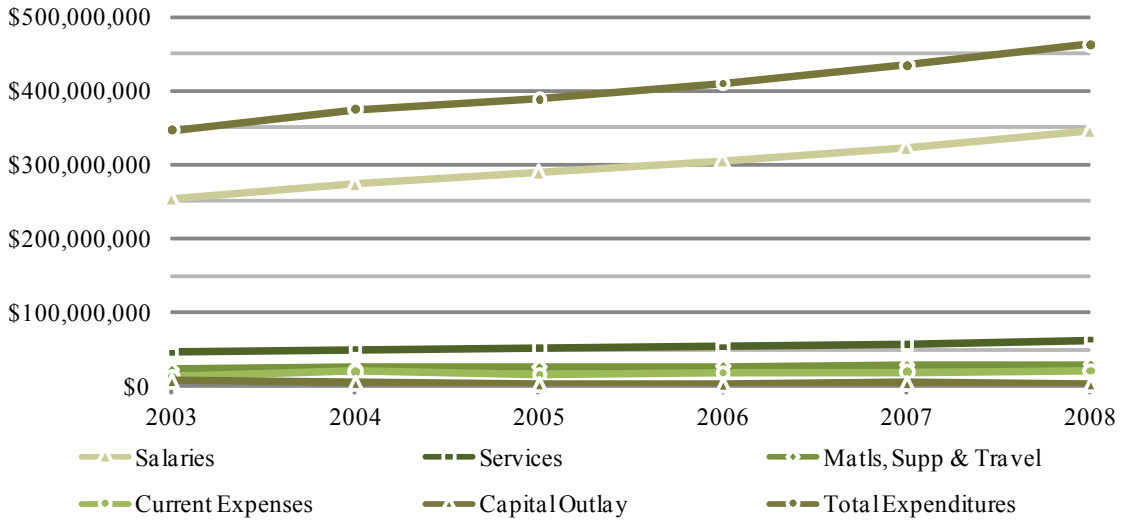
The services categories are defined below:

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.

Nearly 75 percent of all expenditures are for salaries and benefits. This category continues to be the largest source of expenses for all colleges and its share of total expenditures has grown over the last five years.

Unrestricted General Fund Expenditures by Function

Figure 15-3: Adjusted Unrestricted General Fund Expenditures: 2008



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

Total Unrestricted General Fund expenditures by function, adjusted to 2008 dollars, increased in expenditures from fiscal year 2007 of 1.4 percent in arts and sciences, 2.9 percent in vocational/technical, 0.5 percent in adult education, 0.5 percent in cooperative programs/services, 5.8 percent in administration, 4.3 percent in student services, and five percent in general institution functions. Expenditures in the learning resources and physical plant function decreased by 2.8 percent and 0.6 percent respectively from the previous year.

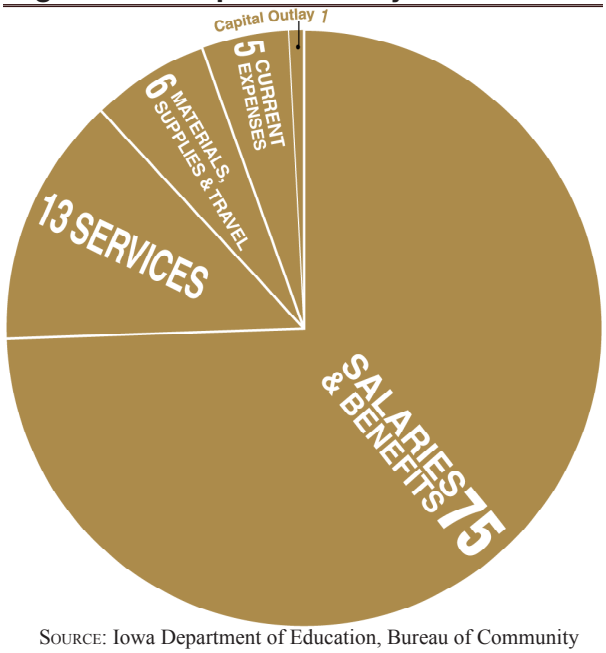
From 2004 through 2008, in 2008 dollars, the arts and sciences function experienced a 15.1 percent increase in expenditures, the vocational/technical function a 10.3 percent increase, the administration function a 12.5 percent increase, and student services a 17.3 percent increase. In contrast, adult education expenditures decreased 5.8 percent and the learning resources expenditures were reduced by 1.7 percent during the same time period between 2004 and 2008.

The vocational/technical function continues to be the largest source of expenditures in fiscal year 2008 at 24.9 percent. This function is followed by the arts and sciences function at 22.9 percent. Adult education has shown the biggest decrease over the last five years, from 10.5 percent of expenditures in fiscal year 2004 to 9.1 percent in fiscal year 2008.

The function categories are defined below:

1. 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).
2. Career/Vocational Technical – all organizational units designed to provide vocational, technical, and semi-professional training.
3. 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.
4. 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.
5. Administration – all expenses of the Community College Board of Trustees, the CEO, and business office, which serves the entire community college.
6. Student Services – all organizational units, which are primarily concerned with providing services for students.
7. Learning Resources – all organizational units, which provide for storage, distribution, and use of educational materials throughout the entire community college.
8. Physical Plant – all organizational units, which are responsible for the operation and maintenance of the community college's physical facilities.
9. General Institution – all other expenses except those included in the above functions. Some examples include institutional development, data processing, general printing, communication, alumni affairs, early retirement, and telecommunications.

Figure 15-4: Expenditures by Source: 2008



SOURCE: Iowa Department of Education, Bureau of Community College, Annual Report, Unrestricted General Fund AS-15E, Fund 1. See Table 15-5.

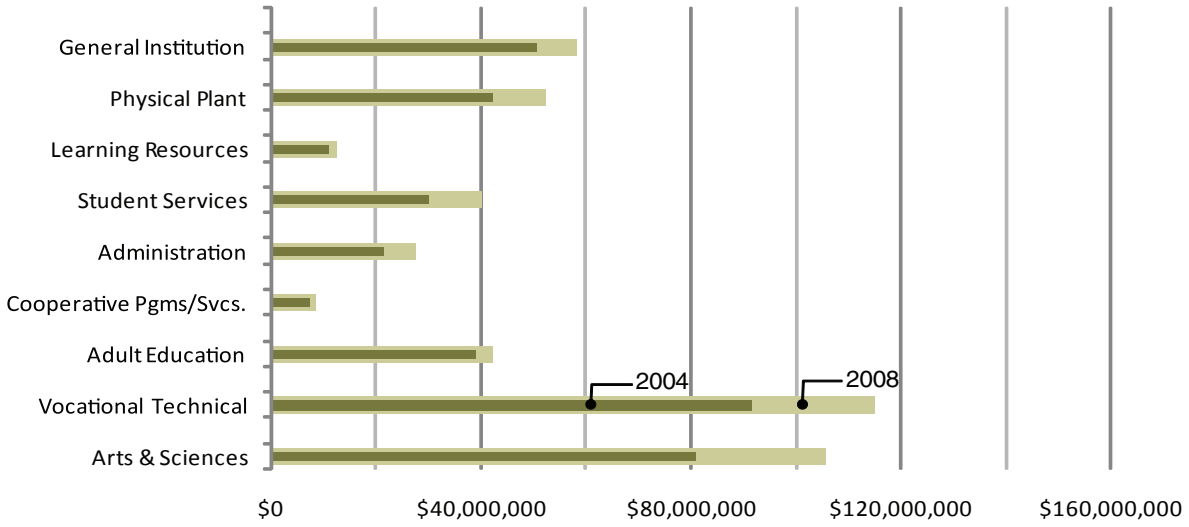
Unrestricted General Fund Revenues vs. Expenditures

Both revenues and expenditures have increased each year over the last five years. After adjusting for inflation and adjusting each year into 2008 dollars, revenue grew by 2.1 percent from fiscal year 2007 to fiscal year 2008 and expenditures grew by 3.1 percent. The increase in expenditures outpaced the growth in revenue in fiscal year 2008. Since fiscal year 2004, Unrestricted General Fund revenues have grown 9.1 percent while Unrestricted General Fund expenditures have grown 11 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

Figure 15-5: Adjusted General Fund Expenditures by Function: 2004-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Annual Report, Unrestricted General Fund AS-15E, Fund 1 2008, Table 15-14.

deadlines, the enrollment used to calculate SGA is two years behind the year of the aid (i.e., fiscal year 2008 enrollments are used to calculate fiscal year 2010 SGA). Twenty-four (24) credit semester hours equals one FTEE, while 600 non-credit contact hours equals one FTEE. As Figure 15-6 shows, the proportion of FTEE generated by non-credit contact hours has decreased over the past five years.

FTEE totals have increased overall from fiscal year 2004 through fiscal year 2008 by 4,813.57. This represents a 5.6 percent increase during this time, or an average of 1.1 percent per year. The fiscal year 2008 total represented a 1.2 percent increase (1,018.06) from the previous year.

As a percentage of FTEE, the credit portion accounted for 86.5 percent of the total in fiscal year 2008. This represents an increase of .31% from the previous year and has grown from 85.5 percent in fiscal year 2004.

The non-credit portion of FTEE continues to decline in fiscal year 2008. The non-credit portion of the FTEE represented 13.5 percent of the total in fiscal year 2008, down 0.31 percent from the previous year, and down from 14.5 percent in fiscal year 2004.

Figure 15-6: Expenditures by Function: 2008

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

State General Aid (SGA)

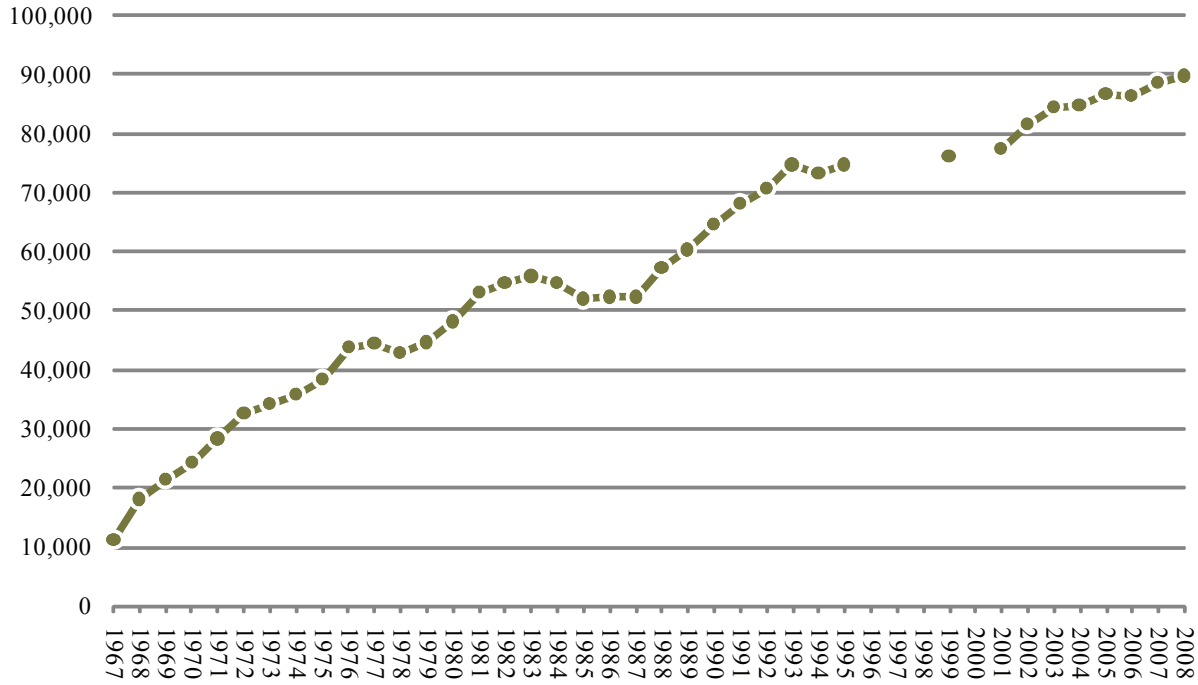
The fiscal year 2008 SGA amount was $171,962,414. This represented an increase of $12,383,170, or 7.8% over the previous year. After adjusting previous SGA amounts into 2008 dollars, the SGA has decreased 2.9% in real dollars since fiscal year 2000.

Unrestricted General Fund Revenue and Expenditure Per FTEE

Unrestricted General Fund revenue per FTEE, after adjusting to 2008 dollars, indicates that overall amounts per FTEE have increased 3.2% from FY 2004 through FY 2008. This averages out to a 0.63% increase per year. Fiscal year 2008 revenue per FTEE was one percent greater then fiscal year 2007.

The Unrestricted General Fund expenditures per FTEE, after adjusting to 2008 dollars, show that the total per FTEE has increased 5 percent since fiscal year 2004. This represents an average increase per year of 1 percent. The fiscal year 2008 expenditure per FTEE amount increased 1.9 percent from the previous year.

Figure 15-6: Full-Time Equivalent Enrollment (FTEE): 1967-2008



SOURCE: FTEE between 1996 and 1998 are not available. SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E. See Table 15-15 through 15-19 and www.iowa.gov/educate for historical amounts.

Figure 15-7: State General Aid: 1967-2008

SOURCE: FTEE between 1996 and 1998 are not available. SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS. See Table 15-20 and www.iowa.gov/educate for historical amounts.

Table 15-1: Unrestricted Fund Revenue by Source: 2004

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	$9,662,675	$1,456,466	$6,650,811	$837,249	$690,138	$19,297,339
North Iowa Area	6,991,633	951,609	7,812,271	522,267	2,189,305	18,467,085
Iowa Lakes	6,772,503	716,842	7,257,423	469,795	1,046,039	16,262,602
Northwest	2,875,918	531,864	3,547,274	253,947	274,181	7,483,184
Iowa Central	9,500,496	1,174,302	7,421,336	511,460	588,131	19,195,725
Iowa Valley	6,921,166	690,019	6,875,727	233,967	1,353,613	16,074,492
Hawkeye	10,724,074	1,197,666	9,920,760	930,993	652,554	23,426,047
Eastern Iowa	13,421,621	1,868,589	12,201,815	1,576,390	1,293,947	30,362,362
Kirkwood	30,151,023	2,839,452	19,149,218	2,153,188	2,471,440	56,764,321
Des Moines Area	22,609,525	4,611,083	20,324,204	1,362,446	4,879,299	53,786,557
Western Iowa Tech	9,814,804	1,114,526	8,007,145	1,051,902	1,502,627	21,491,004
Iowa Western	9,576,626	1,185,257	8,233,761	530,694	1,004,961	20,531,299
Southwestern	2,989,771	428,291	3,589,571	303,912	556,814	7,868,359
Indian Hills	9,290,401	824,449	11,295,119	957,813	1,373,514	23,741,296
Southeastern	6,599,430	622,383	6,299,245	521,797	374,307	14,417,162
Total	**$157,901,666**	**$20,212,798**	**$138,585,680**	**$12,217,820**	**$20,250,870**	**$349,168,834**

NOTE: 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 "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-2: Unrestricted Fund Revenue by Source: 2005

College	Tuition & Fees	Local	State General Aid	Federal	Other Income	Total
Northeast	$11,884,883	$1,449,495	$6,717,355	$929,154	$693,713	$21,674,600
North Iowa Area	7,997,617	892,425	7,859,917	428,798	1,885,441	19,064,198
Iowa Lakes	8,533,588	693,915	7,295,985	459,486	1,878,232	18,861,206
Northwest	3,318,471	472,497	3,569,332	279,976	487,795	8,128,071
Iowa Central	11,248,558	1,003,712	7,499,287	641,361	846,733	21,239,651
Iowa Valley	9,052,099	644,121	6,918,909	258,208	1,587,426	18,460,763
Hawkeye	12,179,000	1,212,445	10,008,601	918,500	616,724	24,935,270
Eastern Iowa	15,051,382	1,882,795	12,311,409	1,346,498	2,010,154	32,602,238
Kirkwood	35,155,614	2,931,936	19,369,288	2,358,034	3,530,613	63,345,485
Des Moines Area	32,188,865	4,843,246	20,524,506	1,458,871	5,766,882	64,782,370
Western Iowa Tech	11,157,451	1,063,864	8,084,396	1,020,094	2,481,961	23,807,766
Iowa Western	12,209,707	1,122,289	8,298,918	523,566	970,831	23,125,311
Southwestern	3,463,586	422,338	3,612,936	287,038	599,129	8,385,027
Indian Hills	10,431,661	770,942	11,362,216	897,099	1,728,398	25,190,316
Southeastern	8,135,643	566,989	6,346,191	589,455	490,047	16,128,325
Total	**$192,008,125**	**$19,973,009**	**$139,779,246**	**$12,396,138**	**$25,574,079**	**$389,730,597**

NOTE: 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 "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-3: 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 (8.53%), Sales & Services (15.10%), and Other Income (76.37%). Figures rounded to the nearest whole dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-t4: 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 (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, Bureau of Community Colleges, AS-15E.

