

Iowa Coordinating Council for Post-High School Education (ICCPHSE)

Thursday, November 1, 2018

8:00 - 9:30 A.M.

Iowa River Landing Specialty Clinic - Conference Room (Lower Level)

105 E. 9th Street

Coralville, IA 52241

AGENDA

- | | | |
|------------|---|--|
| 1. | Welcome | Patricia Draves, Chair |
| 2. | Call to Order and Introductions | Patricia Draves, Chair |
| 3. | Approval of Meeting Minutes – (Attachment) <ul style="list-style-type: none">• July 24, 2018 | Jeremy Varner, Recording Secretary |
| 4. | Treasurer’s Report (Attachment) | Patricia Draves, Treasurer |
| 5. | Overview of E-transcript Proposal
<i>The Board of Regents and the Iowa Department of Education are working together to develop electronic transcripts for all Iowa high schools.</i> | Jeremy Varner, Recording Secretary
Rachel Boon, Permanent Secretary |
| 6. | Update on Fall Enrollment and Home Base Iowa
<i>Iowa College Aid is now collecting data needed for these mandatory state reports. They will update us on the status of the data collections and plans for reporting.</i> | Mark Wiederspan, Iowa College Student Aid Commission |
| 7. | 2018 Condition of Higher Education Report
<i>Iowa College Aid recently released its biennial report on the Condition of Higher Education in Iowa. They will share highlights.</i> | Mark Wiederspan, Iowa College Student Aid Commission |
| 8. | Notices of Intent (Attachment) <ul style="list-style-type: none">• Programs without concerns for ratification | Rachel Boon, Permanent Secretary |
| 9. | Reminder of Purpose of ICCPHSE
<i>Summarized purpose - review new programs & offering existing programs at new sites to provide counsel to Iowa College Aid Commission. Provide forum on systematic gathering of data and conducting studies of issues pertaining to post-high school education in Iowa.</i> | Patricia Draves, Chair |
| 10. | Membership for 2018-2019 (Attachment)
<i>The Chair will ask for any updates and corrections to the membership listing</i> | Patricia Draves, Chair |
| 11. | New Business for the Good of the Order | Patricia Draves, Chair |

**Iowa Coordinating Council for Post-High School Education
(via Conference Call)**

ICCPHSE Executive Committee Meeting Minutes – Tuesday, July 24, 2018

1. Welcome—Mark Nook, Chair

The Iowa Coordinating Council for Post-High School Education (ICCPHSE) Executive Committee met via conference call on Tuesday, July 24, 2018, at 1:00 PM. Chair Mark Nook welcomed the Executive Committee members and guest to the meeting.

2. Call to Order and Introductions—Mark Nook

Chair Nook called the meeting to order. The following Executive Committee members and guests were present:

- Rachel Boon, Board of Regents*
- Laura Dickson, Executive Assistant, Board of Regents
- Patricia Draves, Graceland University*
- Mark Nook, University of Northern Iowa*
- Jeremy Varner, Iowa Department of Education*

* Indicates voting delegate.

3. Approval of Meeting Minutes—Jeremy Varner, Recording Secretary

Jeremy Varner presented the minutes from the April 18, 2018, ICCPHSE meeting for approval.

Action: Pat Draves asked for a motion to approve the April 18, 2018, meeting minutes. A motion was made by Mark Nook and seconded by Rachel Boon to approve the minutes. The minutes were unanimously approved. Motion passed.

4. Treasurer’s Report—Patricia Draves, Treasurer

Patricia presented the Treasurer’s report through July 1, 2018. Treasurer Draves explained the Council’s income and expenditures for 2017-18 through April 5, 2018, with the projected end-of-year balance. Treasurer Draves stated one expenditure to the Way-Up campaign. Rachel Boon asked if dues had been solicited from the other institutions, Pat said she would follow-up with those who had not paid.

Action: Mark Nook moved and Jeremy Varner seconded for approval of the Treasurer’s report. Motion passed.

5. Update on Enrollment Reporting—Rachel Boon, Permanent Secretary

We will continue this year with having fall enrollment reporting collected by the Iowa College Student Aid Commission. Rachel has been in touch with Joe Dullard at Iowa College Student Aid and all is on track to gather this data, as well as the information needed for Home Base Iowa reporting in October.

Patricia asked if the enrollment report would be going to the full ICCHPSE meeting in November. Rachel indicated we could check with the Iowa College Student Aid Commission about what is available and make it a discussion item at the November 1 meeting.

Patricia indicated that the group discussed potential changes to the report at the fall meeting last year and that perhaps we should share the data at the fall or the spring meeting to get feedback.

Mark said we are asking for changes and things are moving. He concurred with adding it as an agenda item in November, but not presenting the data until the spring 2019 meeting, if it seems appropriate. Patricia suggested that we ask the Council members how they are using the data.

6. Iowa Students Leaving the State—Patricia Draves

Patricia reported that this topic of discussion is for the ICCPHSE Executive Committee, in lieu of the full Council. She asked why we aren't having the conversations about half of the lowans leaving the state?

Mark said there are not discussions unless it is happening with Director Wise and the Department of Education and that each institution is likely looking at this separately.

Patricia indicated we should look at data from other states; her sense is that the numbers leaving are fairly high. She asked whose role is it to address this (e.g., Iowa presidents, economic development leaders, etc.) and whether it would be within the mission of the Council. She indicated she thinks the conversation is not happening.

Mark said he always looks at pipeline data including how many high school students stay in the state or leave for higher education. He noted the University of Northern Iowa carefully tracks where its students come from and where they are six months after graduation for both residents and nonresidents. He indicated he does not know the picture statewide.

Jeremy reported we do increasingly have the ability to answer that question through state longitudinal data sharing. He was not aware if the Department of Education has looked at five or ten years out. We do have information one year out. He also reported that this information is part of the Department's Postsecondary Readiness Report.

Mark said we know we import them for education, but the question is whether we actually keep them after they finish postsecondary education. The Iowa Business Council is worried about the issue and they may be a group that picks this up.

Rachel and Jeremy indicated that these questions can be addressed through unemployment insurance administrative records. These questions have been answered for community colleges, but not for higher education in the state more broadly, particularly private colleges. Rachel and Patricia agreed to meet to discuss private college data inclusion in data sharing agreements.

7. E-Transcript Project—Rachel Boon and Jeremy Varner

Rachel indicated that Mark and Pat are hearing about this for the first time. This topic should be on the ICCPHSE November agenda.

Jeremy said we have been talking of the notion of e-transcripts for a number of years and have actually had grant funded projects. He indicated the point of frustration, particularly in higher education, is that we do not have a system in place. College admissions offices have to deal with all kinds of ways to deal with transcripts, including paper or scans of paper and data that has to be re-entered and the process is cumbersome and expensive. Some of the colleges do not always get high school transcripts which hampers placement decisions and ultimately reduces student success.

Iowa State University (ISU) has started to do a lot of work on this issue leveraging their work developing MAP. Jeremy indicated we need to figure out how to solve this for our state. A group was pulled together including staff from ISU, the Department of Education (K-12 and community colleges divisions), as well as the Board of Regents and the Iowa College Student Aid Commission. Jeremy indicated he is excited that a plan is coming together. There is still a lot of detail to work out (e.g., how system data will come from school districts and what field transcripts will include). Jeremy noted the right people are at the table to develop a plan that might work and that there is commitment from education leaders, like Director Wise and Executive Director Mark Braun. He indicated that if we can get this done, for the majority of our students, it will get rid of a lot of headaches.

Rachel said that this being 2018, e-transcripts are the logical place to be heading. All three of Iowa's public universities have been involved in this. Patricia reported that Graceland currently receives paper transcripts and scans them. Others reported similar processes. Mark asked if the registrars have been involved in this discussion. Rachel said admissions staff have been involved in lieu of the registrars. The regents' registrars were briefed and they are aware it is on the horizon, but there is not a lot to do at this point. She noted it is going to require resources to get the project off the ground.

Mark stated the other issue, which will be the most difficult, will be on the coding side and the format. He asked whether the format will be useable or whether specific software packages would be needed. Rachel replied that raw data would be provided through the system and that it will give all institutions the ability to answer important questions.

Patricia suggested not waiting too long to bring in the registrars. Rachel made note of that. She reiterated her excitement for the work and indicated it will be added to the November 1, 2018, ICCPSHE agenda.

8. Request for Vice-Chair—Rachel Boon

Rachel noted ICCHPSE is looking for a recommendation for a community college president to serve as vice-chair this academic year. ICCPHSE rotates the chair and vice-chair positions by sector (i.e., public university, private college, and community college). Jeremy indicated he will follow-up with MJ Dolan, Executive Director of the Iowa Association of Community College Trustees. A community college president will be appointed at the October meeting of the Iowa Association of Community College Presidents.

9. Plan for Future Meetings—All

Chair Nook indicated there is a full agenda for the ICCPHSE meeting on November 1. Rachel said the November 1 meeting is the first day of the Way-Up Conference in Coralville.

Rachel asked members to let her know if they would like to invite any presenters from any particular group to the next meeting. Following up on e-transcripts and students leaving the state, she noted we could invite guests to present and asked for suggestions.

Chair Nook indicated he did not see us following up on students leaving the state. E-transcripts would be a good topic and focus. He noted this might be a great time to have that conversation. In regard to enrollment reporting, he indicated it is necessary to have Iowa College Student Aid Commission (ICSAC) give a report at the November meeting, but ICSAC staff would be there to answer any questions.

Patricia asked Rachel and Mark about the emails being sent out regarding new programs. Is there anything we need to do when there are questions about new programs? Rachel said we do not get offline communication about the programs posted on listserv at the Board office and that Laura manages the listserv. The level of interaction about programs that get posted is fairly typical.