Table 15-5: 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 (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, Bureau of Community Colleges, AS-15E.

Table 15-6: Expenditues by Category: 2004

College	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	$17,562,241	$1,908,742	$996,889	$199,552	$122,453	$20,789,877
North Iowa Area	12,862,757	3,038,746	1,394,397	219,889	653,849	18,169,638
Iowa Lakes	12,943,316	2,129,327	1,188,613	865,443	510,978	17,637,677
Northwest	5,768,897	1,076,847	527,547	250,000	84,776	7,708,067
Iowa Central	14,637,051	2,668,396	1,831,981	565,456	69,041	19,771,925
Iowa Valley	12,091,626	3,734,294	727,926	971,074	45,221	17,570,141
Hawkeye	18,102,842	3,001,017	2,457,099	504,084	176,129	24,241,171
Eastern Iowa	23,438,191	4,582,806	1,321,329	848,964	901,419	31,092,709
Kirkwood	43,380,642	7,937,756	3,578,891	2,960,489	1,606,615	59,464,393
Des Moines Area	45,950,291	7,201,248	5,029,537	4,901,016	408,372	63,490,464
Western Iowa Tech	15,744,644	2,768,430	1,505,276	1,853,307	111,202	21,982,859
Iowa Western	14,706,943	3,696,592	1,314,693	1,287,549	475,843	21,481,620
Southwestern	6,157,030	1,128,402	630,546	122,841	76,602	8,115,421
Indian Hills	19,475,772	3,050,493	1,619,428	4,110,280	29,429	28,285,402
Southeastern	11,135,524	1,926,472	890,536	804,006	70,939	14,827,477
Total	**$273,957,767**	**$49,849,568**	**$25,014,688**	**$20,463,950**	**$5,342,868**	**$374,628,841**

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: 2005

College	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	$18,627,661	$1,868,734	$936,069	$37,366	$89,049	$21,558,879
North Iowa Area	13,164,348	3,174,548	1,612,973	741,370	345,495	19,038,734
Iowa Lakes	14,288,425	2,357,744	1,389,051	687,877	118,606	18,841,703
Northwest	5,993,747	1,044,884	539,544	465,262	54,237	8,097,674
Iowa Central	14,993,018	2,862,777	2,061,639	970,615	222,264	21,110,313
Iowa Valley	13,161,651	3,601,815	821,244	1,213,507	29,579	18,827,796
Hawkeye	19,509,307	3,173,057	1,717,172	329,381	205,215	24,934,132
Eastern Iowa	23,717,252	5,674,274	1,386,648	810,520	790,849	32,379,543
Kirkwood	46,156,311	7,822,391	4,507,396	2,845,179	1,066,388	62,397,665
Des Moines Area	49,664,872	6,084,008	5,406,270	3,403,925	213,535	64,772,610
Western Iowa Tech	16,493,865	3,355,461	1,454,937	2,050,942	229,573	23,584,778
Iowa Western	15,917,429	3,912,035	1,617,826	1,365,463	196,292	23,009,045
Southwestern	6,419,344	1,259,634	597,372	113,990	0	8,390,340
Indian Hills	19,708,311	3,017,969	1,573,174	402,576	13,785	24,715,815
Southeastern	11,568,273	2,349,388	989,131	1,164,465	23,859	16,095,116
Total	**$289,383,814**	**$51,558,719**	**$26,610,446**	**$16,602,438**	**$3,598,726**	**$387,754,143**

NOTE: Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-8: Expenditues by Category: 2006

College	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	$19,427,513	$2,251,392	$914,120	$810,576	$72,079	$23,475,680
North Iowa Area	14,621,298	3,543,725	1,525,659	1,061,236	73,530	20,825,448
Iowa Lakes	14,868,241	2,694,804	1,220,385	968,583	174,828	19,926,841
Northwest	6,677,552	1,113,428	749,677	1,083,318	60,391	9,684,366
Iowa Central	17,369,040	4,457,761	2,249,823	1,258,636	226,766	25,562,026
Iowa Valley	13,947,569	3,313,030	1,045,654	1,209,170	60,488	19,575,911
Hawkeye	22,040,496	3,599,027	1,419,778	265,813	310,713	27,635,827
Eastern Iowa	25,639,945	6,152,399	1,903,465	816,836	894,659	35,407,304
Kirkwood	52,067,346	8,911,903	5,234,232	3,205,273	2,096,871	71,515,625
Des Moines Area	57,681,116	5,976,027	6,181,019	3,356,926	311,312	73,506,400
Western Iowa Tech	17,171,482	3,866,042	1,468,083	2,082,400	84,932	24,672,939
Iowa Western	18,447,729	3,826,973	1,683,896	2,112,436	262,932	26,333,966
Southwestern	7,002,023	1,455,056	688,414	286,310	25,754	9,457,557
Indian Hills	22,465,613	3,240,536	1,994,225	673,556	169,935	28,543,865
Southeastern	12,969,277	2,397,409	1,136,613	793,065	172,220	17,468,584
Total	**$322,396,240**	**$56,799,512**	**$29,415,043**	**$19,984,134**	**$4,997,410**	**$433,592,339**

NOTE: Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-9: Expenditures by Category: 2007

College	Salaries	Services	Matls, Supp & Travel	Current Expenses	Capital Outlay	Total
Northeast	$19,427,513	$2,251,392	$914,120	$810,576	$72,079	$23,475,680
North Iowa Area	14,621,298	3,543,725	1,525,659	1,061,236	73,530	20,825,448
Iowa Lakes	14,868,241	2,694,804	1,220,385	968,583	174,828	19,926,841
Northwest	6,677,552	1,113,428	749,677	1,083,318	60,391	9,684,366
Iowa Central	17,369,040	4,457,761	2,249,823	1,258,636	226,766	25,562,026
Iowa Valley	13,947,569	3,313,030	1,045,654	1,209,170	60,488	19,575,911
Hawkeye	22,040,496	3,599,027	1,419,778	265,813	310,713	27,635,827
Eastern Iowa	25,639,945	6,152,399	1,903,465	816,836	894,659	35,407,304
Kirkwood	52,067,346	8,911,903	5,234,232	3,205,273	2,096,871	71,515,625
Des Moines Area	57,681,116	5,976,027	6,181,019	3,356,926	311,312	73,506,400
Western Iowa Tech	17,171,482	3,866,042	1,468,083	2,082,400	84,932	24,672,939
Iowa Western	18,447,729	3,826,973	1,683,896	2,112,436	262,932	26,333,966
Southwestern	7,002,023	1,455,056	688,414	286,310	25,754	9,457,557
Indian Hills	22,465,613	3,240,536	1,994,225	673,556	169,935	28,543,865
Southeastern	12,969,277	2,397,409	1,136,613	793,065	172,220	17,468,584
Total	**$322,396,240**	**$56,799,512**	**$29,415,043**	**$19,984,134**	**$4,997,410**	**$433,592,339**

NOTE: Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
Source: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-10: Expenditues by Category: 2008

College	Salaries	Services	Matls, 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 "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-11: Expenditues by Function: 2004

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	$3,533,534|||	$7,058,907|||||||	$2,134,535||	$2,257,054||	$842,823	$1,309,805|	$418,955	$1,089,330|	$2,144,934||	$20,789,877
North Iowa Area	5,271,902|||||	2,807,868||	3,259,949|||	62,546	1,195,542|	2,131,804||	475,198	1,773,743|	1,191,086|	18,169,638
Iowa Lakes	4,879,702||||	2,963,651||	783,478	1,290,784|	786,869	1,208,062|	848,195	2,015,411||	2,861,525||	17,637,677
Northwest	852,846	2,777,801||	711,685	6,634	552,505	637,211	159,700	497,579	1,512,106|	7,708,067
Iowa Central	4,237,896||||	4,149,081||||	2,038,755||	862,769	1,052,090|	2,551,491||	313,241	2,179,716||	2,386,886||	19,771,925
Iowa Valley	4,832,993||||	2,268,569||	2,871,194||	0	1,249,320|	1,669,313|	476,914	2,170,092||	2,031,746||	17,570,141
Hawkeye	5,037,287|||||	6,983,138||||||	1,889,538|	0	1,810,972|	1,179,156|	725,815	2,806,888||	3,808,377|||	24,241,171
Eastern Iowa	7,507,469|||||||	6,858,570||||||	3,707,733|||	730,651	1,240,214|	2,989,252||	1,093,924|	3,527,701|||	3,437,195|||	31,092,709
Kirkwood	14,775,758||||||||||||||	15,216,616||||||||||||||	6,692,856||||||	101,576	3,380,569|||	3,300,820|||	1,934,307|	9,324,976||||||||	4,736,915||||	59,464,393
Des Moines Area	13,654,805|||||||||||||	15,476,229||||||||||||||	8,622,369|||||||	278,845	2,578,400||	4,709,923||||	2,362,648||	5,748,379|||||	10,058,866|||||||||	63,490,464
Western Iowa Tech	2,835,778||	6,810,893||||||	1,506,126|	329,063	1,328,371|	1,379,428|	282,947	3,155,331|||	4,354,922||||	21,982,859
Iowa Western	4,398,958||||	4,674,834||||	1,853,062|	758,204	1,848,876|	1,761,134|	290,140	3,099,936|||	2,796,476||	21,481,620
Southwestern	1,931,031|	1,974,349|	671,027	0	751,354	822,880	163,479	1,149,449|	651,852	8,115,421
Indian Hills	3,658,786|||	8,053,176||||||||	2,071,085||	57,860	1,442,788|	2,923,878||	938,187	2,661,212||	6,478,430||||||	28,285,402
Southeastern	3,328,977|||	3,569,143|||	488,053	738,550	1,357,301|	1,464,735|	582,183	1,204,565|	2,093,970||	14,827,477
Total	**$80,737,722**	**$91,642,825**	**$39,301,445**	**$7,474,536**	**$21,417,994**	**$30,038,892**	**$11,065,833**	**$42,404,308**	**$50,545,286**	**$374,628,841**

NOTE: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-12: Expenditues by Function: 2005

College	Arts & Sciences	Vocational Technical	Adult Education	Cooperative Pgms/Svcs.	Administration	Student Services	Learning Resources	Physical Plant	General Institution	Total
Northeast	$4,512,246||||	$7,185,937|||||||	$2,194,661||	$1,958,554|	$523,381	$1,419,896|	$425,061	$1,158,365|	$2,180,778||	$21,558,879
North Iowa Area	5,464,798|||||	2,847,367||	3,035,679|||	39,438	1,118,463|	2,275,293||	508,282	2,281,851||	1,467,563|	19,038,734
Iowa Lakes	5,281,138|||||	3,464,228|||	822,254	1,342,154|	851,444	1,233,978|	906,724	1,583,138|	3,356,645|||	18,841,703
Northwest	951,458	2,898,103||	707,832	12,000	565,264	566,894	162,826	515,655	1,717,642|	8,097,674
Iowa Central	4,302,738||||	4,163,691||||	2,032,125||	1,029,695|	1,215,412|	2,632,341||	327,583	2,512,434||	2,894,294||	21,110,313
Iowa Valley	5,544,317|||||	2,528,050||	3,003,070|||	0	1,402,389|	1,812,990|	489,855	2,191,127||	1,855,998|	18,827,796
Hawkeye	5,286,057|||||	7,152,158|||||||	2,280,434||	0	1,624,575|	1,677,046|	626,729	2,694,817||	3,592,316|||	24,934,132
Eastern Iowa	8,129,048||||||||	6,943,310||||||	3,320,995|||	732,618	1,384,167|	3,063,810|||	1,032,724|	3,560,246|||	4,212,625||||	32,379,543
Kirkwood	16,153,177||||||||||||||||	15,069,171|||||||||||||||	6,936,011||||||	447,369	4,025,404||||	3,601,992|||	2,382,491||	9,126,716||||||||	4,655,334||||	62,397,665
Des Moines Area	15,120,530|||||||||||||||	19,024,354||||||||||||||||||	5,400,099|||||	339,878	2,798,407||	4,937,151||||	2,477,733||	6,795,845||||||	7,878,613|||||||	64,772,610
Western Iowa Tech	3,079,554|||	7,166,741|||||||	1,552,850|	334,912	1,424,510|	1,500,650|	297,428	3,611,242|||	4,616,891||||	23,584,778
Iowa Western	5,031,117|||||	4,729,991||||	1,979,211|	788,945	1,944,791|	2,045,076||	265,210	3,256,651|||	2,968,053||	23,009,045
Southwestern	2,005,706||	1,968,671|	764,106	7,385	751,001	844,068	163,344	1,224,172|	661,887	8,390,340
Indian Hills	3,652,547|||	8,284,121||||||||	1,891,022|	63,587	1,308,123|	2,819,088||	953,797	2,867,063||	2,876,467||	24,715,815
Southeastern	3,407,914|||	3,603,976|||	1,230,256|	765,433	1,219,966|	1,560,873|	586,740	1,354,599|	2,365,359||	16,095,116
Total	**$87,922,345**	**$97,029,869**	**$37,150,605**	**$7,861,968**	**$22,157,297**	**$31,991,146**	**$11,606,527**	**$44,733,921**	**$47,300,465**	**$387,754,143**

NOTE: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each "I" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-13: Expenditues 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: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each "I" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-14: Expenditues 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: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-15: 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: Amounts adjusted for inflation to 2008 amounts based upon July-to-July changes in the CPI-U. Figures rounded to the nearest dollar. Each "|" denotes $1,000,000.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, AS-15E.