Rachel said the ICCPHSE 2019 spring meeting could be held on campus or electronically. Chair Nook indicated he would like have this discussion at the November meeting. Patricia suggested meeting face-to-face in November and electronically in the spring.

10. Membership for 2017-18—Mark Chair

Discussion took place regarding the membership list. Chair Nook indicated the highlighted blank spots need to be filled. Rachel said she contacted Karen Misjak and she will be the main contact at the ICSAC. She indicated we have not yet reached out to Gary Steinke from the independent colleges and that Dr. Decker has retired from Mercy. Patricia said she sits on that board and will check on that. Rachel indicated we have someone from the for-profits, but they cannot be one of the representatives on the Council.

11. Listserv Update—Laura Dickson

Laura reported that they made a decision to remove the emails of those that were not an Iowa institution. We previously had Nebraska and Illinois institutions on the listserv. She noted they have to be a part of Iowa. She also removed any duplicate addresses. There are over 100 names on the listserv. Some institutions have one representative and others have many.

12. Notices of Intent—Rachel Boon

Programs Without Concerns for Ratification

Indian Hills Community College

1. Medical Assistant
Associates in Applied Science
CIP #51.08010100
2. Respiratory Care Therapy/Therapist
Associates in Applied Science
CIP #51.09080200

Iowa State University

1. Cyber Security Engineering
Bachelor of Science
CIP #29.0207
On Campus

2. Doctor of Education (Ed.D.)
Doctoral
CIP 13.0101
On Campus and On-Line

(Note: Drake University and Allen College withdrew their concern on June 5, 2018, via the listserv once Iowa State University addressed their concerns.)

St. Ambrose University

Bachelor of Science in Data Science and Analytics
Bachelor of Science
CIP #11.0501, 11.0802, 27.0501, and 27.0503

Allen College

Occupational Therapy Doctorate - Entry-level
OTD.E
CIP # 51.2306
On Campus

University of Iowa

Bachelor of Arts in College of Education

1. Art Education
CIP # 13.1302
2. English Education
CIP # 13.1305
3. Foreign Language Education
CIP # 13.1306
4. Mathematics Education
CIP # 13.1311
5. Music Education
CIP # 13.1312
6. Science Education
CIP # 13.1316
7. Social Studies Education
CIP # 13.1318
On Campus

Wartburg College

Exercise Science
Bachelor of Arts
CIP # 31.0505
On Campus

Iowa Western Community College

1. Laser and Optical Technology/Technician
Associates in Applied Science
CIP # 15.03040200
On Campus

2. Machine Tool Technology/Machinist
Diploma
CIP # 48.05010100
On Campus
3. Electrician
Diploma
CIP # 46.03020100
On Campus

Southeastern Community College

1. Occupational Therapy Assistant
Associates in Applied Science
CIP # 51.08030200
On Campus
2. Advanced Automation & Robotics Technology
Associates in Applied Science
CIP # 15.04060200
On Campus
3. Pharmacy Technology
Diploma
CIP # 51.08050100
On Campus

University of Iowa (*Note: 20-day ends 07/24/18)

Professional Master of Business Administration*
PMBA
CIP #52.0201
On-line (Program already exists on campus.)

Drake University (*Note: 20-day ends 07/25/18)

1. Master of Public Administration*
Master's degree
CIP #44.0401
On-line (Program already exists on campus.)
2. Master of Business Administration*
Master's degree
CIP #52.0201

Rachel reported that the 20-day ends today and one end tomorrow. Perhaps we can make ratification or concerns within 24 hours. Laura sends out the notice, so she will wait until Friday.

Rachel reported that the colleges listed above had programs without concerns for ratification. Chair Nook asked for a motion.

Action: Patricia Draves moved and Mark Nook seconded to ratify the above noted programs. Motion passed.

13. For the Good of the Order—Mark Nook

Patricia inquired about the dues and whether formal action is required or whether executive action by the Council is adequate. Rachel noted the by-laws state that if there is a quorum of the Executive Council, action can be taken. Chair Nook concurred with leaving the dues at the same level. Patricia reported that more revenue isn't needed and agreed to keeping them at the same level.

Chair Nook moved to adjourn the meeting. Patricia Draves seconded; the meeting adjourned at 2 PM. Motion passed.

Respectfully submitted by:
Jeremy Varner, ICCPHSE Recording Secretary

Iowa Coordinating Council for Post High School Education

		7/1/2018 - 6/30/2019	
		2018-19	
		Budget	Actual
I.	ICCPHSE Beginning Balance	\$2,495.15	\$2,495.15
II.	Income		
A.	Dues		
	Board of Regents	\$300.00	\$300.00
	Dept./Education	100.00	100.00
	IAICU	300.00	300.00
	IACCT	300.00	300.00
	ICSAC	100.00	100.00
	IPTV	100.00	0.00
	IAPBS/IPSSA	300.00	0.00
		<hr/>	<hr/>
		\$1,500.00	\$1,100.00
B.	Interest Income	0.00	0.00
C.	Articulation Conference	0.00	0.00
		<hr/>	<hr/>
	Total Income	\$1,500.00	\$1,100.00
III.	Expenses		
A.	Committee and Hospitality Expense	1,000.00	0.00
B.	Distance Learning Expense	0.00	0.00
C.	Way Up	500.00	500.00
D.	Reserve Fund	0.00	0.00
		<hr/>	<hr/>
	Total Expense	\$1,500.00	\$500.00
IV.	ICCPHSE Balance	\$2,495.15	\$3,095.15

Account Balances

Balance 10 /17/2018	\$5,616.59	
Plus Revenue	1,100.00	
Less expenses	500.00	
Ending Balance		<u><u>\$6,216.59</u></u>

Components of Balance

Way Up Balance	\$1,910.77	
Carol Kay Memorial	1,210.67	
ICCPHSE Balance	3,095.15	
Ending Balance		<u><u>\$6,216.59</u></u>

Iowa High School Standardized Electronic Transcript Proposal

Challenge

The state of Iowa is focused on building its talent pipeline through postsecondary training and education that develops skills and knowledge for the careers of today and the future. This imperative to provide each student with the tools to succeed is the driving force behind an initiative to develop and deploy a statewide high school e-transcript.

As part of its land-grant mission to serve the educational needs of all Iowans, Iowa State University is leading this effort in conjunction with the Iowa Department of Education. Today, all Iowa high schools provide essentially the same information on student transcripts, but each district has developed its own unique format. The recent growth of Standards-Based Grading/Competency-Based Education adds to this district-to-district variance. As a primary tool to communicate postsecondary readiness, colleges, universities and employers rely on transcripts in assessing for admission and placement – critical junctures in student success trajectories.

Added to this situation are resource challenges and inefficiencies in postsecondary and K-12. Despite available technology, many Iowa districts are still sending transcripts via postal mail. Districts using electronic submission are sending a PDF, which adds little efficiency or access to data. This environment places a burden on Iowa's public secondary schools, community colleges, and Regent universities. However, it also provides enormous opportunity for accelerating access and student success, and attaining time and cost savings, all essential to the goals of Future Ready Iowa.

Proposed Solution

Iowa State University, the Board of Regents State of Iowa, the Iowa Department of Education (IDE), and the Iowa Student Aid Commission (ISAC) propose the creation of a standardized electronic transcript system for all Iowa public secondary schools. Schools could adopt this state-wide e-transcript on a voluntary basis beginning in 2020, with potential mandatory adoption by 2022.

Objectives met by this proposed solution:

1. Provide all 12th grade students with a Regent Admission Index (RAI) score and a list of the Regent universities and local community college to which they are automatically admissible (encouraging increased college-going for Iowa's first generation, underserved, and/or low socioeconomic students).
2. Provide an equitable way for Iowa's college and universities to conduct admission and placement evaluations of students from Iowa districts with varied grading systems.
3. Support more accurate course placement through use of multiple measures of college readiness leading to increased student success and likely decreasing numbers of students placed into developmental education courses.
4. Simplify transfer of secondary student records from one Iowa school district to another, improving student support and access to learning for transient students.
5. Eliminate the burden of sending transcripts for Iowa high schools, generating increases in efficiency and annual cost savings, and eliminating transcript fees charged to students in some districts.
6. Eliminate or significantly reduce the manual processing of Iowa high school transcripts, generating increases in efficiency and annual cost savings to many postsecondary institutions.
7. Provide a rich pool of state-wide data for research, evaluation, and accountability purposes.
8. Reduce transcript fraud by using secure technology to exchange data, reducing chances of tampering.

Overview of Proposed E-Transcript System

The implementation team would develop the e-transcript system in two phases:

1. Create a secure transcript data repository. (Formatting of data collected would accommodate the large variances in grading systems such as traditional/non-traditional, weighted/non-weighted, etc.)
2. Create a modern delivery mechanism for immediate and secure transmission of transcript data.

Estimated Costs and ROI

Table 1: Estimated Annual Costs*

	Year 1	Year 2	Each Subsequent Year
ISU Implementation	\$100,000	\$100,000	NA
IDE Implementation	\$125,000	\$125,000	NA
ISU Maint./Support	NA	NA	\$20,000
IDE Maint./Support	NA	\$60,000	\$60,000
TOTAL	\$225,000	\$285,000	\$80,000

*Assuming e-transcript system is live after year 2

Table 2: Estimated Annual ROI*

	Annual ROI
Iowa Secondary Schools	\$480,000
Iowa Regent Universities	\$118,075
Iowa Comm. Colleges	\$36,570
TOTAL	\$634,645

*Full ROI will not be realized until all Iowa public secondary schools participate in e-transcript system.