Table 15-16: Full-Time Equivalent Enrollment (FTEE): 2004

College	Credit: Eligible Credit Hours	Credit: FTEE	Non-Credit: Eligible Contact Hours	Non-Credit: FTEE	Total FTEE
Northeast	101,816	4,242.33||||	408,946	681.58	4,923.91||||
North Iowa Area	66,430	2,767.92||	560,437	934.06	3,701.98|||
Iowa Lakes	68,268	2,844.50||	106,607	177.68	3,022.18|||
Northwest	25,636	1,068.17|	306,224	510.37	1,578.54|
Iowa Central	98,431	4,101.29||||	402,493	670.82	4,772.11||||
Iowa Valley	61,044	2,543.50||	289,056	481.76	3,025.26|||
Hawkeye	124,205	5,175.21|||||	433,939	723.23	5,898.44|||||
Eastern Iowa	153,070	6,377.92||||||	755,190	1,258.65|	7,636.57|||||||
Kirkwood	329,923	13,746.79|||||||||||||	1,236,119	2,060.20||	15,806.99|||||||||||||||
Des Moines Area	297,319	12,388.29||||||||||||	1,242,278	2,070.46||	14,458.75||||||||||||||
Western Iowa Tech	102,749	4,281.21||||	368,705	614.51	4,895.72||||
Iowa Western	96,516	4,021.50||||	487,299	812.17	4,833.67||||
Southwestern	30,883	1,286.79|	179,146	298.58	1,585.37|
Indian Hills	104,837	4,368.21||||	367,725	612.88	4,981.09||||
Southeastern	76,687	3,195.29|||	230,128	383.55	3,578.84|||
Total	**1,737,814**	**72,408.92**	**7,374,292**	**12,290.50**	**84,699.42**

NOTE: Each "|" denotes 10,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 15-17: Full-Time Equivalent Enrollment (FTEE): 2005

	Credit		Non-Credit		
College	Eligible Credit Hours	FTEE	Eligible Credit Hours	FTEE	Total FTEE
Northeast	104,437	4,351.52||||	401,352	668.92	5,020.44|||||
North Iowa Area	67,465	2,811.04||	530,845	884.74	3,695.78|||
Iowa Lakes	71,013	2,958.88||	99,078	165.13	3,124.01|||
Northwest	24,757	1,031.54|	287,848	479.75	1,511.29|
Iowa Central	102,600	4,274.99||||	413,014	688.36	4,963.35||||
Iowa Valley	67,048	2,793.65||	377,571	629.29	3,422.94|||
Hawkeye	122,127	5,088.63|||||	408,562	680.94	5,769.57|||||
Eastern Iowa	154,483	6,436.80||||||	770,784	1,284.64|	7,721.44|||||||
Kirkwood	342,063	14,252.60|||||||||||||	1,237,643	2,062.74||	16,315.34|||||||||||||||
Des Moines Area	309,718	12,904.92|||||||||||	1,271,037	2,118.40||	15,023.32||||||||||||||
Western Iowa Tech	106,498	4,437.42||||	365,937	609.90	5,047.32|||||
Iowa Western	103,785	4,324.38||||	487,576	812.63	5,137.01|||||
Southwestern	29,300	1,220.81|	195,317	325.53	1,546.34|
Indian Hills	101,668	4,236.17||||	368,796	614.66	4,850.83||||
Southeastern	75,157	3,131.55|||	200,286	333.81	3,465.36|||
Total	**1,782,117**	**74,254.90**	**7,415,647**	**12,359.44**	**86,614.34**

NOTE: Each "I" denotes 10,000 students.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 15-18: Full-Time Equivalent Enrollment (FTEE): 2006

	Credit		Non-Credit		
College	Eligible Credit Hours	FTEE	Eligible Credit Hours	FTEE	Total 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, Bureau of Community Colleges, Community College MIS.

Table 15-19: Full-Time Equivalent Enrollment (FTEE): 2007

	Credit		Non-Credit		
College	Eligible Credit Hours	FTEE	Eligible Contact Hours	FTEE	Total 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, Bureau of Community Colleges, Community College MIS.

Table 15-20: 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, Bureau of Community Colleges, Community College MIS.

Table 15-21: State General Aid: 2005-2009

College	2005	2006	2007	2008	2009
Northeast	6,717,353	7,235,394	7,786,416	8,472,001	9,074,424
North Iowa Area	7,859,917	8,293,881	8,746,545	9,282,134	9,840,581
Iowa Lakes	7,295,985	7,673,998	8,076,172	8,544,806	9,045,521
Northwest	3,569,332	3,764,072	3,965,756	4,200,810	4,449,263
Iowa Central	7,499,287	8,129,369	8,716,683	9,408,978	9,992,314
Iowa Valley	6,918,909	7,299,114	7,697,799	8,169,643	8,656,370
Hawkeye	10,008,601	10,652,239	11,295,091	12,077,303	12,826,359
Eastern Iowa	12,311,409	13,139,157	13,968,730	15,025,656	15,963,828
Kirkwood	19,369,288	21,321,279	23,342,242	25,854,971	27,662,970
Des Moines Area	20,524,506	22,050,079	23,626,432	25,758,739	27,602,009
Western Iowa Tech	8,084,396	8,684,671	9,256,058	9,918,232	10,522,547
Iowa Western	8,298,918	8,819,900	9,349,224	10,041,096	10,685,790
Southwestern	3,612,936	3,810,283	4,015,573	4,251,743	4,505,374
Indian Hills	11,362,216	11,972,648	12,611,064	13,348,554	14,147,609
Southeastern	6,346,191	6,733,160	7,125,459	7,607,749	8,087,455
Total	**$139,779,244**	**$149,579,244**	**$159,579,244**	**$171,962,414**	**$183,062,414**

Note: State General Aid (SGA) in 2009 does not include a 1.5% budget reduction in December 2008. SGA amount as of June 30, 2004, which includes a 2.5% reduction effective November 2003 and a 10% recission of the reduction in June 2004. This amount does not include the separate supplemental salary aprropriation ($2 million in fiscal year 2008 and $1.5 million in fiscal year 2009. There was a one-time appropriation that was made in fiscal year 2004 totaling $762,675. Source: Laws of the General Assembly.

16 Human Resources

Fiscal year human resources numbers are based on the point-in-time reporting reflecting the status of community college employees as of the end of the state fiscal year.

Employees of Iowa Community Colleges, as reported in the Management Information System (MIS) for fiscal year 2008, totaled 12,676 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 14,534 positions reported in 2008. The MIS data does not include employees teaching only non-credit courses for community colleges.

While the total number of employees increased by 6.2 percent from 2007, the professional composition of community college employees remained relatively the same for the past four years. The largest group was instructional (48.0%), followed by secretarial and clerical (20.4%), professional (14.2%), service (9.4%) and administrative (1.1%). Before 2005, however, secretarial and clerical staff outnumbered professional staff (Figure 16-1).

The distribution by the type of employment also demonstrated relative stability throughout nine years since the tracking began. Full-time employment was prevalent, with close to 33 percent of all employment in 2008. Number of adjuncts (27 percent of all staff) was close to full-time employees in 2008, and even outpaced full-time employees in 2005. Numbers for temporary/seasonal staff demonstrated dramatic change in 2008, from 542 to 1,990 employees — a 353 percent increase (Figure 16-2).

Community College Employees

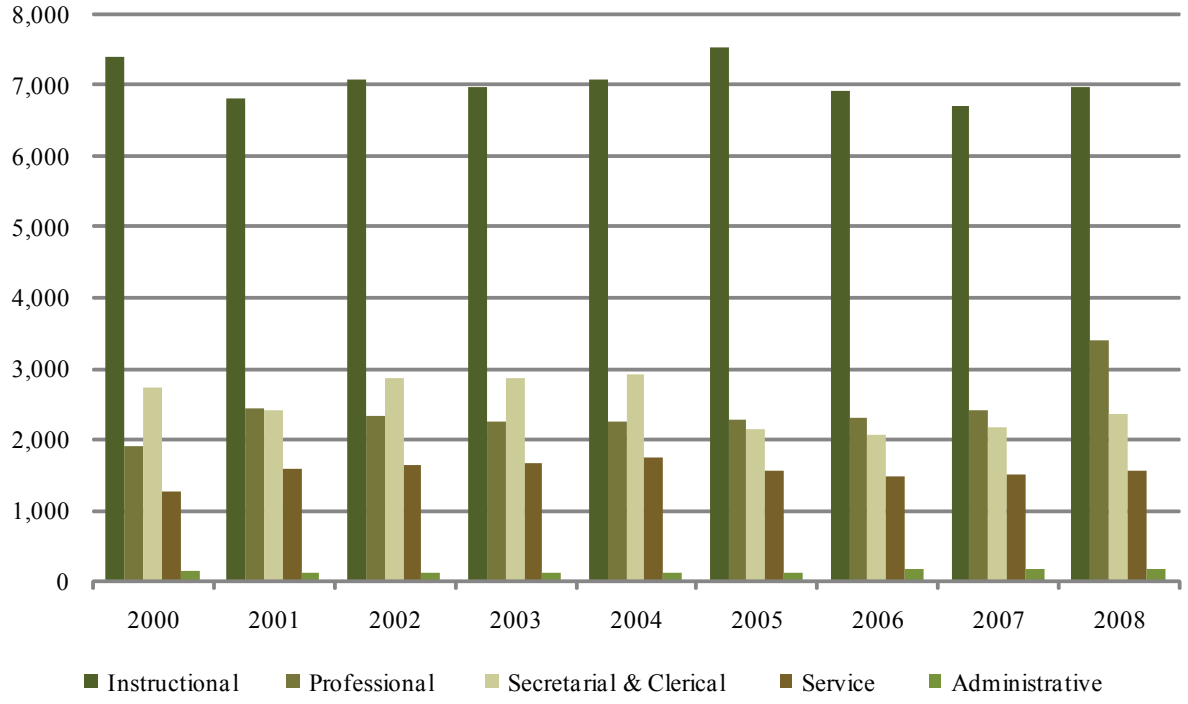
Number of Employees: 12,676

Growth since last year: 6.2%

Faculty, positions: 6,981
Up 3.9% since 2007

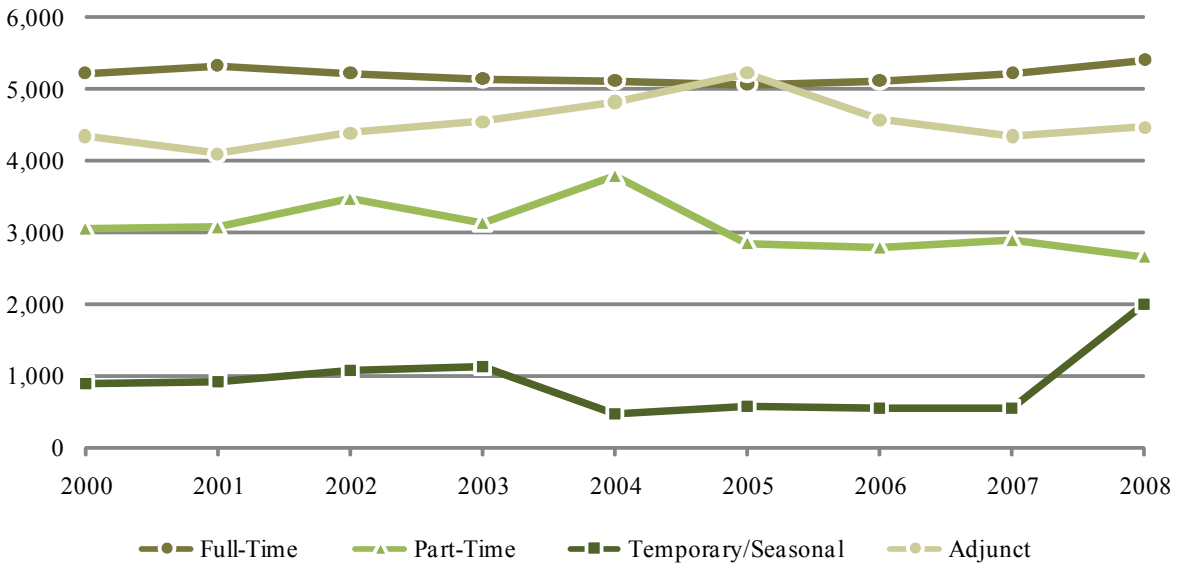
Faculty, of all employees: 48.0%
Decreased 3.5%

Figure 16-1: Iowa Community Colleges Employees by Position Type: 2000-2008



Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-1.

Figure 16-2: Employment by Type: 2000-2008



Source: Iowa Department of Education, Bureau of Community College, Community College MIS, see Table 16-1.

Employees Education and Demographics

Iowa community college instructors and administrators have continuously improved their education. Before 2004, the numbers for masters degree or higher fluctuated between 49 percent and 61 percent, but since 2004 they steadily grew to a record high 64.4 percent in 2008. The number of associate's degree holders grew slowly between 2006 and 2008. The number of instructors and administrators with doctoral degrees also demonstrated a steady growth between 2004 and 2008, from 201 to 226 (11%), while the number of bachelor's degree instructors and administrators declined (Figure 16-3).

A typical community college instructor, as with prior years, was female, slightly under 50 years of age, and white. Though the percent of racial/ethnic minorities dropped between 2007 and 2008 from six to 5.5, the nine-year comparison demonstrated a steady increase in the number of racial\ethnic minorities among Iowa community colleges employees — average growth between 2000 and 2008 was 4.7 percent (Figure 16-4).

The distribution within the racial minorities was not as linear. While the percentage of American Indians remained relatively stable throughout nine years of reporting, asians demonstrated increases and declines, and both Hispanics and blacks showed steady growth. Blacks represented the largest racial minority group of employees (41.9 percent of all racial minorities), however, Hispanics demonstrated the fastest growth — seven percent compared to six percent for blacks between 2000 and 2008 (Figure 16-5).

Typical Community College Instructor

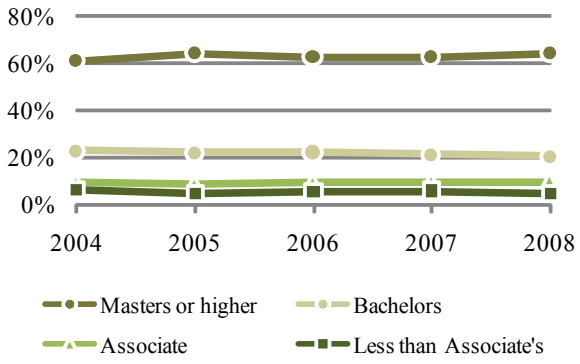
Caucasian 89%

Female 60%

Educated 64% Masters degree or higher

Middle Age 49.3 years old

Figure 16-3: Instructors and Administrators Degrees

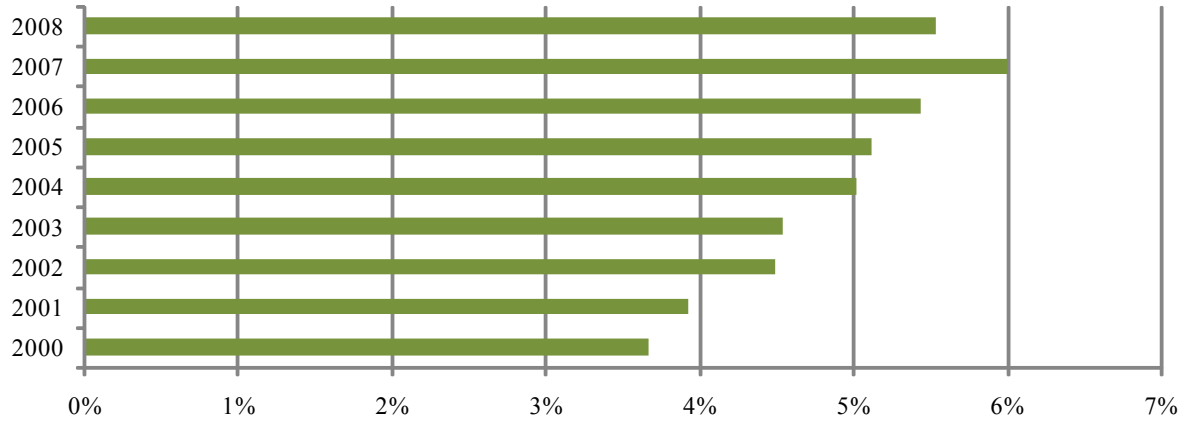


Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-12 and Table 16-18.