ROI for Iowa Secondary Schools

After conferring with school districts across the state, it is estimated that Iowa's high schools send out an average of 2.5 transcripts per graduate. Given there are approximately 35,000 Iowa high school graduates per year, the estimated total number of transcripts sent annually by Iowa high schools is 87,500. There are numerous expenses which contribute to the high school's cost, including printing, postage, and staff time. Parchment, a leading commercial transcript vendor, estimates the high school's total cost to be \$8.30 per transcript. Using these figures, Iowa high schools spend approximately \$726,000 annually to send transcripts. It is estimated the e-transcript system would eliminate approximately two-thirds of this cost, or \$480,000.

ROI for Iowa Regent Universities

To illustrate cost savings for Iowa's public colleges and universities, Iowa State University receives approximately 6,800 Iowa high school transcripts annually. Total processing time is roughly 1,700 hours, equivalent to approximately \$42,500. The e-transcript system would eliminate all of these costs, generating \$42,500 annual savings for Iowa State University.

Assuming all Regent universities process transcripts at the same rate and cost, the estimated cumulative savings for all Iowa public colleges and universities is \$118,075 (see Table 3).

In addition to these savings, e-transcript will also reduce costs for Iowa's Regent universities by making them less reliant on the rapidly growing number of transcript vendors who charge significant fees for their services. As an example, Parchment recently quoted an annual licensing fee of \$14,500 to Iowa State University.

ROI for Iowa Community Colleges

According to a recent survey of the 15 colleges, 80% of those responding are using or exploring a multiple measures assessment approach to college course placement. Thus a significant cost benefit would be found at Iowa's community colleges by enhancing the quality of the multiple measures assessment through a statewide standardized high school transcript, and providing the opportunity to automate part of the assessment process using the electronic transcript format. Accurately placing students in college or pre-college courses according to their individual level of need and readiness presents the potential for a significant return on the investment through increased student success and outcomes.

Processing of high school transcripts within the community college admissions department is more limited than calculating the RAI score and making an admissions decision. The more costly processing is in the advising/placement process, where analysis of the transcript and other factors are considered within a multiple measures assessment process for accurate course placement. Based on an informal survey of Iowa's community colleges, approximately 43,885 Iowa high school transcripts are received annually. The time to process these within the admissions department (not including analysis time for placement) is roughly 3,657 hours, which translates to a potential cost savings within the admissions process across all community colleges of approximately \$36,570.

Table 3: ROI Breakdown for Iowa Public Colleges and Universities

College/University	Fall 2017 Resident Freshman Applications	Estimated Transcript Count	Estimated Processing Hours	Estimated Annual Savings
Iowa State University	5773	6800	1700	\$42,500
University of Iowa	6372	7519	1880	\$47,000
University of Northern Iowa	3873	4570	1143	\$28,575
Iowa Regent Universities Total	16,018	18,889	4723	\$118,075
Iowa Community Colleges Total	NA	43,885	3,657	\$36,570*
All Public Colleges and Universities Total	NA	62,774	8,380	\$154,645

**Processing of high school transcripts within the community college admissions department is more limited than calculating the RAI score and making an admissions decision. Basic admissions processing time is ~5 minutes/transcript, and most often performed by entry-level or work study personnel.*



The 2018 Condition of Higher Education in Iowa

Report Outline

- Benefits of a College Degree
- Demand for an Educated Workforce
- College Readiness
- College Prices & Financial Aid
- College Success (Enrollment & Completion)
- Looking Ahead

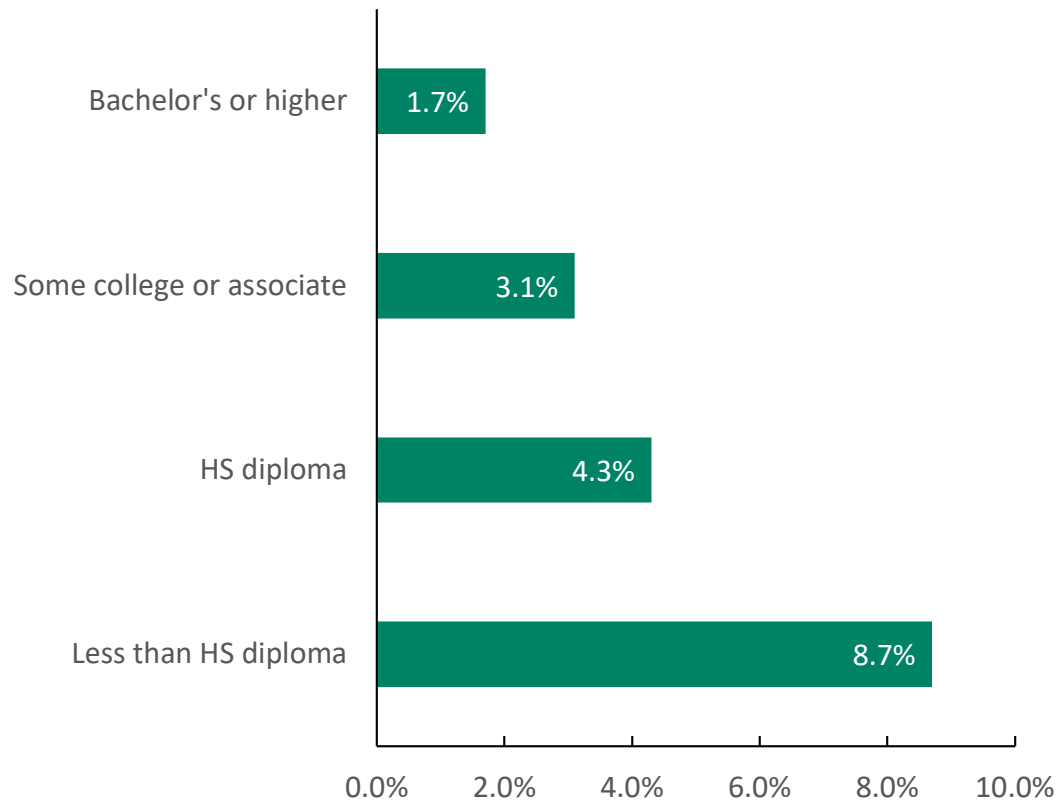
IOWA BENEFITS OF A COLLEGE DEGREE

Public & Private Benefits with Postsecondary Degree

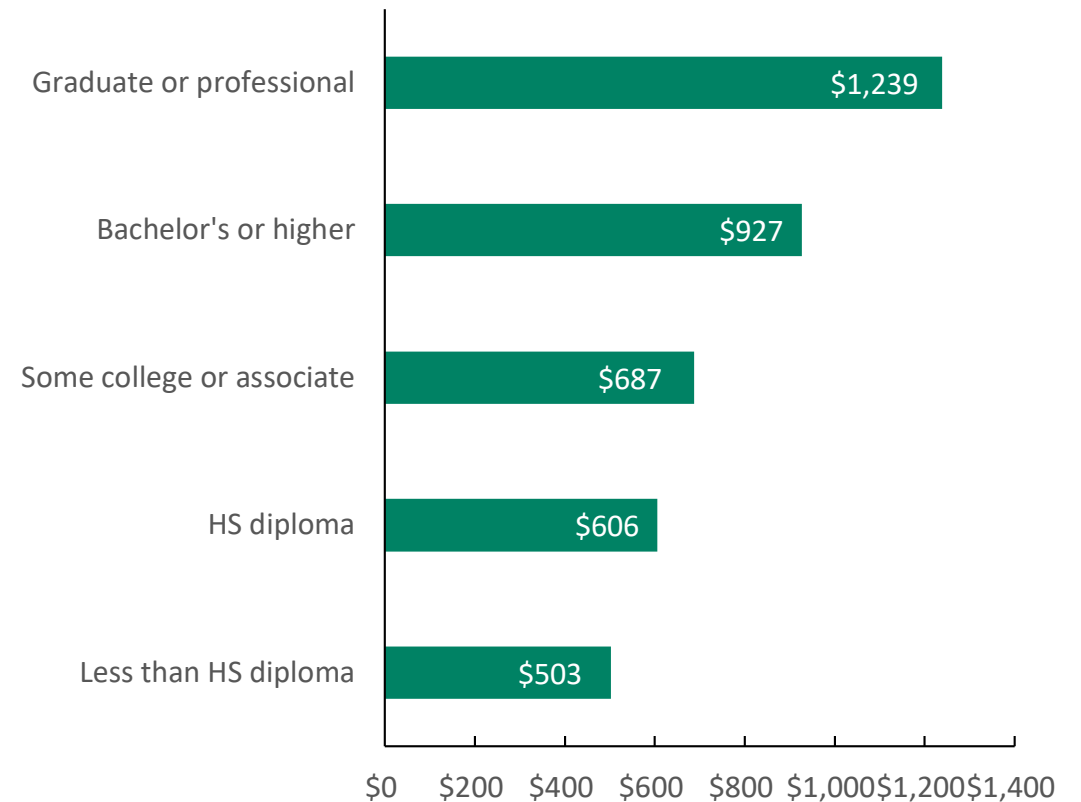
	Public	Private
Economic	<ul style="list-style-type: none"> • Increased Tax Revenues • Greater Productivity • Increased Consumption • Increased Workforce Flexibility • Decreased Reliance on Government Financial Support 	<ul style="list-style-type: none"> • Higher Salaries and Benefits • Employment • Higher Savings Levels • Improved Working Conditions • Personal/Professional Mobility
Social	<ul style="list-style-type: none"> • Reduced Crime Rates • Increased Charitable Giving/Community Service • Increased Quality of Civic Life • Social Cohesion/Appreciation of Diversity • Improved Ability to Adapt to and Use Technology 	<ul style="list-style-type: none"> • Improved Health/Life Expectancy • Improved Quality of Life for Offspring • Better Consumer Decision Making • Increased Personal Status • More Hobbies, Leisure Activities