Gender composition of Iowa community colleges employees remained stable. In 2000, the female/male ratio was 42/58, and in 2008 it was almost 40/60. Thus, males comprised 5,051 and females 7,567 of total employees of 12,676 in fiscal year 2008 (Figure 16-6).

In 2008, 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 19-21 and 50-62. The average age

Figure 16-4: Percent of Racial Minorities among Iowa community colleges employees: 2000-2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-28.

of community college employees was 45.2 years old, and the median age was 46.8 (Figure 16-7).

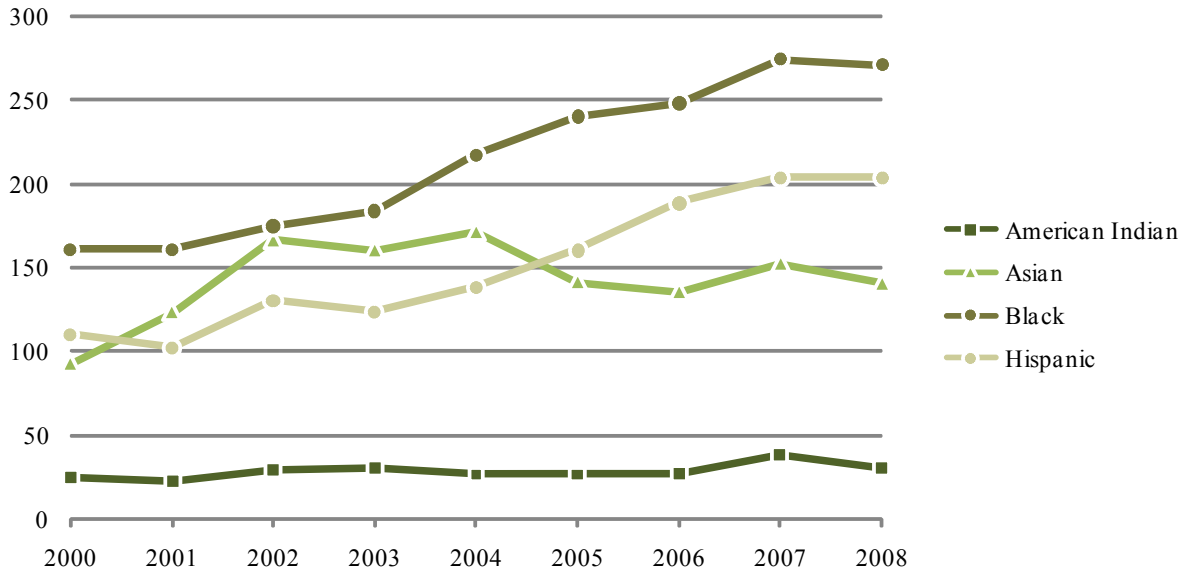
Distributed among seven age groups, from under 17 to over 55, the largest group of employees in 2008 was between 40-55 years old. The fastest growing group, however, was over 55 years old. From 2004 to 2008, that group grew 6.1 percent on average. (Table 16-23).

The largest group of community college administrators was between 48 and 61 years-old. The average age of administrators was 52.3 years-old and the median age was 53 years-old (Figure 16-8).

Iowa community college full-time instructional staff was presented by all ages between 23 and 72. The largest group was between 49 and 62. The average age of community college full-time instructors was 59.3 years old and the median age was 50.6 (Figure 16-9).

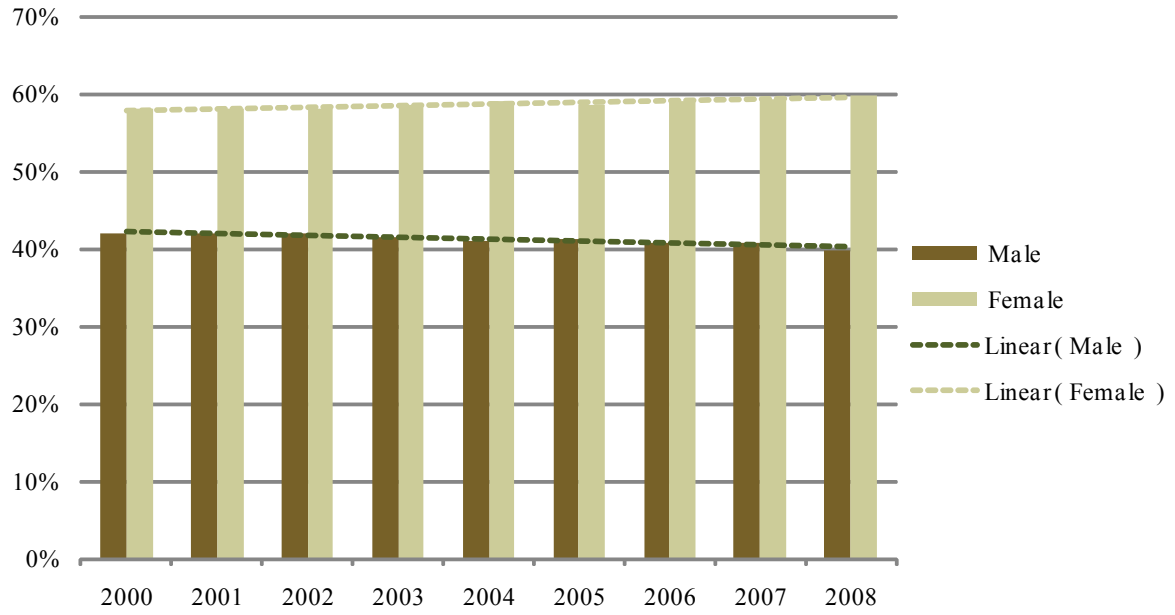
The most recent data from the U.S. Education Department showed that 66.1 percent of the nation's community college faculty were between the ages of 45 and 64 (McCormack, 2008) . Iowa community college full-time faculty in the same age group were close to the nationwide number — 66 percent in 2008. The

Figure 16-5: Distribution of Racial\Ethnic Minorities among Iowa Community Colleges Employees: 2000-2008



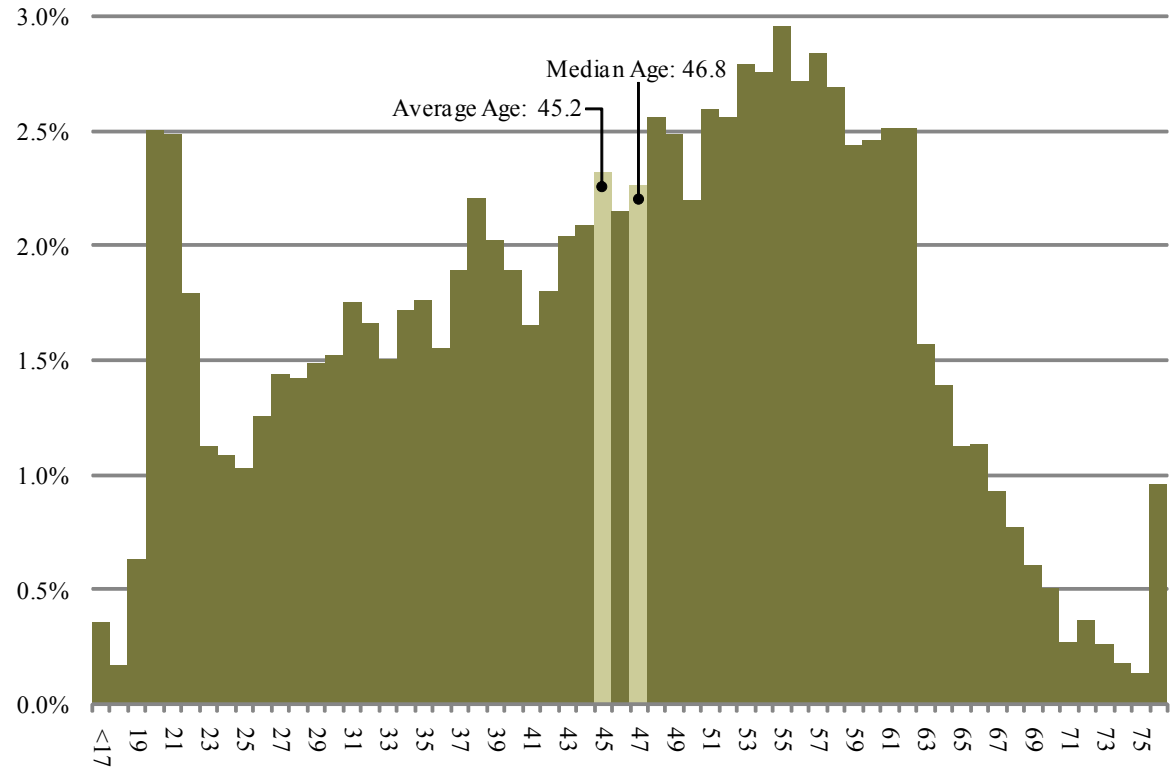
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-28.

Figure 16-6: Gender distribution of employees: 2000-2008.



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, Table 16-29.

Figure 16-7: Age of Community Colleges Employees: 2008

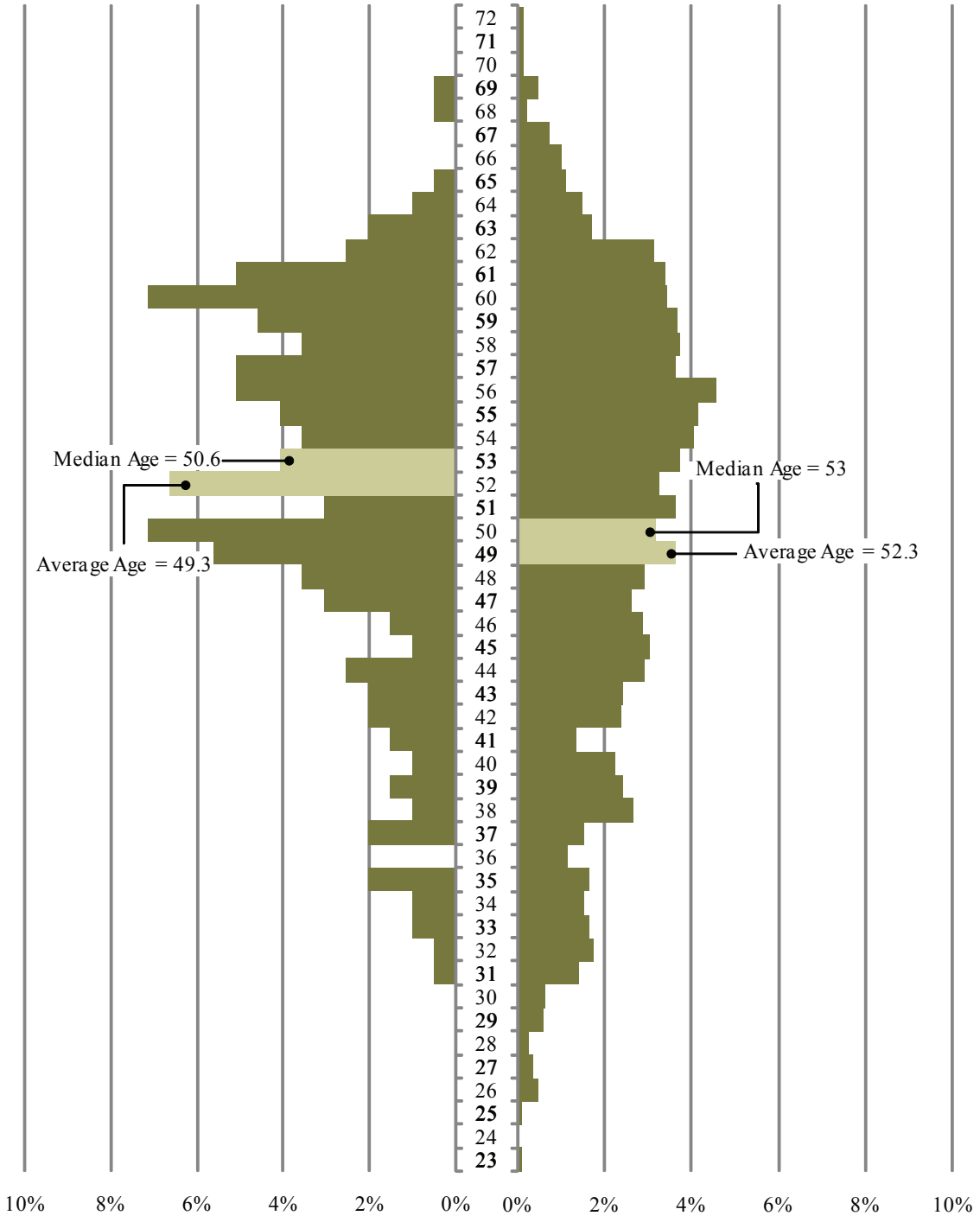


SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-23.

average age of Iowa community college full-time faculty increased steadily between 2004 and 2008, from 48.9 years old to 49.3. The median age has also increased from 50.2 to 50.6 (Figure 16-9).

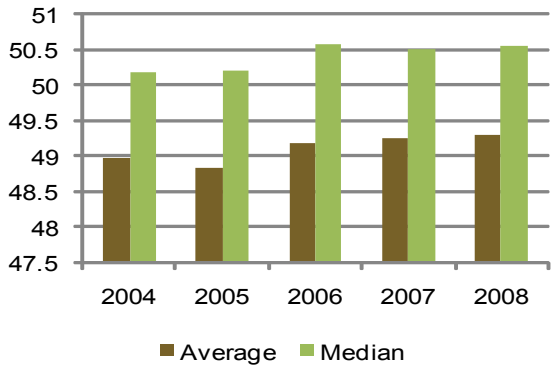
The average base salary for full-time instructional employees reported by community colleges was $49,606 in fiscal year 2008. The average increase of full-time instructional staff salaries since 2001 was 2.9 percent (Figure 16-11). Iowa community college base salary is a nine-month teaching contract. 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).

Figure 16-9: Distribution of Administrators (Left) and Instructors (Right) by Age: 2008



SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS, see Table 16-23.

Figure 16-10: Average and Median Age of Full Time Instructors: 2004-2008.