UNEMPLOYMENT & MEDIAN EARNINGS BY EDUCATIONAL ATTAINMENT

Unemployment rate in Iowa



Median weekly earnings in Iowa

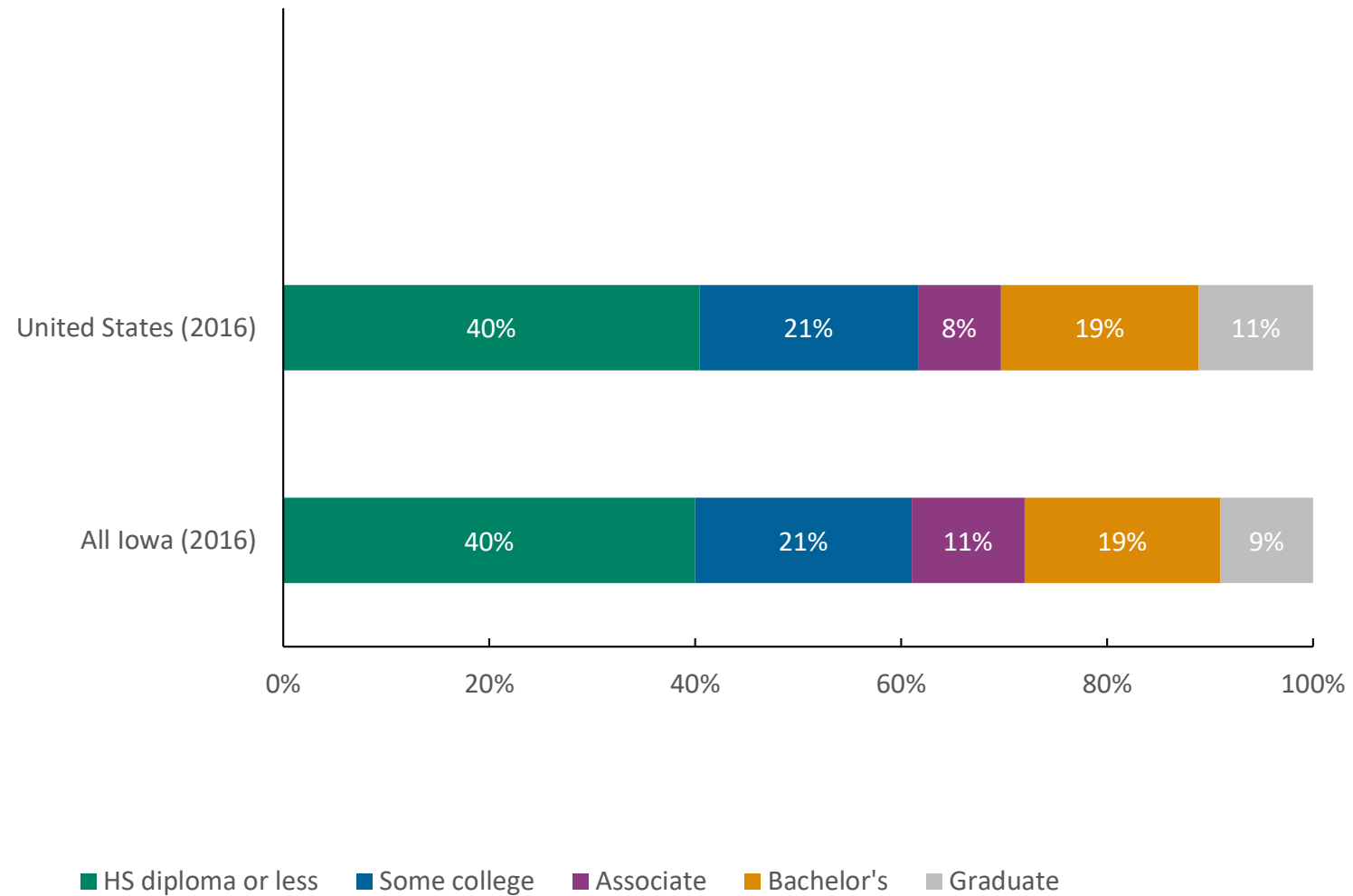


LESS RELIANCE ON SOCIAL WELFARE PROGRAMS

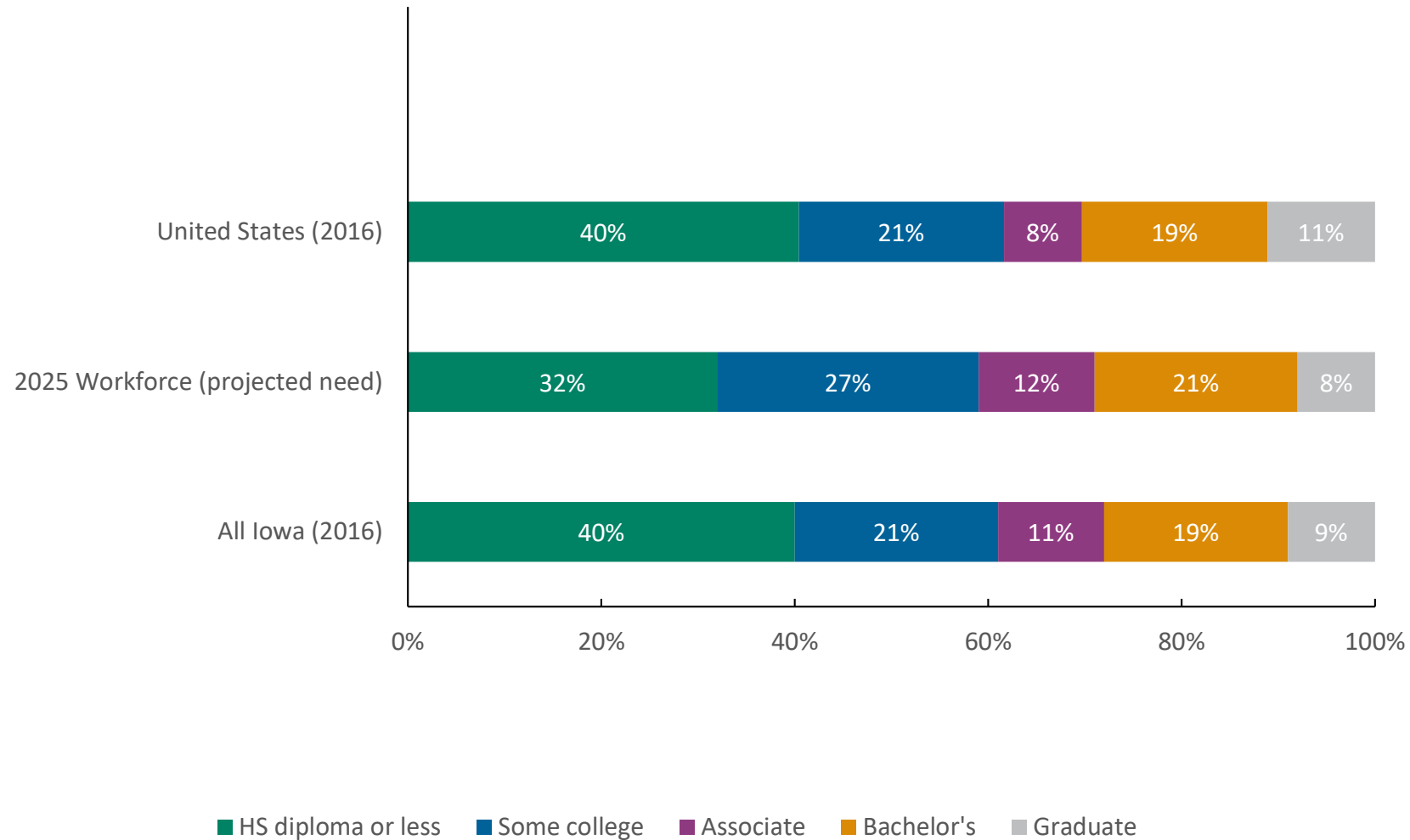
- Of lowans who are over 25 years of age:
 - 39% have never attend college
 - 21% completed some college, but no degree
- If this population earned at least an associate degree:
 - 35,000 fewer lowans living in poverty
 - 34,000 fewer lowans participating in Medicaid
 - Saving Iowa over \$200 Million
 - 29,000 fewer lowans requiring SNAP
 - 18,500 more lowans with employer-provided health insurance coverage