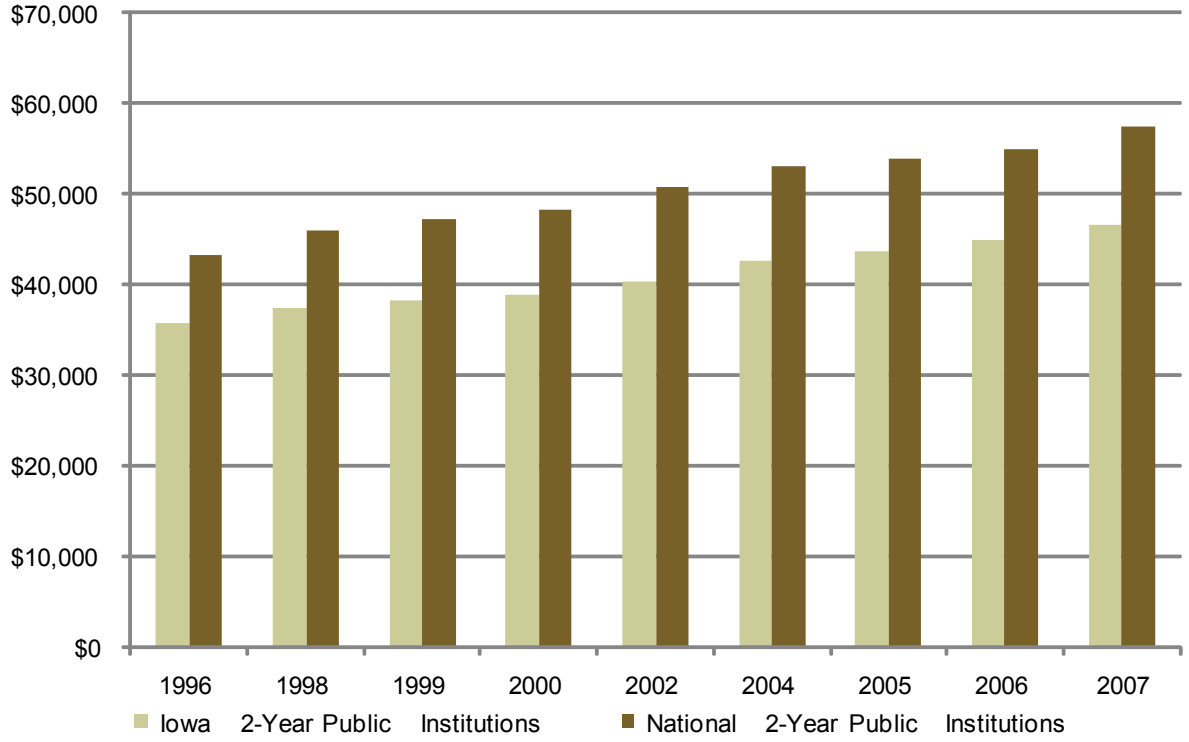
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 16-23.

Figure 16-11: Average Base Salary of Full-Time Instructors: 2001-2008.

SOURCE: Iowa Department of Education, Bureau of Community Colleges, Table 16-6.

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 76.8 percent of the national average salary for two-year public institutions in fiscal year 2007 (latest available data). Based on the data from 1996 through 2007, the average salary increase for Iowa full-time community college instructors was 3.0 percent, while the average salary increase community college full-time faculty nationally was 3.2 percent (Figure 16-12).

Figure 16-12: Comparison of Iowa and National Salaries Average Full-Time Faculty Members: 1996-2007



NOTE: Before 2004, Chronicle of Higher Education Almanac published the data every other year. SOURCE: *The Chronicle of Higher Education Almanac* Issues 1998 through 2008. See Table 16-7.

Table 16-1: Employees by Position: 2004–2008

Fiscal Year	Employment Type	Administrative	Instructional	Professional	Secretarial & Clerical	Service	Total
2004	Full-Time	125	1,943||||||	1,577|||||	985|||	483|	5,113
	Part-Time	1	344|	690||	1,732|||||	1,033|||	3,800
	Temp./Seasonal	0	0	0	211	249	460
	Adjunct	0	4,812|||||||||||||||	2	2	0	4,816
	Total	**126**	**7,099**||||||||||||||||||||||	**2,269**|||||||	**2,930**|||||||||	**1,765**|||||	**14,189**
2005	Full-Time	134	1,866||||||	1,657|||||	937|||	474|	5,068
	Part-Time	2	521|	602||	954|||	776||	2,855
	Temp./Seasonal	0	15	9	254	296	574
	Adjunct	0	5,150||||||||||||||||	19	18	27	5,214
	Total	**136**	**7,552**|||||||||||||||||||||||	**2,287**|||||||	**2,163**|||||||	**1,573**|||||	**13,711**
2006	Full-Time	175	1,966||||||	1,635|||||	910|||	439|	5,125
	Part-Time	0	389|	679||	939|||	786||	2,793
	Temp./Seasonal	1	31	12	216	277	537
	Adjunct	0	4,545||||||||||||||	6	15	3	4,569
	Total	**176**	**6,931**||||||||||||||||||||||	**2,332**|||||||	**2,080**||||||	**1,505**|||||	**13,024**
2007	Full-Time	185	1,964||||||	1,707|||||	943|||	438|	5,237
	Part-Time	3	404|	678||	1,019|||	793||	2,897
	Temp./Seasonal	0	18	19	216	289	542
	Adjunct	0	4,325|||||||||||||	11	8	6	4,350
	Total	**188**	**6,711**||||||||||||||||||||	**2,415**||||||||	**2,186**|||||||	**1,526**|||||	**13,026**
2008	Full-Time	198	1,909||||||	1,927||||||	938|||	439|	5,411
	Part-Time	1	228	812||	1,067|||	556|	2,664
	Temp./Seasonal	0	417|	661||	348|	564|	1,990
	Adjunct	0	4,427|||||||||||||	18	16	8	4,469
	Total	**199**	**6,981**||||||||||||||||||||	**3,418**||||||||||	**2,369**|||||||	**1,567**|||||	**14,534**

NOTE: Each "|" denotes 300 positions. Individuals may be employed in a number of positions at a community college.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-2: Degrees for Instructors: 2004–2008

Degree	2004	2005	2006	2007	2008
Doctorate	163|	154|	166|	168|	179|
Ed. Special	13	9	16	14	15
Masters	985|||||||||	928|||||||||	998|||||||||	1,022||||||||||	1,010||||||||||
Bachelors	446||||	385|||	432||||	424||||	380|||
Associate	196|	161|	199|	208||	208||
Diploma	65	58	56	60	54
Certificate	19	10	16	22	16
High School	42	23	37	36	28
Non-Graduate	0	0	1	2	3
Not Provided	14	138|	45	61	13
Total	**1,943**||||||||||||||||||	**1,866**||||||||||||||||||	**1,966**||||||||||||||||||	**1,994**||||||||||||||||||	**1,906**||||||||||||||||||

NOTE: Each "|" denotes 100 individuals. Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-3: Degrees for Administrators: 2004–2008

Degree	2004	2005	2006	2007	2008
Doctorate	38|||	35|||	34|||	34|||	47||||
Ed. Special	5	8	8	7	5
Masters	54|||||	53|||||	85||||||||	62||||||	84||||||||
Bachelors	25||	23||	39|||	25||	51|||||
Associate	0	0	0	1	2
Diploma	1	0	0	1	0
Certificate	0	0	0	0	0
High School	1	1	0	0	0
Non-Graduate	0	0	0	1	0
Not Provided	1	14|	9	55|||||	8
Total	**125**||||||||||||	**134**|||||||||||||	**175**|||||||||||||||	**186**||||||||||||||||	**198**|||||||||||||||||

NOTE: Each "|" denotes 10 individuals. Total full-time instructional employees does not equal total instructional positions because some employees are employed by more than one institution. Source: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-4: Employees by Age: 2004–2008

Fiscal Year	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	Unknown	Total
2004	67	1,296	697	743	2,035	5,132	2,353	179	12,502
2005	38	1,081	679	735	2,024	5,050	2,619	72	12,298
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

NOTE: Each "|" denotes 100 employees.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-5: Employees by Race/Ethnicity: 2004–2008

Fiscal Year	American Indian	Asian	Black	Hispanic	White	No Reponse	Total
2004	27	172	217	139	10,493	1,454	12,502
2005	27	142	240	161	10,578	1,150	12,298
2006	28	136	248	189	10,446	820	11,867
2007	39	153	274	204	10,501	780	11,951
2008	31	141	271	204	11,033	996	12,676

NOTE: Each "|" denotes 100 employees. No Reponse includes individuals who did not respond or colleges who did not report a ethnicity/race.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-6: Base Salary for Instructors: 2004–2008

Fiscal Year	Full-Time Instructional Positions	Average Base Salary
2004	1,943	$41,825
2005	1,866	40,816
2006	1,966	43,789
2007	1,964	44,876
2008	1,909	49,606

NOTE: Each "I" denotes $1,000. Two colleges did not report base salary in fiscal year 2004. Those two colleges had 178 full-time instructors which were included in the table. Average based salary was based on the 13 community colleges reporting base salary. In fiscal year 2005, one college with 135 full-time instructors did not report base salary. The average base salary was only calculated for 14 community colleges.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-7: Iowa and National Wages for Instructors: 2004–2008

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

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: *Chronicle of Higher Education Almanac,* 1998–2009.

Table 16-8: Degrees for Administrators: 2004

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	1	0	4	0	0	0	0	0	0	0	5	4%
North Iowa Area	1	0	5	3	0	0	0	0	0	0	9	7%
Iowa Lakes	2	0	3	1	0	0	0	1	0	1	8	6%
Northwest	3	0	2	1	0	0	0	0	0	0	6	5%
Iowa Central	1	0	2	1	0	0	0	0	0	0	4	3%
Iowa Valley	4	0	1	3	0	0	0	0	0	0	8	6%
Hawkeye	1	0	2	2	0	0	0	0	0	0	5	4%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	7%
Kirkwood	3	0	3	3	0	0	0	0	0	0	9	7%
Des Moines Area	5	0	7	2	0	0	0	0	0	0	14	11%
Western Iowa Tech	3	1	3	1	0	0	0	0	0	0	8	6%
Iowa Western	2	0	2	1	0	0	0	0	0	0	5	4%
Southwestern	1	1	0	2	0	0	0	0	0	0	4	3%
Indian Hills	4	3	7	3	0	0	0	0	0	0	17	14%
Southeastern	2	0	9	2	0	1	0	0	0	0	14	11%
Total	**38**	**5**	**54**	**25**	**0**	**1**	**0**	**1**	**0**	**1**	**125**	**100%**
Percent	**30%**	**4%**	**43%**	**20%**	**0%**	**1%**	**0%**	**1%**	**0%**	**1%**	**100%**	

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

Table 16-9: Degrees for Administrators: 2005

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	1	0	5	0	0	0	0	0	0	1	7	5%
North Iowa Area	1	1	5	3	0	0	0	0	0	0	10	7%
Iowa Lakes	2	0	3	0	0	0	0	1	0	2	8	6%
Northwest	3	0	2	1	0	0	0	0	0	0	6	4%
Iowa Central	0	0	0	0	0	0	0	0	0	7	7	5%
Iowa Valley	3	0	3	2	0	0	0	0	0	0	8	6%
Hawkeye	1	0	2	3	0	0	0	0	0	2	8	6%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	7%
Kirkwood	3	0	2	4	0	0	0	0	0	2	11	8%
Des Moines Area	5	1	6	2	0	0	0	0	0	0	14	10%
Western Iowa Tech	4	1	2	1	0	0	0	0	0	0	8	6%
Iowa Western	2	0	2	1	0	0	0	0	0	0	5	4%
Southwestern	1	1	0	2	0	0	0	0	0	0	4	3%
Indian Hills	4	4	7	3	0	0	0	0	0	0	18	13%
Southeastern	0	0	10	1	0	0	0	0	0	0	11	8%
Total	**35**	**8**	**53**	**23**	**0**	**0**	**0**	**1**	**0**	**14**	**134**	**100%**
Percent	**26%**	**6%**	**40%**	**17%**	**0%**	**0%**	**0%**	**1%**	**0%**	**10%**	**100%**	

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

Table 16-10: 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, Bureau of Community Colleges, Community College MIS.

Table 16-11: Degrees for Administrators: 2007

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	2	0	5	0	0	1	0	0	0	0	8	5%
North Iowa Area	0	0	0	0	0	0	0	0	0	0	0	0%
Iowa Lakes	0	0	5	1	0	0	0	0	0	2	8	5%
Northwest	3	0	4	0	0	0	0	0	0	0	7	4%
Iowa Central	1	0	3	0	0	0	0	0	0	1	5	3%
Iowa Valley	2	0	1	2	0	0	0	0	0	1	6	4%
Hawkeye	1	1	3	0	0	0	0	0	0	0	5	3%
Eastern Iowa	5	0	4	0	0	0	0	0	0	0	9	5%
Kirkwood	2	0	9	5	0	0	0	0	0	48	64	37%
Des Moines Area	5	1	5	1	0	0	0	0	0	0	12	7%
Western Iowa Tech	3	1	5	1	0	0	0	0	1	0	11	6%
Iowa Western	1	0	2	1	0	0	0	0	0	0	4	2%
Southwestern	2	1	0	2	0	0	0	0	0	0	5	3%
Indian Hills	3	3	6	3	0	0	0	0	0	0	15	9%
Southeastern	3	0	6	3	0	0	0	0	0	0	12	7%
Total	**33**	**7**	**58**	**19**	**0**	**1**	**0**	**0**	**1**	**52**	**171**	**100%**
Percent	**19%**	**4%**	**34%**	**11%**	**0%**	**1%**	**0%**	**0%**	**1%**	**30%**	**100%**	

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

Table 16-12: 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**	**8**	**198**	**100%**
Percent	**24%**	**3%**	**42%**	**26%**	**1%**	**0%**	**0%**	**0%**	**0%**	**4%**	**100%**	

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

Table 16-13: Degrees for Instructors: 2004

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	10	0	61	44	6	13	0	2	0	2	138	7%
North Iowa Area	6	0	57	15	5	0	1	1	0	0	85	4%
Iowa Lakes	4	2	55	32	6	4	2	1	0	3	109	6%
Northwest	1	0	12	11	8	5	1	2	0	0	40	2%
Iowa Central	2	0	58	24	11	0	2	1	0	0	98	5%
Iowa Valley	9	0	50	10	6	1	1	2	0	1	80	4%
Hawkeye	9	1	60	25	14	8	2	2	0	0	121	6%
Eastern Iowa	21	1	99	56	27	2	3	13	0	0	222	11%
Kirkwood	40	3	153	53	21	5	2	4	0	2	283	15%
Des Moines Area	28	2	135	70	30	8	3	6	0	0	282	15%
Western Iowa Tech	7	3	49	18	13	3	0	4	0	0	97	5%
Iowa Western	5	0	54	31	12	8	0	0	0	0	110	6%
Southwestern	1	0	31	6	4	3	0	1	0	1	47	2%
Indian Hills	10	1	54	32	24	4	2	0	0	5	132	7%
Southeastern	10	0	57	19	9	1	0	3	0	0	99	5%
Total	**163**	**13**	**985**	**446**	**196**	**65**	**19**	**42**	**0**	**14**	**1,943**	**100%**
Percent	**8%**	**1%**	**51%**	**23%**	**10%**	**3%**	**1%**	**2%**	**0%**	**1%**	**100%**	

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

Table 16-14: Degrees for Instructors: 2004

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	7	0	54	35	5	10	0	2	0	22	135	7%
North Iowa Area	6	0	55	15	4	0	1	1	0	0	82	4%
Iowa Lakes	3	2	49	25	4	4	1	1	0	14	103	6%
Northwest	0	0	13	9	10	5	1	1	0	2	41	2%
Iowa Central	0	0	23	7	1	0	0	1	0	42	74	4%
Iowa Valley	7	0	54	19	1	0	0	1	0	0	82	4%
Hawkeye	12	0	58	20	15	5	0	0	0	16	126	7%
Eastern Iowa	20	1	82	23	10	1	1	4	0	0	142	8%
Kirkwood	37	0	145	54	22	7	1	0	0	37	303	16%
Des Moines Area	31	2	140	68	33	8	3	4	0	0	289	15%
Western Iowa Tech	7	3	48	23	15	3	0	6	0	0	105	6%
Iowa Western	6	0	59	32	14	7	1	0	0	0	119	6%
Southwestern	2	0	37	7	2	2	0	1	0	0	51	3%
Indian Hills	7	1	61	31	20	4	1	0	0	4	129	7%
Southeastern	9	0	50	17	5	2	0	1	0	1	85	5%
Total	**154**	**9**	**928**	**385**	**161**	**58**	**10**	**23**	**0**	**138**	**1,866**	**100%**
Percent	**8%**	**0%**	**50%**	**21%**	**9%**	**3%**	**1%**	**1%**	**0%**	**7%**	**100%**	

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

Table 16-15: Degrees for Instructors: 2005

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	7	0	54	35	5	10	0	2	0	22	135	7%
North Iowa Area	6	0	55	15	4	0	1	1	0	0	82	4%
Iowa Lakes	3	2	49	25	4	4	1	1	0	14	103	6%
Northwest	0	0	13	9	10	5	1	1	0	2	41	2%
Iowa Central	0	0	23	7	1	0	0	1	0	42	74	4%
Iowa Valley	7	0	54	19	1	0	0	1	0	0	82	4%
Hawkeye	12	0	58	20	15	5	0	0	0	16	126	7%
Eastern Iowa	20	1	82	23	10	1	1	4	0	0	142	8%
Kirkwood	37	0	145	54	22	7	1	0	0	37	303	16%
Des Moines Area	31	2	140	68	33	8	3	4	0	0	289	15%
Western Iowa Tech	7	3	48	23	15	3	0	6	0	0	105	6%
Iowa Western	6	0	59	32	14	7	1	0	0	0	119	6%
Southwestern	2	0	37	7	2	2	0	1	0	0	51	3%
Indian Hills	7	1	61	31	20	4	1	0	0	4	129	7%
Southeastern	9	0	50	17	5	2	0	1	0	1	85	5%
Total	**154**	**9**	**928**	**385**	**161**	**58**	**10**	**23**	**0**	**138**	**1,866**	**100%**
Percent	**8%**	**0%**	**50%**	**21%**	**9%**	**3%**	**1%**	**1%**	**0%**	**7%**	**100%**	

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

Table 16-16: Degrees for Instructors: 2006

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
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, Bureau of Community Colleges, Community College MIS.

Table 16-17: 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, Bureau of Community Colleges, Community College MIS.

Table 16-18: Degrees for Instructors: 2008

College	Doctorate	Ed Special	Masters	Bachelors	Associate	Diploma	Certificate	High School	Non-Grad	Not Provided	Total	Percent
Northeast	5	0	65	24	12	3	0	2	0	0	111	6%
North Iowa Area	7	0	54	13	5	0	1	2	0	0	82	4%
Iowa Lakes	4	2	50	22	11	5	0	0	0	9	103	5%
Northwest	0	0	16	9	12	5	1	1	0	1	45	2%
Iowa Central	4	0	54	16	11	1	1	6	0	0	93	5%
Iowa Valley	10	0	58	7	8	0	0	2	0	0	85	4%
Hawkeye	11	0	64	26	14	5	1	3	0	0	124	7%
Eastern Iowa	21	1	90	22	12	1	1	3	0	0	151	8%
Kirkwood	39	4	140	54	29	10	0	0	0	0	276	14%
Des Moines Area	42	2	167	68	39	6	4	4	0	1	333	17%
Western Iowa Tech	8	3	41	16	15	2	0	4	1	0	90	5%
Iowa Western	10	2	72	40	12	4	1	0	1	0	142	7%
Southwestern	2	0	36	9	1	3	1	1	1	2	56	3%
Indian Hills	9	1	53	37	19	5	3	0	0	0	127	7%
Southeastern	7	0	50	17	8	4	2	0	0	0	88	5%
Total	**179**	**15**	**1,010**	**380**	**208**	**54**	**16**	**28**	**3**	**13**	**1,906**	**100%**
Percent	**9%**	**1%**	**53%**	**20%**	**11%**	**3%**	**1%**	**1%**	**0%**	**1%**	**100%**	

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

Table 16-19: Employees by Age and College: 2004

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	Total	% of Total
Northeast	2	40	28	26	108	354	154	17	729	6%
North Iowa Area	0	1	8	20	51	176	83	1	340	3%
Iowa Lakes	5	68	50	34	96	302	143	1	699	6%
Northwest	0	5	10	17	38	92	52	16	230	2%
Iowa Central	2	104	58	38	85	254	139	121	801	6%
Iowa Valley	2	42	20	33	83	227	98	2	507	4%
Hawkeye	6	138	53	53	142	292	124	3	811	6%
Eastern Iowa	14	74	54	70	177	510	232	1	1,132	9%
Kirkwood	21	262	132	151	376	863	330	14	2,149	17%
Des Moines Area	4	183	123	119	315	821	487	0	2,052	16%
Western Iowa Tech	0	7	29	43	145	285	140	0	649	5%
Iowa Western	10	181	51	63	156	302	122	0	885	7%
Southwestern	1	11	15	22	54	114	43	0	260	2%
Indian Hills	0	177	51	43	134	328	108	3	844	7%
Southeastern	0	3	15	11	75	212	98	0	414	3%
Total	**67**	**1,296**	**697**	**743**	**2,035**	**5,132**	**2,353**	**179**	**12,502**	**100%**
% of Total	**1%**	**10%**	**6%**	**6%**	**16%**	**41%**	**19%**	**1%**	**100%**	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-20: Employees by Age and College: 2005

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	Total	% of Total
Northeast	1	35	20	20	60	235	107	1	479	4%
North Iowa Area	0	1	8	20	48	161	94	0	332	3%
Iowa Lakes	10	45	28	34	78	232	144	8	579	5%
Northwest	0	4	11	16	37	96	52	4	220	2%
Iowa Central	3	144	68	46	115	254	159	23	812	7%
Iowa Valley	2	24	42	35	89	231	110	1	534	4%
Hawkeye	0	10	26	42	104	246	155	0	583	5%
Eastern Iowa	1	13	41	78	195	544	290	1	1,163	9%
Kirkwood	9	219	123	122	406	945	433	21	2,278	19%
Des Moines Area	1	168	127	119	327	837	526	0	2,105	17%
Western Iowa Tech	0	21	29	53	156	335	168	12	774	6%
Iowa Western	9	203	68	70	167	306	118	0	941	8%
Southwestern	0	10	17	21	48	107	58	0	261	2%
Indian Hills	2	184	52	49	134	334	119	0	874	7%
Southeastern	0	0	19	10	60	187	86	1	363	3%
Total	**38**	**1,081**	**679**	**735**	**2,024**	**5,050**	**2,619**	**72**	**12,298**	**100%**
% of Total	**0%**	**9%**	**6%**	**6%**	**16%**	**41%**	**21%**	**1%**	**100%**	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-21: Employees by Age and College: 2006

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	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, Bureau of Community Colleges, Community College MIS.

Table 16-22: Employees by Age and College: 2007

College	17 & Under	18-22	23-26	27-30	31-39	40-55	Over 55	No Reponse	Total	% of Total
Northeast	1	38	31	36	100	340	173	4	723	6%
North Iowa Area	0	2	3	22	58	162	104	0	351	3%
Iowa Lakes	1	12	22	32	75	216	151	9	518	4%
Northwest	0	5	13	18	48	118	61	0	263	2%
Iowa Central	5	159	71	61	113	256	165	4	834	7%
Iowa Valley	1	39	40	29	93	229	113	1	545	5%
Hawkeye	0	7	23	49	132	269	184	0	664	5%
Eastern Iowa	1	13	26	58	138	467	294	0	997	8%
Kirkwood	8	58	66	110	298	732	385	1	1,658	14%
Des Moines Area	6	177	114	158	389	827	639	0	2,310	19%
Western Iowa Tech	0	4	16	34	115	280	166	0	615	5%
Iowa Western	6	264	72	76	158	322	172	0	1,070	9%
Southwestern	0	9	14	28	58	118	68	0	295	2%
Indian Hills	1	183	39	39	106	315	141	0	824	7%
Southeastern	0	3	9	24	72	220	115	0	443	4%
Total	**30**	**973**	**559**	**774**	**1,953**	**4,871**	**2,931**	**19**	**12,110**	**100%**
% of Total	**0%**	**8%**	**5%**	**6%**	**16%**	**40%**	**24%**	**0%**	**100%**	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-23: 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, Bureau of Community Colleges, Community College MIS.

Table 16-24: Employees by Race/Ethnicity and College: 2004

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	0	2	2	2	480	243	729	6%
North Iowa Area	0	0	0	1	339	0	340	3%
Iowa Lakes	0	0	1	1	660	37	699	6%
Northwest	0	2	0	1	211	16	230	2%
Iowa Central	2	11	13	7	724	44	801	6%
Iowa Valley	1	3	6	10	471	16	507	4%
Hawkeye	5	29	11	2	584	180	811	6%
Eastern Iowa	10	20	43	22	1,035	2	1,132	9%
Kirkwood	5	23	39	36	1,634	412	2,149	17%
Des Moines Area	3	46	61	31	1,779	132	2,052	16%
Western Iowa Tech	0	8	2	10	606	23	649	5%
Iowa Western	0	10	20	2	578	275	885	7%
Southwestern	0	0	1	0	259	0	260	2%
Indian Hills	1	15	13	12	798	5	844	7%
Southeastern	0	3	5	2	335	69	414	3%
Total	**27**	**172**	**217**	**139**	**10,493**	**1,454**	**12,502**	**100%**
% of Total	**0%**	**1%**	**2%**	**1%**	**84%**	**12%**	**100%**	

NOTE: "No response" includes individuals who chose not to be identified and colleges who did not respond.
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

Table 16-25: Employees by Race/Ethnicity and College: 2005

College	American Indian	Asian	Black	Hispanic	White	No Response	Total	% of Total
Northeast	0	1	1	3	385	89	479	4%
North Iowa Area	0	0	1	1	330	0	332	3%
Iowa Lakes	0	0	2	0	520	57	579	5%
Northwest	0	1	0	0	218	1	220	2%
Iowa Central	2	8	17	13	701	71	812	7%
Iowa Valley	2	7	5	18	485	17	534	4%
Hawkeye	1	5	22	7	535	13	583	5%
Eastern Iowa	7	12	52	24	1,065	3	1,163	9%
Kirkwood	8	23	35	25	1,850	337	2,278	19%
Des Moines Area	4	51	59	31	1,830	130	2,105	17%
Western Iowa Tech	1	11	6	18	669	69	774	6%
Iowa Western	2	8	22	7	613	289	941	8%
Southwestern	0	0	1	1	259	0	261	2%
Indian Hills	0	13	13	12	834	2	874	7%
Southeastern	0	2	4	1	284	72	363	3%
Total	**27**	**142**	**240**	**161**	**10,578**	**1,150**	**12,298**	**100%**
% of Total	**0%**	**1%**	**2%**	**1%**	**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, Bureau of Community Colleges, Community College MIS.

Table 16-26: 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, Bureau of Community Colleges, Community College MIS.

Table 16-27: 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, Bureau of Community Colleges, Community College MIS.

Table 16-28: 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, Bureau of Community Colleges, Community College MIS.

Table 16-29: Employees by Gender and College: 2004–2008

	2004		2005		2006		2007		2008	
College	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**	**Male**	**Female**
Northeast	234||	495||||	129|	350|||	212||	539|||||	190|	533|||||	232||	599|||||
North Iowa Area	158|	182|	160|	172|	149|	156|	172|	179|	158|	227||
Iowa Lakes	237||	462||||	187|	373|||	170|	339|||	170|	329|||	224||	402||||
Northwest	100|	130|	92	128|	85	122|	106|	157|	110|	148|
Iowa Central	359|||	442||||	370|||	442||||	379|||	398|||	418||||	416||||	433||||	446||||
Iowa Valley	187|	320|||	198|	336|||	194|	325|||	204||	341|||	294||	444||||
Hawkeye	346|||	465||||	253||	326|||	292||	393|||	286||	378|||	235||	376|||
Eastern Iowa	432||||	700||||||	464||||	699||||||	382|||	631||||||	361|||	636||||||	347|||	617||||||
Kirkwood	911|||||||||	1,238|||||||||||	968||||||||	1,310|||||||||||	670||||||	998||||||||	661||||||	995||||||||	675||||||	1,002|||||||||
Des Moines Area	939|||||||||	1,113||||||||||	972||||||||	1,133||||||||||	1,028|||||||||	1,194||||||||||	1,041|||||||||	1,269||||||||||	974||||||||	1,186||||||||||
Western Iowa Tech	275||	374|||	306|||	464||||	305|||	411||||	260||	355|||	311|||	446||||
Iowa Western	369|||	516|||||	374|||	567|||||	396|||	598|||||	437||||	633||||||	436||||	687||||||
Southwestern	106|	154|	105|	156|	111|	157|	123|	172|	114|	167|
Indian Hills	325|||	515|||||	350|||	521|||||	316|||	500|||||	327|||	497||||	342|||	524|||||
Southeastern	151|	263||	132|	231||	150|	248||	158|	285||	166|	296||
Total	**5,129**	**7,369**	**5,060**	**7,208**	**4,839**	**7,009**	**4,914**	**7,175**	**5,051**	**7,567**

NOTE: Each "I" denotes 100 students. Unknowns were not included in the table. Unknowns in fiscal year 2004 were 4 employees (0.03%); fiscal year 2005, 30 (0.24%); fiscal year 2006, 19 (0.16%); fiscal year 2007, 21 (0.17%), fiscal year 2008, 58 (0.9%).
SOURCE: Iowa Department of Education, Bureau of Community Colleges, Community College MIS.

17 Special Supplement: Jointly Enrolled Students

The special supplement section is a new addition in the Condition of Iowa's Community Colleges *report. 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*

• • •

Last year the Iowa Department of Education implemented a new system to match students from the community college dataset to the state's K-12 data repository—Project EASIER. Data on 90 percent of jointly enrolled students during fiscal year 2008 were found in Project EASIER. Some students were not found due to incomplete student information, but this was within the expected margin of error. The remainder were students from nonpublic schools. This special supplement reviews information about students jointly enrolled in Iowa's community colleges and Iowa's public schools.