DEMAND FOR AN EDUCATED WORKFORCE

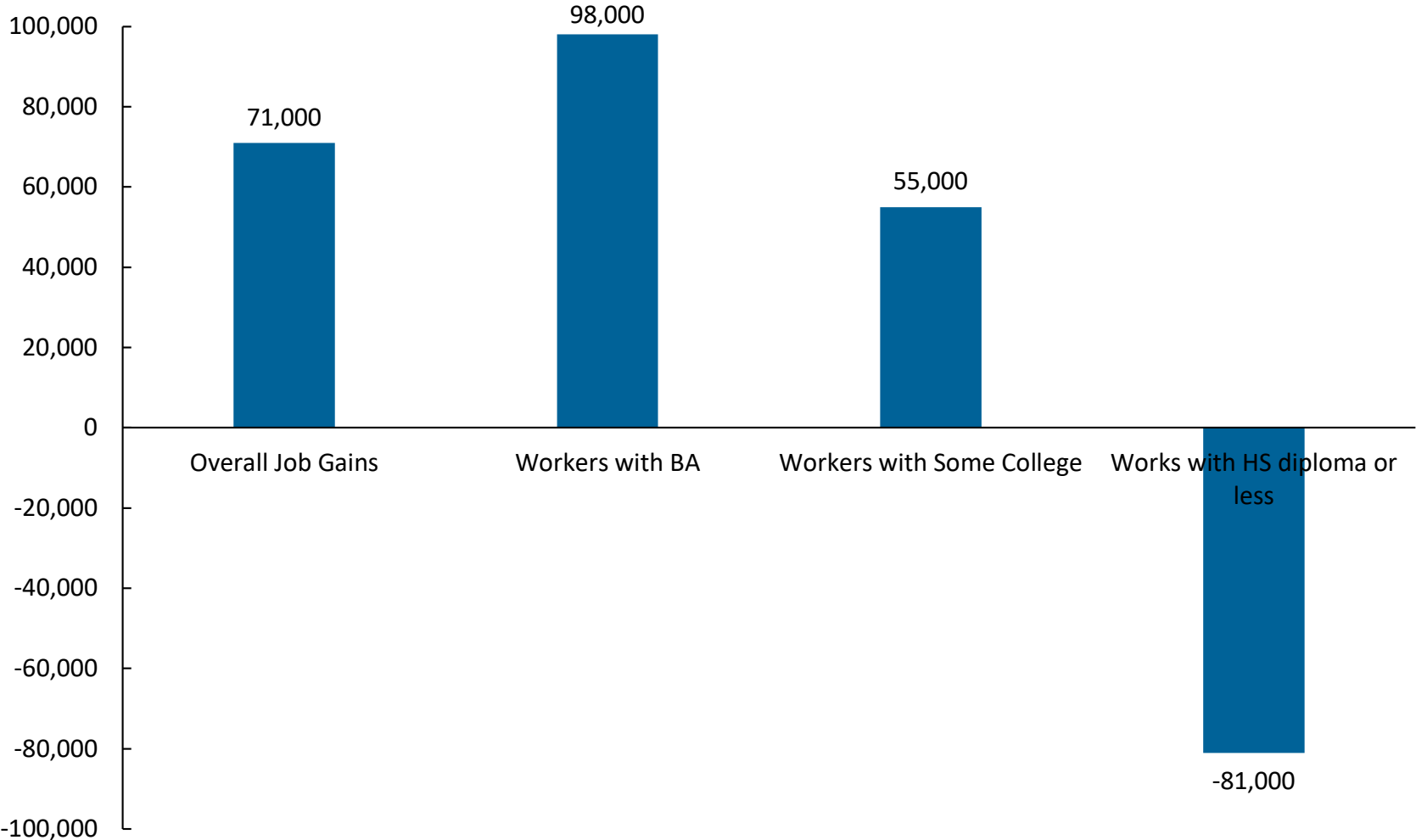
CURRENT SHORTAGE



CURRENT SHORTAGE



Iowa's Job Growth, 2011-16



Source: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement, 2011-2016

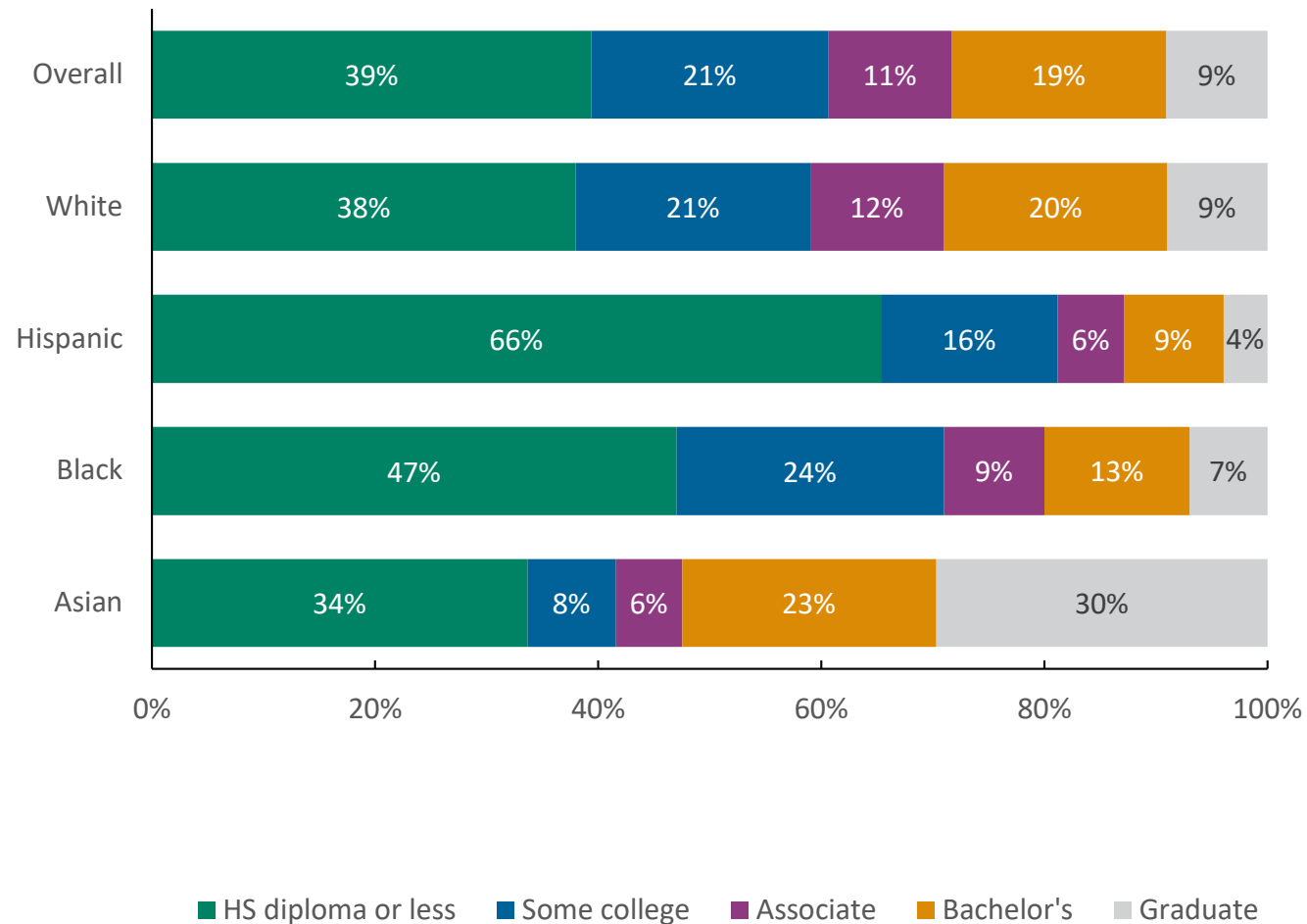
Iowa's Top 10 "Hot Jobs" (by growth rate)

Job Title	Typical degree required	Projected 10-year job growth rate	Projected growth in actual jobs
Operations research analysts	Bachelor's	41%	295
Information security analysts	Bachelor's	39%	705
Actuaries	Bachelor's	30%	155
Physical therapists	Doctoral/professional	29%	500
Nurse practitioners	Master's	28%	235
Computer systems analysts	Bachelor's	28%	1,485
Occupational therapists	Master's	28%	255
Personal financial advisors	Bachelor's	27%	420
Optometrists	Doctoral/professional	25%	125
Physician assistants	Master's	24%	185

Iowa's Top 10 "Hot Jobs" (by growth in actual jobs)

Job Title	Typical degree required	Projected 10-year job growth rate	Projected growth in actual jobs
Accountants & Auditors	Bachelor's	16%	2,090
Computer systems analysts	Bachelor's	28%	1,485
General & operations managers	Bachelor's	10%	1,120
Management analysts	Bachelor's	19%	980
Software developers, applications	Bachelor's	23%	885
Loan officers	Bachelor's	16%	840
Medical & health services managers	Bachelor's	16%	780
Financial managers	Bachelor's	13%	770
Information security analysts	Bachelor's	39%	705
Lawyers	Doctoral/professional	12%	540

EDUCATION LEVELS IN IOWA BY RACE/ETHNICITY



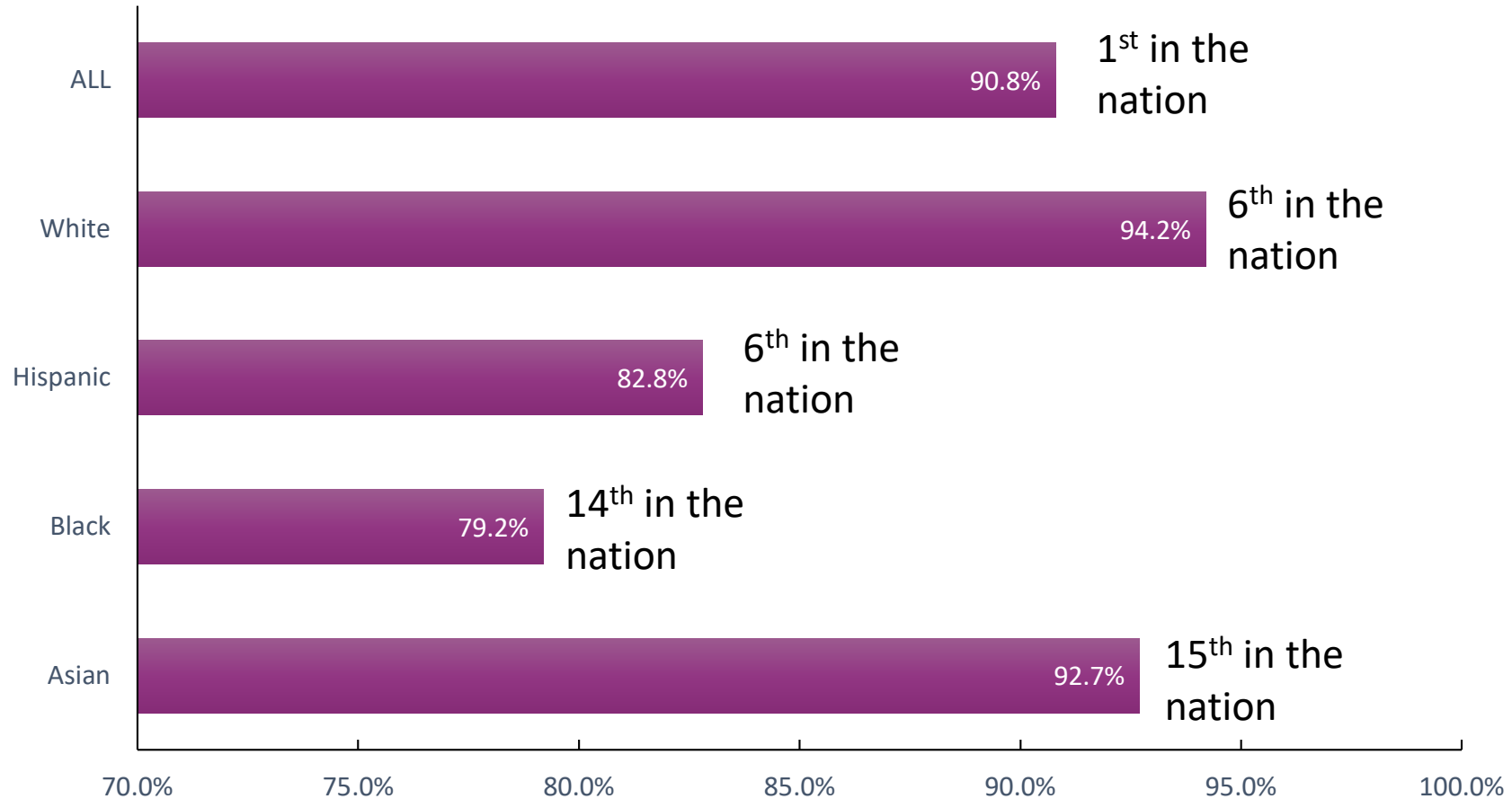
Iowa has a growing minority population

- In 2005, 87% of Iowa children identified as White. In 2016, it was 79%
- In 2016-17, 24% of high school students were minorities, 40% in the state's largest public school districts
- Median age for Whites is 41, Hispanic is 24, Black is 27, and Asian is 29

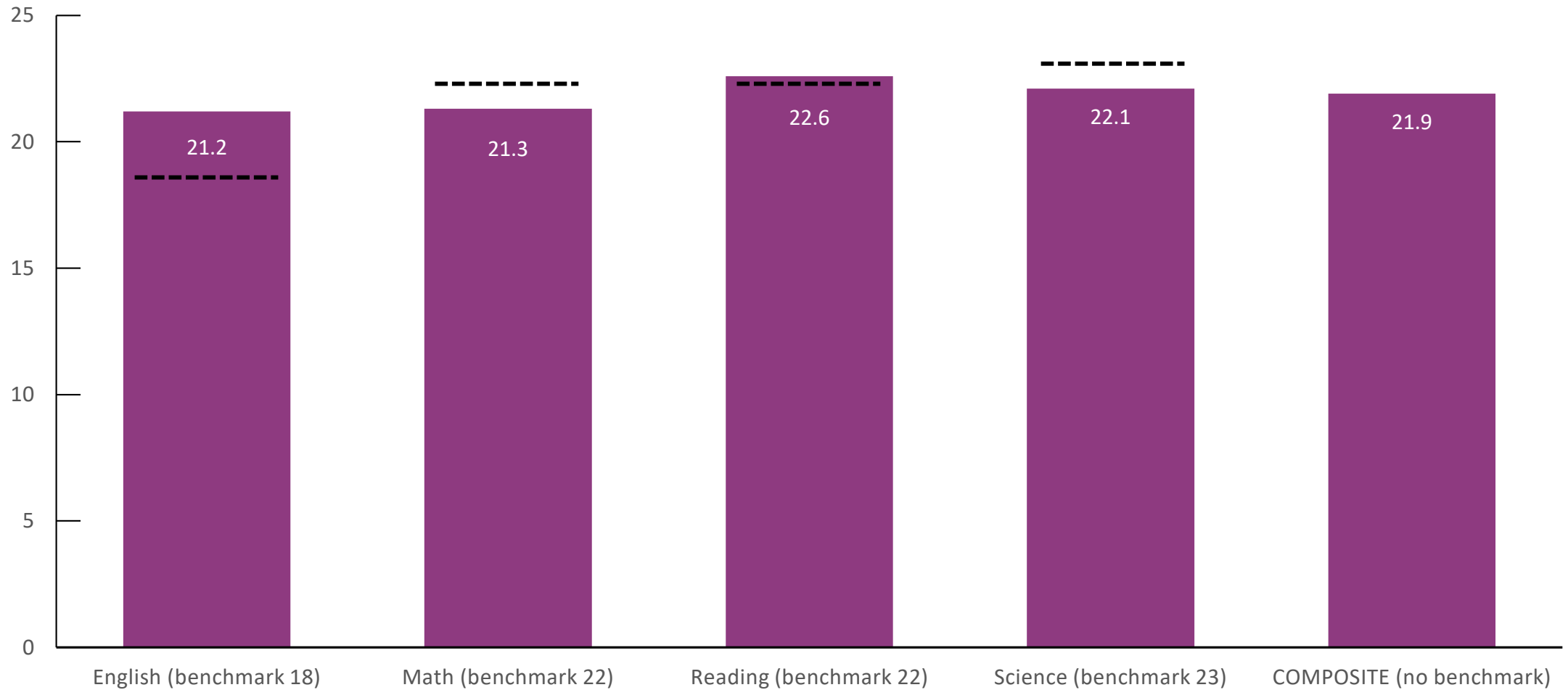
COLLEGE READINESS

IOWA HS GRADUATION RATES BY RACE/ETHNICITY

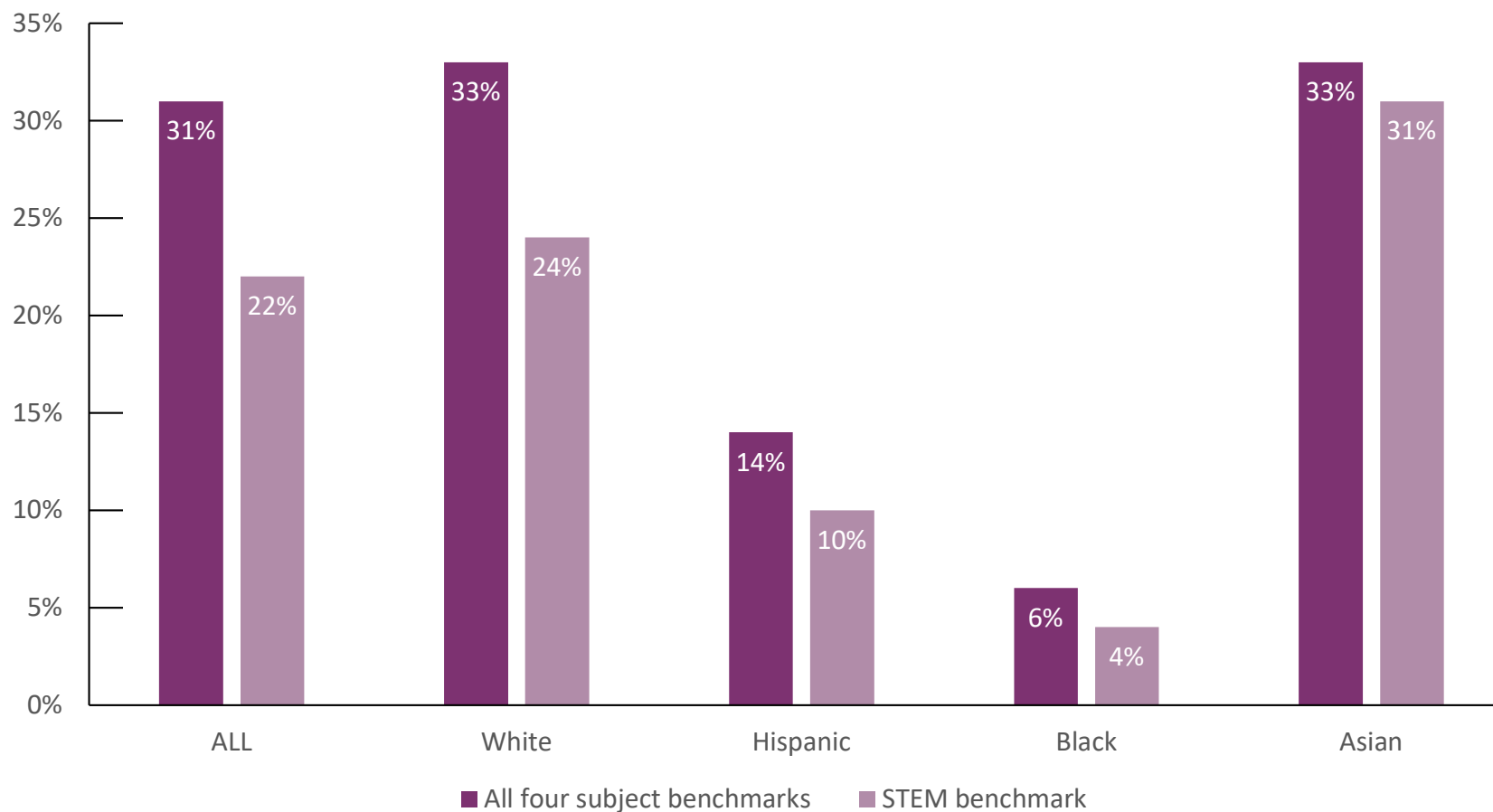
Low socioeconomic status 2nd
Limited English proficiency 3rd
Students with disabilities 5th