During fiscal year 2008, 31,450 students jointly enrolled in Iowa's community colleges. In the most recent national estimates, approximately 813,000 high school students enrolled in college-level courses at postsecondary institutions (Kleiner and Lewis, 2005). Iowa's jointly enrolled students tend to be upperclassmen and academically above-average students. A relatively large share were classified as talented and gifted and typically scored higher on the ACT exam. A majority of jointly enrolled students continued on to higher education—community college or four-year college—after leaving high school. As a result, joint enrollment saved individual familes in future tuition expenses and increased tax revenues for the state.

All 15 community colleges permit joint enrollment through state programs—such as the Postsecondary Enrollment Option or contractual agreements between

Joint Enrollment

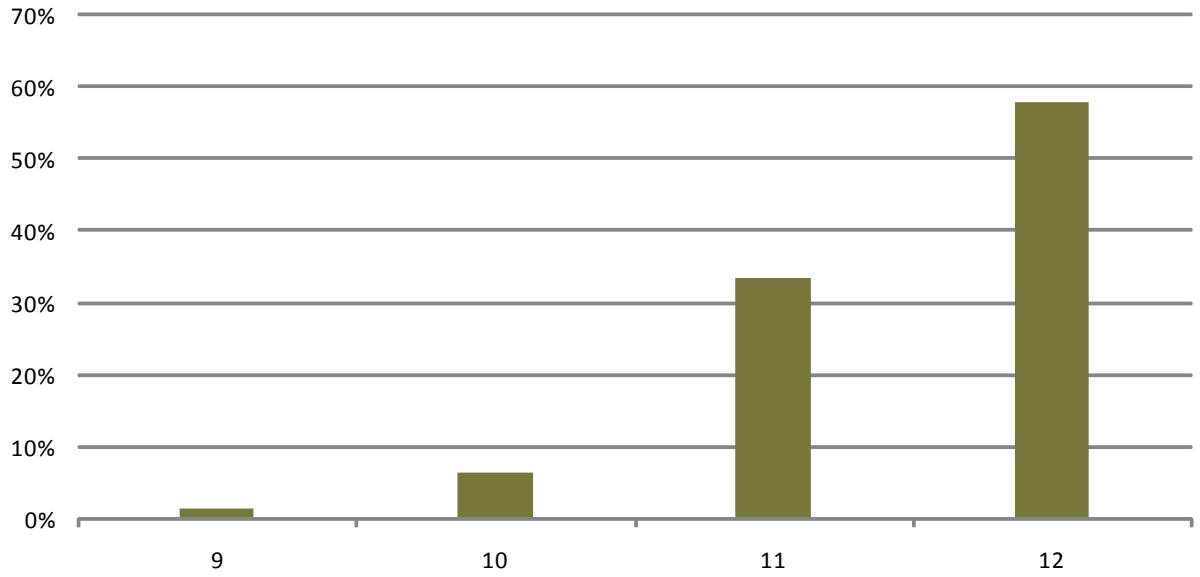
2.4 Courses per Student
1.4 National Average

12th Graders: 58%

22.8 Average ACT Score
20.6 National Average

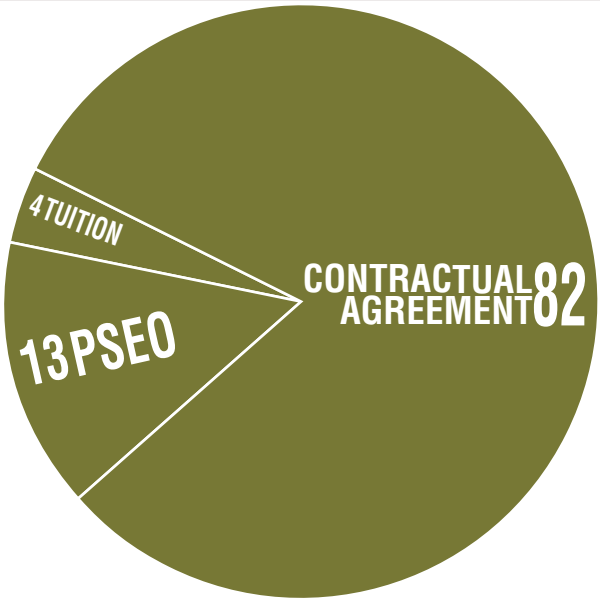
Continuation Rate: 61%
Continue to college

Figure 17-1: Joint Enrollment by Grade Level



Source: Iowa Department of Education, Bureau of Community Colleges and Bureau of Planning, Research, and Evaluation. Table 17-1.

Figure 17-2: Joint Enrollment by High School Enrollment Type



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

a school district and community college—and tuition payment (see Section 5 for more information).

Jointly enrolled students tend to be upper classmen and, in particular, seniors. Fifty-eight percent of students jointly enrolled were seniors in high school (Figure 17-1) while a third where juniors. More than 92 percent of jointly enrolled students were in their last two years of high school. A count of 50 students were not yet in high school. Most of these students were enrolled in special needs programs targeted toward children in middle school or high school. The remaining enrolled in various art and math classes.

While there are more high school students jointly enrolling, they attend few courses during the year. Last year, students enrolled in an average of 2.7 courses. Nationally, high school students complete 1.4 joint enrollment courses (based on author's calculations from Waits, Setzer, and Lewis, 2005: Table 2; Kleiner and Lewis, 2005: Table 2).

Socioeconomic and Talented & Gifted

Joint enrollment is used by those of lower economic quartiles and students with strong academics. Economic status is measured by Iowa's free and reduced lunch program. Families earning below 130 percent of poverty level are eligible for free lunchs while families earning between 130 and 185 percent of poverty level are eligible for reduced lunch prices (Iowa Department of Education, 2008).

Almost 17 percent of joint enrolled students were eligible for free or reduced lunch while 33.4 percent of all students were eligible (Table 17-3). Joint enrolled tudents eligible for free and reduced lunch typically enrolled through contractual agreements (76.9 percent), followed by PSEO (11.8 percent). Some students, 3.6 percent, enrolled in community colleges by paying their own tuition (Table 17-4).

Meanwhile, gifted and talented students enroll in joint programs at a higher rate. Fourteen percent of joint enrollmees were classified as gifted and talented compared to 8.5 percent of all students who are classified as gifted and talented in Iowa's public schools. Students in 9th and 10th grade must be classified as gifted and talented in order to enroll through PSEO; however, there were no limitations on contractual agreements or tuition-paying students last year.

Intent After Graduation

Slightly over 53 percent of jointly enrolled students indicated their post-graduation plans. The graduate intent indicator is required for all students who were graduating from high school in 2008. Of the 16,036 students who completed the survey, 39.4 percent indicated they planned on attending a community college after graduation (Table 17-6). A further 32.1 percent intended to enroll in a four-year public university and 16.6 percent indicated they wanted to attend a four-year private university.

Overall, 91.2 percent indicated they wanted to pursue postsecondary education—compared to 81.5 percent statewide—while 5.3 percent wanted to move into the workforce or military service. Over three percent of students indicated they were unsure about their future plans.

ACT Scores

The American College Testing (ACT) assessment is a common entrance exam to college and universities. The test measures reasoning in English, mathematics, reading, and science with a composite score ranging from 1 to 36.

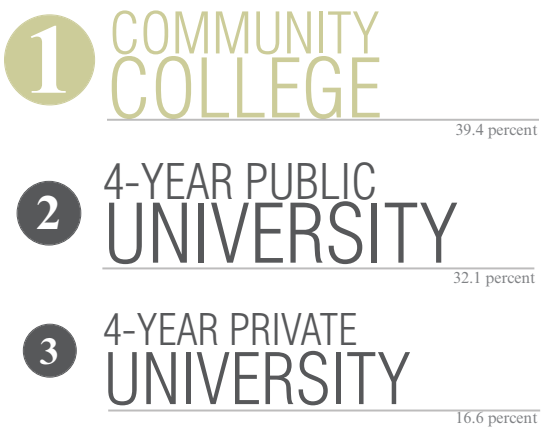
Some students who jointly enrolled had already taken the ACT assessment. Iowa's joint enrollees scored higher on the ACT composite than all of Iowa's senior test takers (Figure 17-3). Joint enrolled students averaged a 22.8 score on the ACT, which is in the 63rd percentile (ACT Inc., 2008a, 2008b).

Joint enrollees scored higher than the Iowa and nationwide average. Last year, Iowa's high school seniors averaged 21.9 while the students averaged 20.6 nationally.

Joint Enrollees After High School

The Iowa Department of Education and Iowa State University's Office of Community College Research and Policy (OCCRP) conducted a study of the placement of joint enrollees after completing high school (Laanan, Sarobin, Schenk, and Audino, forthcoming). Joint

Intent After Graduation



enrolled students are more likely to transfer to a 4-year institution after graduating high school. However, when high school students continue their postsecondary education at community college, their time-to-degree is significantly shorter.

A large share of joint enrollees enroll in postsecondary education after graduating high school. Sixty-one percent of joint enrollees from fiscal year 2004 attended a four-year college or two-year institution within three years of high school graduation. Forty-nine percent of joint enrollees transferred to a four-year institution after graduating high school.

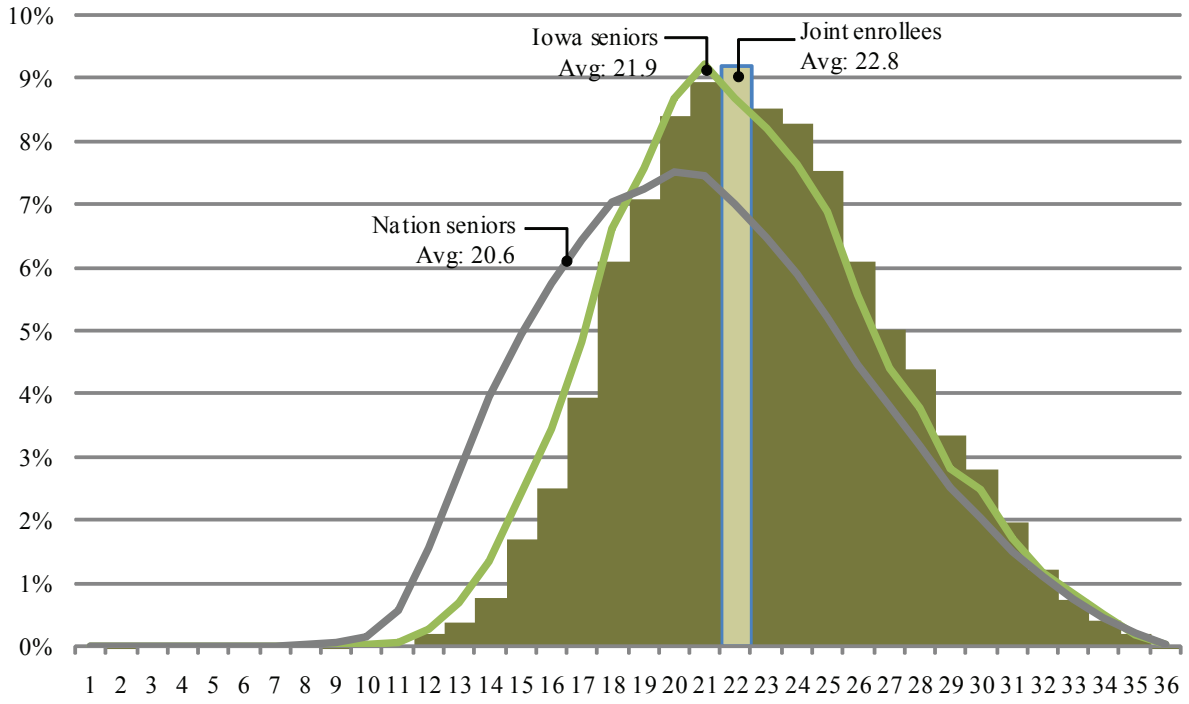
There were significant demographic difference between joint enrollees who attended a four-year institution and those who did not. Not surprisingly, a larger share of females transition to college than males. Females have typically enroll in colleges at a higher rate since the early 1980s. Similiarly, white students were 12 percent more likely to enroll in a four-year institution.

Joint enrollees are more likely to transition into 4-year institutions than remain at a community colleges. The average time-to-degree for a joint enrolled student who stayed at a community college was 2.6 years. Meanwhile, students who never jointly enrolled stays 3.5 years before completing a degree.

Students and the state will see returns to expedited community college degrees. Siegelman and Otto (2008) found a shorter time-to-degree saved up to $30.7 million in future college-related expenses for students and their families.

The State saved an equivalent of $21.7 million in future state general aid assistance as a result of short time-to-degree of joint enrolled students. Tax receipts were estimated to increase by $2.2 million from entering into the workforce earlier.

Figure 17-3: ACT Scores for Jointly Enrolled, Iowa Students, and Nationwide



Source: Iowa Department of Education, Bureau of Community Colleges; Bureau of Planning, Research, and Evaluation, and ACT Inc (2008). See Table 17-4.

Table 17-1: Joint Enrollment by College and Grade Level: 2008

College	< 9th	9th Grade	10th Grade	11th Grade	12th Grade	Total
Northeast	1	30	99	740||	1,292|||||	2,162||||||||
North Iowa Area	2	8	42	424|	751|||	1,227||||
Iowa Lakes	28	27	96	399|	610||	1,160||||
Northwest Iowa	1	2	20	234	381|	638||
Iowa Central	1	54	66	853|||	1,521||||||	2,495|||||||||
Iowa Valley	0	9	37	339|	688||	1,073||||
Hawkeye	0	26	159	521||	954|||	1,660||||||
Eastern Iowa	0	48	142	684||	1,264|||||	2,138|||||||
Kirkwood	0	50	254|	729||	1,408|||||	2,441|||||||||
Des Moines Area	8	170	847|||	3,598|||||||||||||	5,435|||||||||||||||||||||	10,058||||||||||||||||||||||||||||||||||||||||
Western Iowa Tech	5	86	210	648||	1,256|||||	2,205||||||||
Iowa Western	0		37	545||	1,071||||	1,653||||||
Southwestern	0	2	19	197	408|	626||
Indian Hills	3	6	40	347|	674||	1,070||||
Southeastern	0		12	270|	479|	761|||
Total	49	518	2,080	10,527	18,192	31,367
Percentage	0.16%	1.65%	6.63%	33.56%	58.00%	

Note: The total number of joint enrollees may be less than shown in Section 5 due to private school enrollments and data matching errors. Overall, the margin of error is ten percent. Each "|" denotes 250 students. Source: Iowa Department of Education, Bureau of Community Colleges and Bureau of Research, Planning, and Evaluation.

Table 17-2: Gifted and Talented Enrollment by College: 2008

College	Gifted & Talented	Percent of Joint Enrollment
Northeast	349|||	14%|||||||||||||
North Iowa Area	191|	15%||||||||||||||
Iowa Lakes	191|	12%|||||||||||
Northwest	64	11%||||||||||
Iowa Central	393|||	13%|||||||||||
Iowa Valley	154|	15%|||||||||||||
Hawkeye	281||	18%|||||||||||||||
Eastern Iowa	296||	14%|||||||||||||
Kirkwood	275||	11%||||||||||
Des Moines Area	1,500|||||||||||||||	16%|||||||||||||||
Western Iowa Tech	185|	10%|||||||||
Iowa Western	314|||	18%||||||||||||||||
Southwestern	88	14%||||||||||||
Indian Hills	151|	14%|||||||||||||
Southeastern	104|	14%||||||||||||
Total	4,536	14%

Note: Each "|" in the second column denotes 100 students. In the last column, each "|" denotes one percent. Source: Iowa Department of Education, Bureau of Community Colleges; Bureau of Research, Planning, and Evaluation, Basic Education Data Survey, student files; and Division of School Support and Information, Certified Enrollment files.

Table 17-3: Joint Enrollment by College and Free and Reduced Lunch Eligibility: 2008

College	Free Lunch	Reduced Lunch	Total	Percentage of joint enrollment
Northeast	221||||	147||	368||||||	15%|||||||||||||||
North Iowa Area	128||	73|	201||||	16%|||||||||||||||
Iowa Lakes	116||	83|	199|||	13%||||||||||||
Northwest	36	32	68|	11%|||||||||||
Iowa Central	317||||||	162|||	479||||||||	16%|||||||||||||||
Iowa Valley	125||	54|	179|||	17%||||||||||||||||
Hawkeye	172|||	86|	258|||||	16%|||||||||||||||
Eastern Iowa	259|||||	109||	368||||||	18%||||||||||||||||
Kirkwood	224||||	92|	316|||||	13%||||||||||||
Des Moines Area	975|||||||||||||||||||	383|||||||	1,358||||||||||||||||||||||||	15%|||||||||||||
Western Iowa Tech	261|||||	99|	360||||||	19%|||||||||||||||||
Iowa Western	167|||	105||	272|||||	16%|||||||||||||||
Southwestern	82|	42	124||	20%|||||||||||||||||
Indian Hills	134||	73|	207||||	20%|||||||||||||||||
Southeastern	114||	26	140||	18%|||||||||||||||||
Total	3,331	1,566	4,897	16%

Note: Each "|" denotes 50 students for headcounts. In the last column, each "|" denotes one percent. Source: Iowa Department of Education, Bureau of Community Colleges; Bureau of Research, Planning, and Evaluation, Basic Education Data Survey, student files; and Division of School Support and Information, Certified Enrollment files.

Table 17-4: Joint Enrollment by College and Free and Reduced Lunch Eligibility: 2008

College	PSEO		28E		Tuition		Total
	Free Lunch	Reduced Lunch	Free Lunch	Reduced Lunch	Free Lunch	Reduced Lunch	
Northeast	40|	28|	187|||||||	130|||||	21	12	418
North Iowa Area	16	13	107||||	60||	9	5	210
Iowa Lakes	56||	46|	68||	55||	3	7	235
Northwest	6	4	21	26|	4	0	61
Iowa Central	51||	27|	292||||||||||	153||||||		1	524
Iowa Valley	19	17	110||||	44|		0	190
Hawkeye	21	9	139|||||	73||	15	6	263
Eastern Iowa	30|	13	208||||||||	90|||	17	6	364
Kirkwood	42|	20	180|||||||	80|||	11	1	334
Des Moines Area	45|	23	913||||||||||||||||||||||||||||||||	364|||||||||||||	33|	23	1,401
Western Iowa Tech	12	7	208||||||||	73||	0	0	300
Iowa Western	21	16	150||||||	89|||	1	1	278
Southwestern	36|	23	58||	29|	2	1	149
Indian Hills	54||	25|	70||	41|	10	6	206
Southeastern	11	5	97|||	24	5	0	142
Total by Lunch Eligibility	460	276	2,808	1,331	131	69	5,075
Total by Enrollment Type	736		4,139		200		5,075

Note: Students may appear in more than one "enrollment types", but will not be counted more than once in each type. Thus, totals for this chart will not necessarily equal the totals from Table 17-2. Each "|" denotes 25 students. Source: Iowa Department of Education, Bureau of Community Colleges; Bureau of Research, Planning, and Evaluation, Basic Education Data Survey, student files; and Division of School Support and Information, Certified Enrollment files.

Table 17-5: ACT Composite Scores by College: 2008

College	Test Takers	Average ACT Composite	Standard Deviation
Northeast	1,212	22.7	4.0
North Iowa Area	637	22.4	4.1
Iowa Lakes	548	23.1	4.4
Northwest	318	23.1	4.0
Iowa Central	1,071	22.6	4.1
Iowa Valley	489	22.3	4.0
Hawkeye	853	22.5	4.2
Eastern Iowa	1,015	22.5	4.2
Kirkwood	1,013	22.8	4.1
Des Moines Area	4,198	23.5	4.6
Western Iowa Tech	1,016	22.3	4.4
Iowa Western	1,058	22.8	4.0
Southwestern	357	22.1	3.8
Indian Hills	518	22.4	4.2
Southeastern	320	22.4	4.5
Iowa's Joint Enrollees	14,623	22.9	4.3
Iowa	22,950	22.4	4.4
Nation	1,421,941	21.1	5.0

Note: Each "|" denotes 100 students in the count column or 0.5 on the composite score. Source: The average Iowa score and National score is derived from ACT Inc, (2008), college data derived from Iowa Department of Education, Bureau of Community Colleges and Bureau of Planning, Research, and Evaluation.

Table 17-6: Post-graduation Intent for Graduated Seniors by College: 2008

College	Four year private college	Four year public college	Community College	Two Year Private College	Other Postsecondary	Employment	Homemaker	Active Military	Unknown	No Response	All	Total
Northeast	10.6%	17.6%	23.9%	0.8%	0.7%	2.4%	0.0%	0.8%	0.8%	42.4%	0.0%	2,125
North Iowa Area	6.8%	15.0%	32.6%	0.4%	0.7%	1.8%	0.0%	0.4%	1.3%	41.0%	0.0%	1,214
Iowa Lakes	10.3%	14.2%	18.2%	0.1%	0.7%	1.8%	0.0%	0.8%	1.4%	52.5%	0.0%	1,139
Northwest	16.4%	17.3%	15.4%	0.3%	1.6%	1.4%	0.0%	0.8%	1.0%	45.8%	0.0%	629
Iowa Central	7.6%	14.5%	25.0%	0.6%	0.8%	1.4%	0.0%	1.0%	1.4%	47.6%	0.1%	2,422
Iowa Valley	8.2%	17.0%	31.3%	0.4%	0.6%	1.1%	0.0%	0.9%	0.6%	39.9%	0.0%	1,044
Hawkeye	6.2%	23.0%	21.3%	0.4%	0.2%	0.5%	0.0%	0.7%	1.6%	45.9%	0.0%	1,641
Eastern Iowa	9.0%	17.0%	22.7%	0.5%	1.5%	2.5%	0.0%	0.9%	1.4%	44.5%	0.0%	2,095
Kirkwood	8.9%	14.4%	23.5%	0.5%	1.1%	2.2%	0.0%	1.1%	2.1%	46.2%	0.0%	2,367
Des Moines Area	9.5%	16.8%	15.7%	0.7%	1.4%	2.2%	0.0%	0.8%	2.0%	50.8%	0.0%	9,027
Western Iowa Tech	7.7%	19.7%	16.3%	0.7%	0.9%	2.4%	0.1%	1.3%	2.3%	48.5%	0.0%	2,149
Iowa Western	8.7%	24.0%	20.7%	0.6%	1.0%	1.5%	0.1%	1.0%	3.2%	39.2%	0.0%	1,632
Southwestern	8.9%	18.3%	27.6%	2.1%	1.8%	2.9%	0.0%	1.3%	0.8%	36.3%	0.0%	617
Indian Hills	10.7%	14.1%	30.9%	0.3%	0.7%	1.5%	0.3%	0.3%	1.2%	39.9%	0.0%	1,054
Southeastern	3.7%	15.9%	26.5%	0.3%	0.9%	1.6%	0.0%	1.6%	6.4%	43.1%	0.0%	750
Total	2,660	5,148	6,324	180	315	583	8	265	551	13,869	2	29,905

Note: Graduation intent was only mandatory for graduating high school students.. Intent does not necessarily lead to actual outcomes. Source: Iowa Department of Education, Bureau of Community Colleges and Bureau of Planning, Research, Development and Evaluation Services, Basic Education Data Survey, Graduate Follow-up/Intention files.

Table 17-7: Joint Enrollments by College and Course: 2008

College	Number of Courses	Average Courses	Standard Deviation
Northeast	5,595|||||	2.7|||||	1.9
North Iowa Area	2,936||	2.4||||	2.1
Iowa Lakes	3,939|||	3.4||||||	2.7
Northwest	1,867|	3.0|||||	2.5
Iowa Central	8,469||||||||	3.5|||||||	2.4
Iowa Valley	2,639||	2.6|||||	1.8
Hawkeye	3,463|||	2.1||||	1.5
Eastern Iowa	4,036||||	1.9|||	1.5
Kirkwood	5,611|||||	2.4||||	2.1
Des Moines Area	21,552||||||||||||||||||||	2.6|||||	1.7
Western Iowa Tech	5,594|||||	2.6|||||	1.7
Iowa Western	4,695||||	2.9|||||	1.8
Southwestern	1,581|	2.6|||||	1.7
Indian Hills	3,074|||	2.9|||||	2.6
Southeastern	1,838|	2.5||||	2.0
Total	76,889	2.7	2.0

Note: Calculations counts the number of courses enrolled, but does not account for credit hours.
Source: Iowa Department of Education, Bureau of Community Colleges.

A Glossary

For complete definitions of Community College Management Information System (MIS) data elements, see the Fiscal Year 2008 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

ACT, Inc. 2008a. *ACT high School Profile Report: Iowa*. Iowa City, IA: ACT, Inc. http://www.act.org/news/data/08/pdf/states/Iowa.pdf.

—. 2008b. *ACT High School Profile Report: National*. Iowa City, IA: ACT, Inc. http://www.act.org/news/data/08/pdf/National2008.pdf.

Becker, Gary S. 1993. *Human Capital: A Theoretical and Empirical Analysis, with Special Reference to Education*. 3rd ed. University Of Chicago Press.

Congressional Budget Office. 2008. Congressional Budget Office - Economic Projections. *Congressional Budget Office - Economic Projections*. http://www.cbo.gov/budget/econproj.shtml.

Freeman, Catherine E. 2004. *Trends in Educational Equity of Girls & Women: 2004*. Washington : U.S. Department of Education, National Center for Education Statistics.

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. 2002. *The Annual Condition of Iowa's Community Colleges: 2001*. Des Moines, IA: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Bureau of Community Colleges and Career and Technical Education.

—. 2008a. *The Annual Condition of Education Report: 2008*. Des Moines, IA: Iowa Department of Education, Division of School Support and Information.

—. 2008b. *The Annual Condition of Iowa Community Colleges: 2007*. Des Moines, IA: Iowa Department of Education, Division of Community Colleges and Workforce Preparation, Bureau of Community Colleges and Career and Technical Education.

Iowa State Board of Regents. 2007. *Fall Enrollment 2007*. Board of Regents.

Karp, Melinda Mechur, Thomas Bailey, Katherine L. Hughes, and Baranda J. Fermin. 2004. *State Dual Enrollment Policies: Addressing Access and Quality*. Washington D.C.: U.S. Department of Education, Office of Vocational and Adult Education.

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. 2008. *Postsecondary Institutions in the United States: Fall 2007, Degrees and Other Awards Conferred: 2007-07, and 12-Month Enrollment: 2006-07*. Washington D.C.: U.S. Department of Eduation, National Center for Education Statistics,

Institute for Education Sciences.

Knapp, Laura G., Janice E. Kelly-Reid, and Roy W. Whitmore. 2006. *Enrollment in Postsecondary Institutions, Fall 2004; Graduation Rates, 1998 & 2001 Cohorts; and Financial Statistics, Fiscal Year 2004*. E.D. Tab. Washington, DC: National Center for Education Statistics, February. http://nces.ed.gov/pubs2006/2006155.pdf.

Laanan, Frankie Santos, Jonathan I. Compton, Soko S. Starobin, Latrice E. Eggleston, Christopher A. Duree, Janice N. Friedel, and Christopher Evans. 2007. Transfer Behavior of Iowa Community College Students. *OCCRP Research Brief*, no. 1 (May): 4.

Laanan, Frankie Santos, Soko S. Starobin, Tom Schenk Jr., Jonathan I. Compton, Adam R. Audino. Forthcoming, 2009. The Role of Joint Enrollment in Facilitating Students' Participating in Psotsecondary Education. *OCCRP Research Brief*, no. 2.

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 Eduation, 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.

Snyder, Thomas D., Sally A. Dillow, and Charlene M. Hoffman. 2008. *Digest of Education Statistics: 2007*. Washington D.C.: U.S. Department of Education.

Snyder, Thomas D., Alexandra G. Tan, and Charlene M. Hoffman. 2004. *Digest of Education Statistics 2003*. Washington D.C.: U.S. Department of Education, December.

U.S. Census Bureau. 2008. *Population Estimates*. Washington D.C.: U.S. Census Bureau, Population Division. www.census.gov/popest/.

Waits, Tiffany, J. Carl Setzer, and Laurie Lewis. 2005. *Dual credit and Exam-Based Courses in U.S. Public High Schools: 2002-03*. Washington D.C.: U.S. Department of Education, April. http://nces.ed.gov/pubs2005/2005009.pdf.

C Index

A

Accelerated Career Education (ACE 260G) 167
ACT 260
administrators 227
Adult Literacy
  employment 180
  postsecondary education 180
Agriculture 171–176
apprenticeship 8–9
articulation. *See* transfer
arts and sciences 85–128, 179
Associate of Applied Science 179
Associate of Arts 22

B

Business 130–132
Business, Management and Administration 21–22
Business, Management, and Administration 87–128

C

Career and Technical Education 21
Career and Technical Education (CTE) 8–9, 49–64, 72, 85–128
Career Clusters 52, 129–132
concurrent credit 65. *See also* joint enrollment
contractual agreement 65, 71, 260
credit hours
  fall 22
  fiscal year 53
  joint enrollment 49, 67
  online 49–50
  online enrollment 22

D

dual credit. *See also* joint enrollment

E

employees 227–258
  age 228–232
  education attainment 228
  salary. *See* instructors | salary
enrollment
  fall
    definition 53
  fiscal year 49–64
  full-time and part-time 10
  joint enrollment 202–203

F

faculty. *See* instructors
Fall Enrollment 22
Family and Consumer Sciences 197–200
financial aid 203–204
free and reduced lunch 260

G

gifted and talented 260
graduate intent 260
graduation rate 178

H

Health Science 21–22, 87–128, 130–132
high school students. *See* joint enrollment

I

instructors 227
  adjuncts 227
  salary 232
Iowa Coordinating Council on Post-High School Education 167

J

joint enrollment 50–51, 65–84
jointly enrolled students 259–268
  ACT 260
  intent after graduation 260

M

Manufacturing 50

P

Postsecondary Enrollment Options (PSEO) 65, 71, 260
Project EASIER 259

R

racial/ethnic minorities 9–10, 53, 54, 86–87, 229
residency 53, 53–54

S

salary
  instructional. *See* instructional | salary
  student. *See* wages of graduates
Science, Technology, Engineering, and Mathematics
    (STEM) 23
Senior Year Plus 22
socioeconomic status 260
State General Aid 201
student age 177–178

T

time-to-degree 178
  joint enrollment 261
transfer 179–180, 260–261
tuition 185–196
  joint enrollment 71, 260
  national comparison 185
  regional comparison 187

W

wages of graduates 179

Community Colleges &
Workforce Preparation