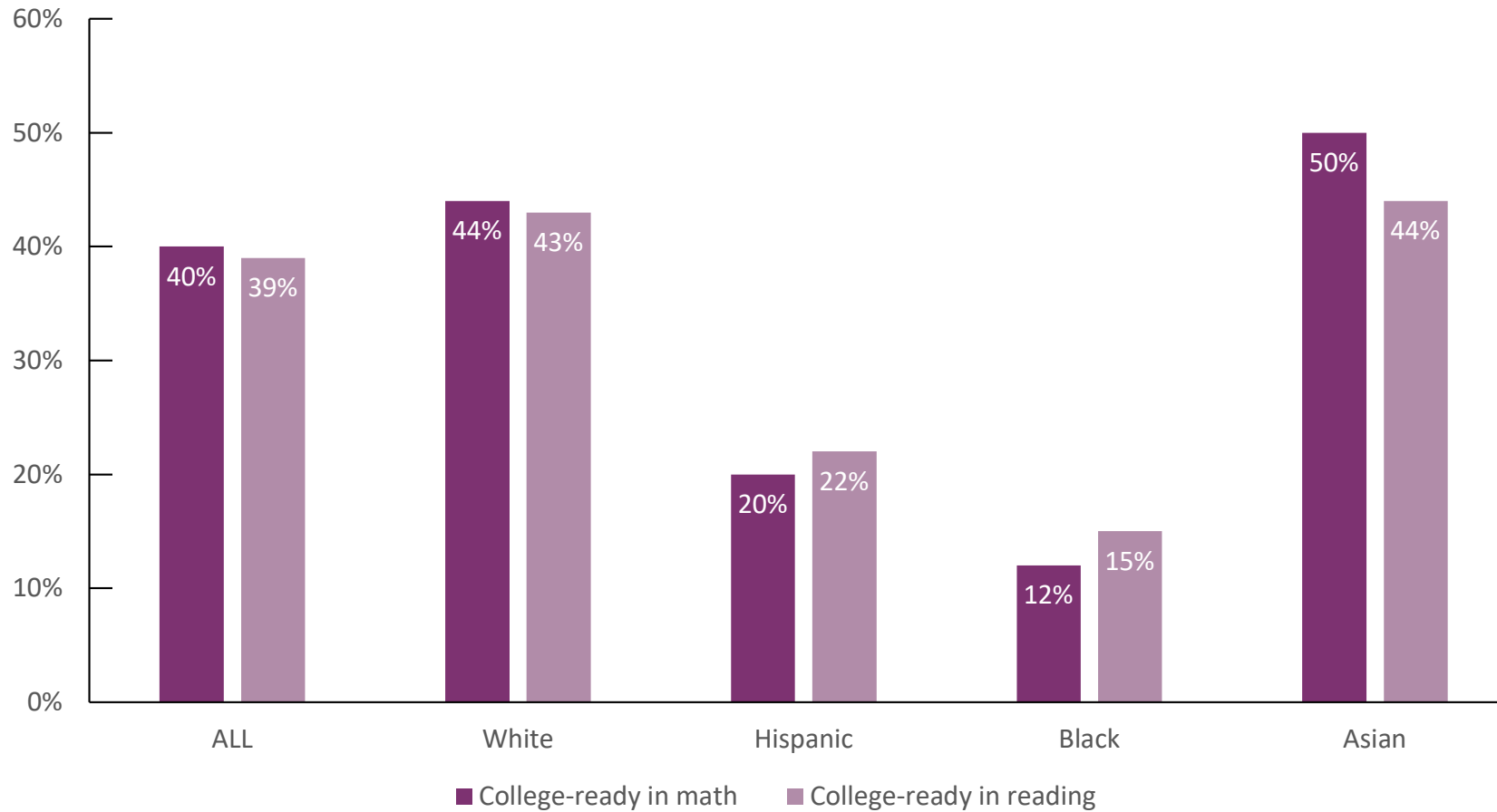
IOWANS' AVERAGE ACT SCORES



PERCENTAGE OF IOWANS WHO MET ACT BENCHMARKS BY RACE/ETHNICITY

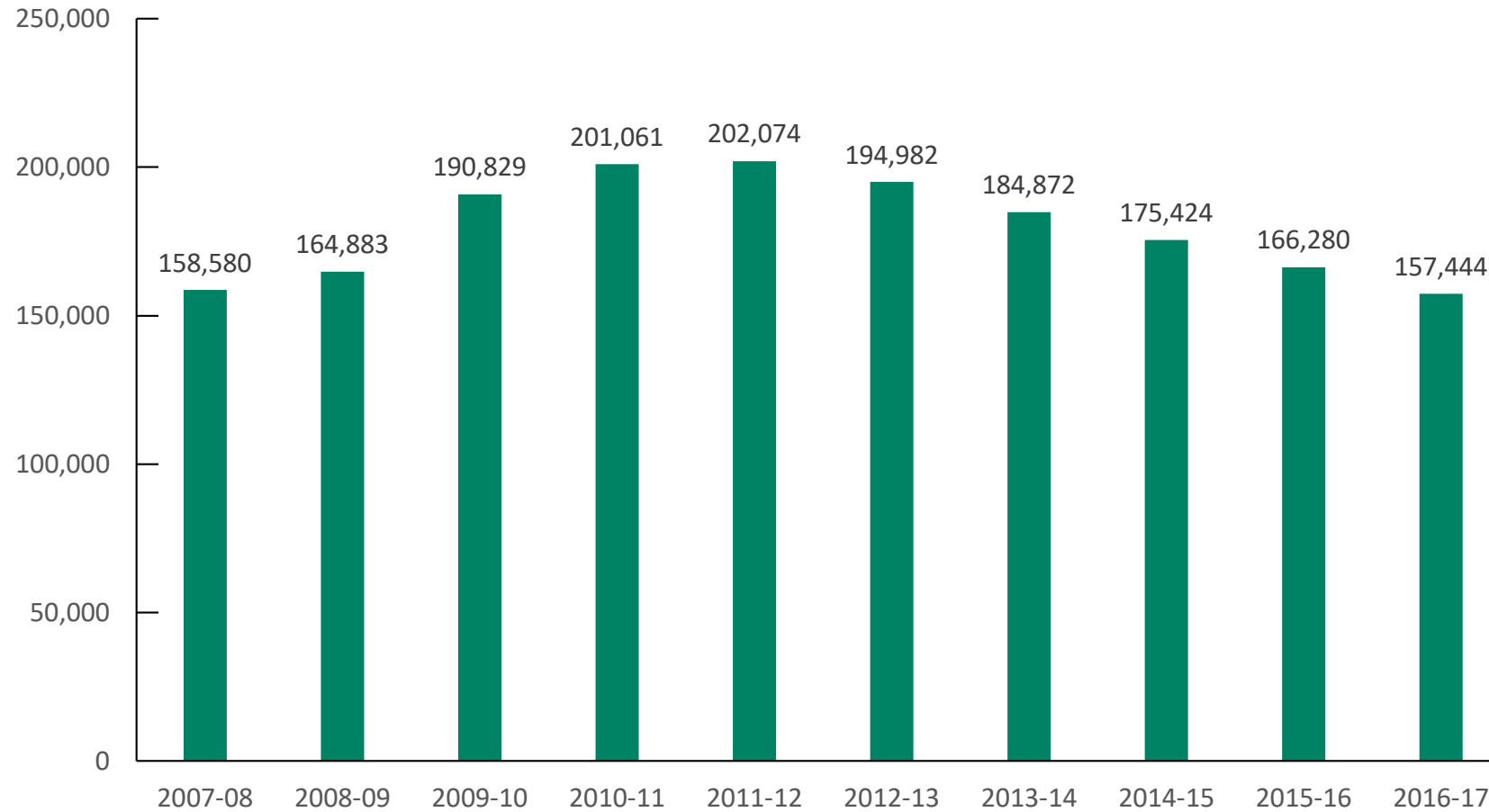


IOWA ASSESSMENTS BY RACE/ETHNICITY

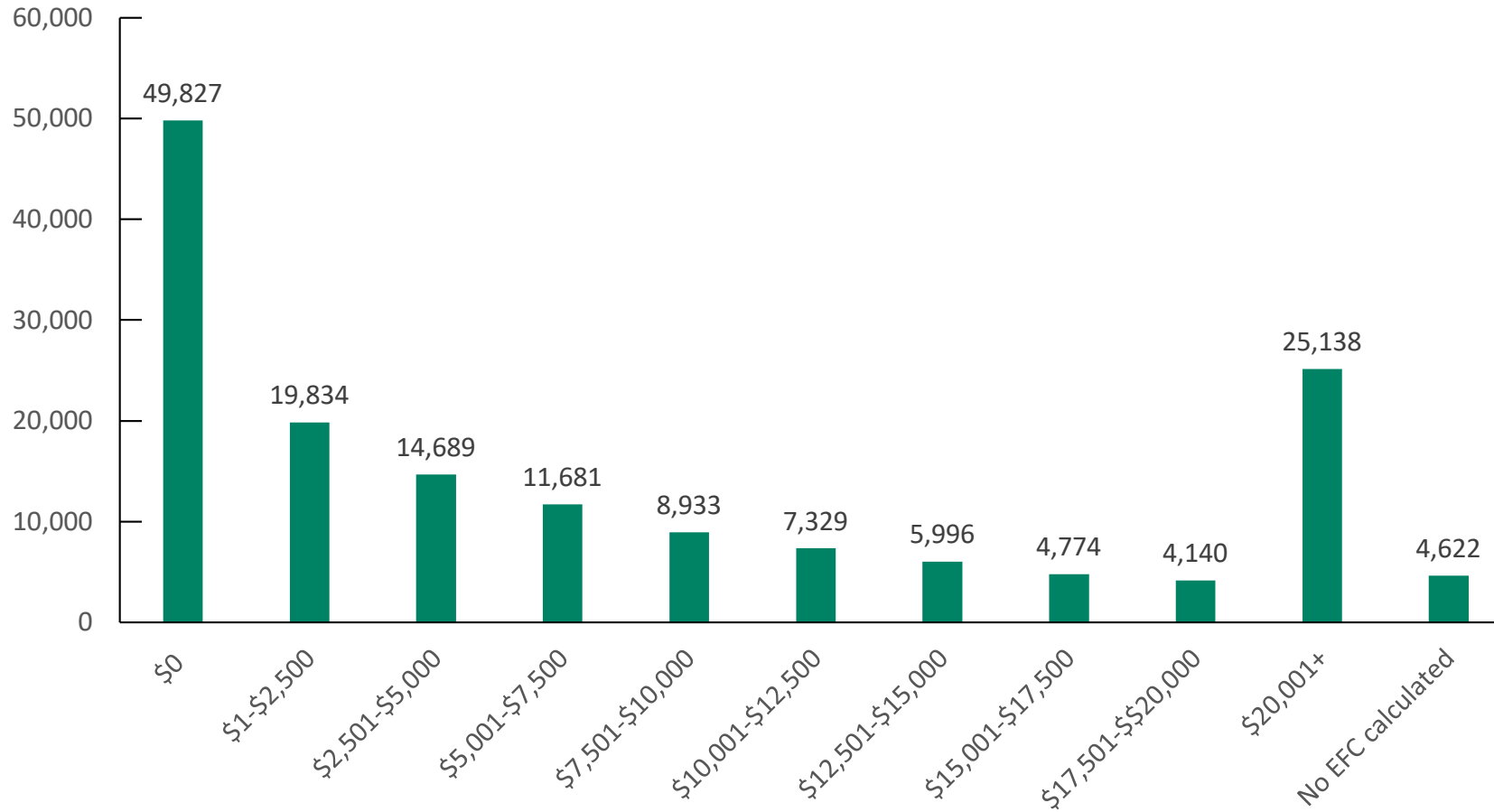


COLLEGE PRICE & FINANCIAL AID

NUMBER OF IOWANS FILING THE FAFSA

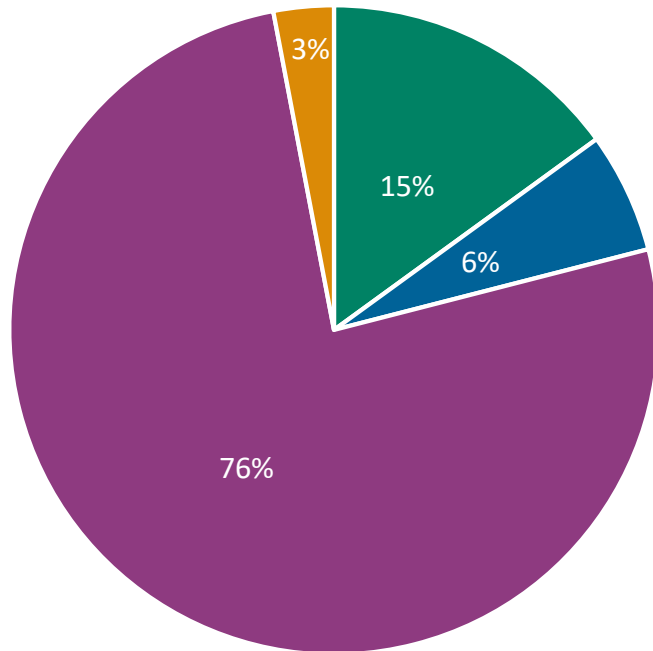


EFC OF IOWA FAFSA FILERS



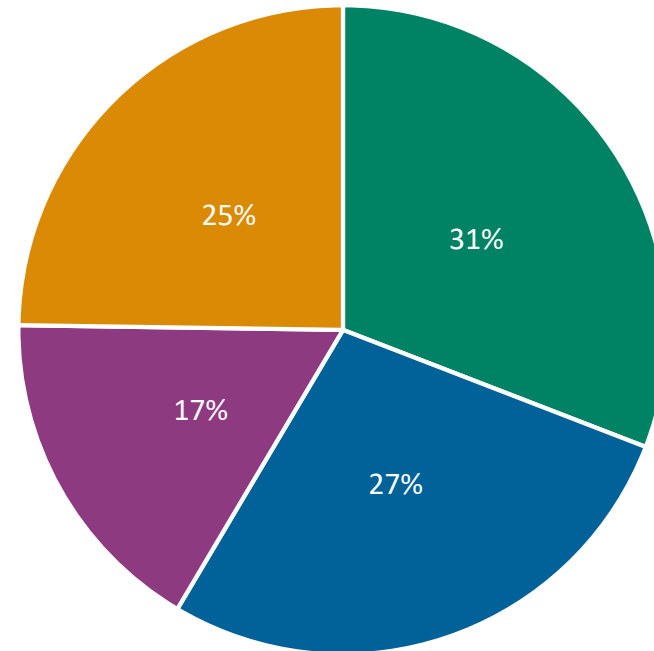
SCHOLARSHIPS & GRANTS AWARDED TO IOWA STUDENTS

Total dollars awarded



■ Community Colleges ■ Regent Universities
■ Private not-for-profit ■ Private for-profit

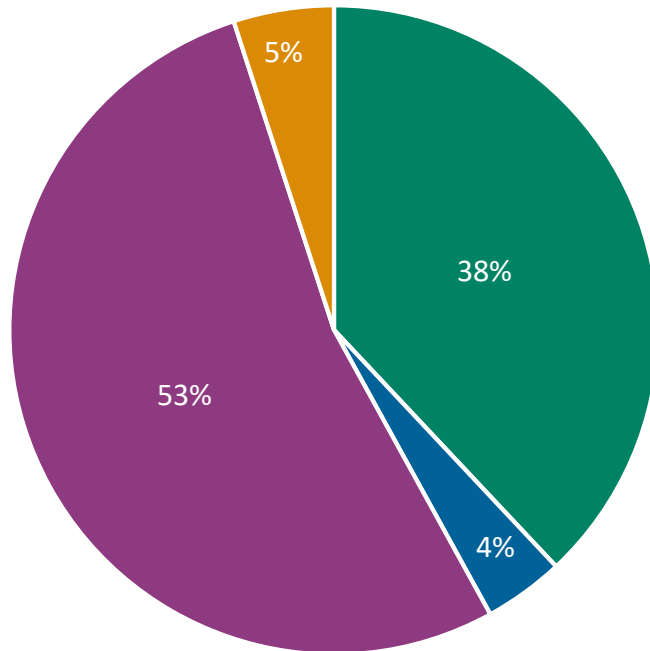
Enrollment



■ Community Colleges ■ Regent Universities
■ Private not-for-profit ■ Private for-profit

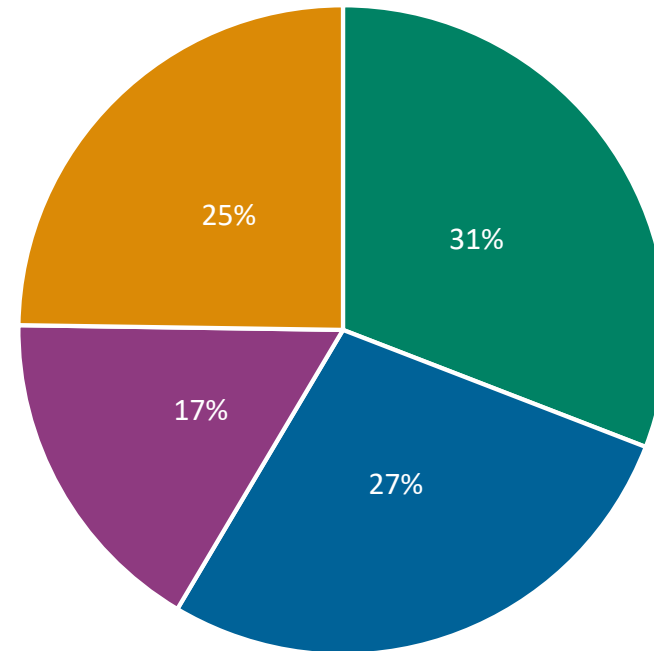
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Summary of Trends & Looking Ahead

Summary of Trends

- Since the release of our report, Iowa has made fairly small gains
 - Continue to lead in high graduation rates (roughly 91%)
 - College enrollment rates remain fairly constant at 70%
 - Yet, the college attainment rate still hovers around 60%
 - Minority and low-income students lag in college readiness, enrollment and completion
 - Plausible explanations for decline in FAFSA submissions and enrollment
 - Better Economy?
 - Out migration of in-state students?
 - Flow of out-of-state students?

Looking Ahead

- State has gained momentum in fostering a college-going culture
 - GEAR UP Iowa – research has found positive effects
 - Course to College – increase in participating schools (from 32 in 2013-14 to 130 in 2017-18).
 - Local College Access Networks – currently serving 12 communities
 - Future Ready Iowa – creating new funding opportunities for students
- Impacts of these efforts will not be apparent in the short-term, but in the long term

Thank you