

The World is Changing (and so is Iowa)

- **Population**
 - 35 Iowa counties experienced growth
 - Mostly urban areas
 - More elderly, fewer births
 - Mostly urban areas
- **Economy**
 - ELL population increasing
 - Migration out 220%
- **Jobs**

The World is Changing (and so is Iowa)

- Population
- Economy
- Jobs

- **Largest**
 - Manufacturing, finance/insurance, real estate
- **Growth areas**
 - Health care, retail, finance/insurance, real estate
- **Strong state strategy**
 - Bioscience, applied manufacturing, information/technical services

The World is Changing (and so is Iowa)

- Population
- Economy
- Jobs

- **National outlook**
 - High growth rate in technical, service
- **State outlook**
 - Emphasis on economic strategy of bioscience, applied manufacturing, information/technical services

NATIONAL JOB OUTLOOK

OCCUPATION	SALARY	% INCR. BY 2012	EDUCATION-TRAINING
Medical assistant	\$\$\$	59%	Certification
Network system analyst	\$\$\$\$\$	57%	Bachelor's
Physician assistant	\$\$\$\$\$	49%	Bachelor's
Medical records tech	\$\$\$	47%	Associate degree
Veterinary tech	\$\$\$	44%	Associate degree
Bookkeeper	\$\$\$	23%	Associate degree

Source: Bureau of Labor Statistics

Jobs Need More, Better Skills

- In the past
 - Low-tech, low-skill
 - Steady, predictable
 - Two choices:
 - Ready for college
 - Ready for work
- Today and in the future
 - Multiple job changes
 - 21st century skills
 - Lifelong learners



Then and Now: Workplace Skills

	1950s	2005
4-year degree	20%	20%
Unskilled	70%	10%
Technical training	10%	70%

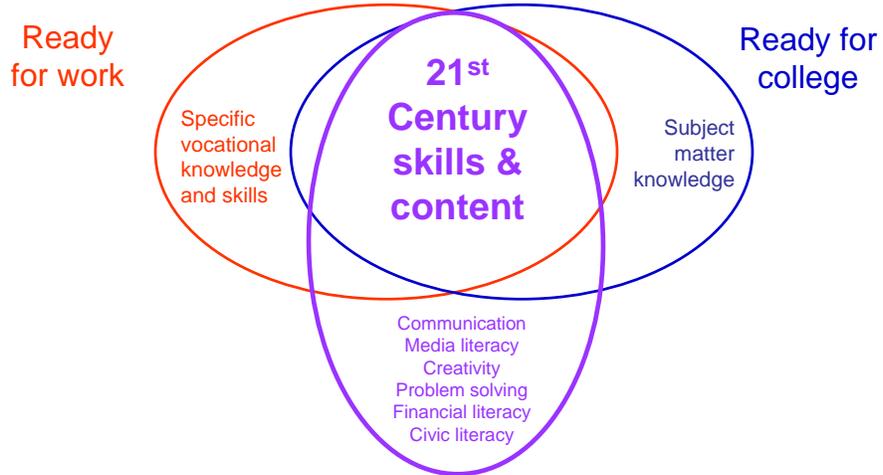
Source: Dell Confidential

Then and Now: Career Outlook

	20 th Century	21 st Century
# of Jobs	1-2	10-15
Job requirements	Mastery of 1 field	Flexibility, adaptability
Teaching model	Subject matter mastery	Life-long learners

Source: Dell Confidential

Today's graduates need:



Cultural, Physical & Behavioral Health Knowledge and Skills

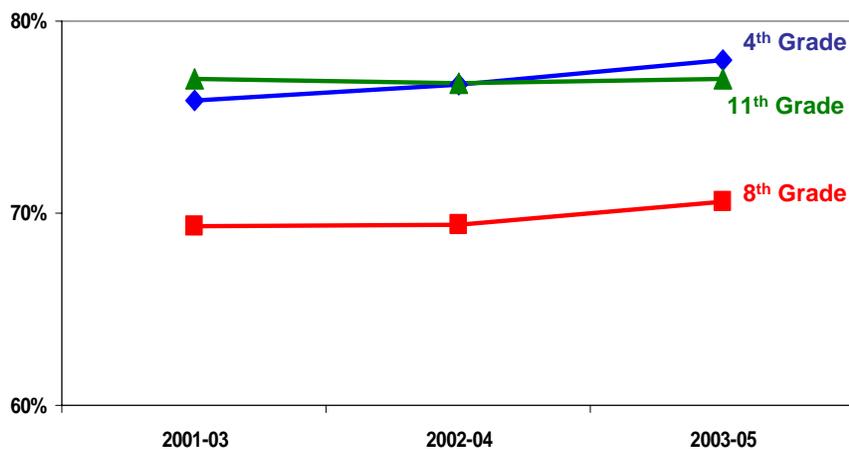


Preparing Students for Success

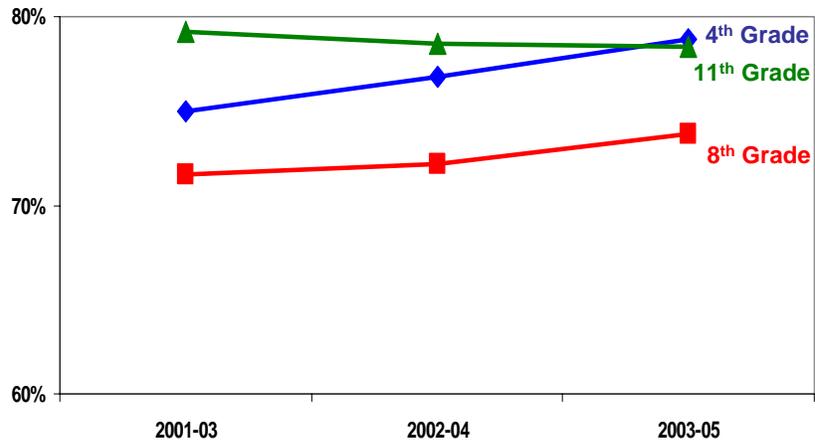
- Better skills for all students
- Increased expectations for all students
- Graduation requirements
- Readiness for post-secondary
- Focus resources in priority areas

Better Skills for More Students

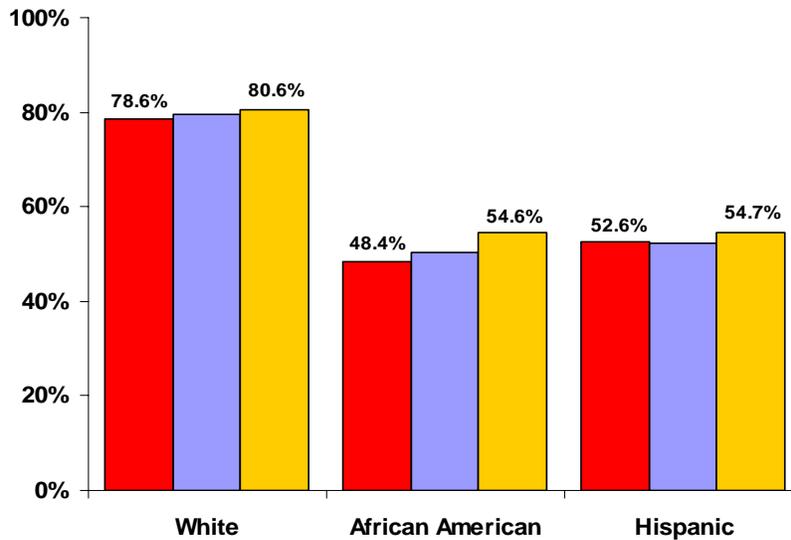
Reading

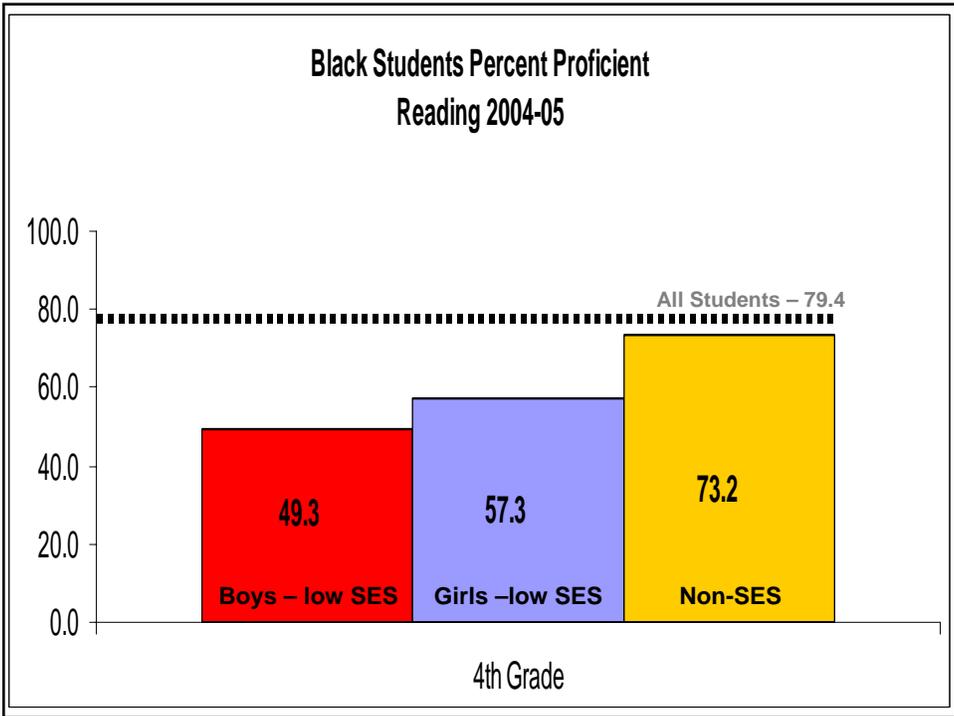
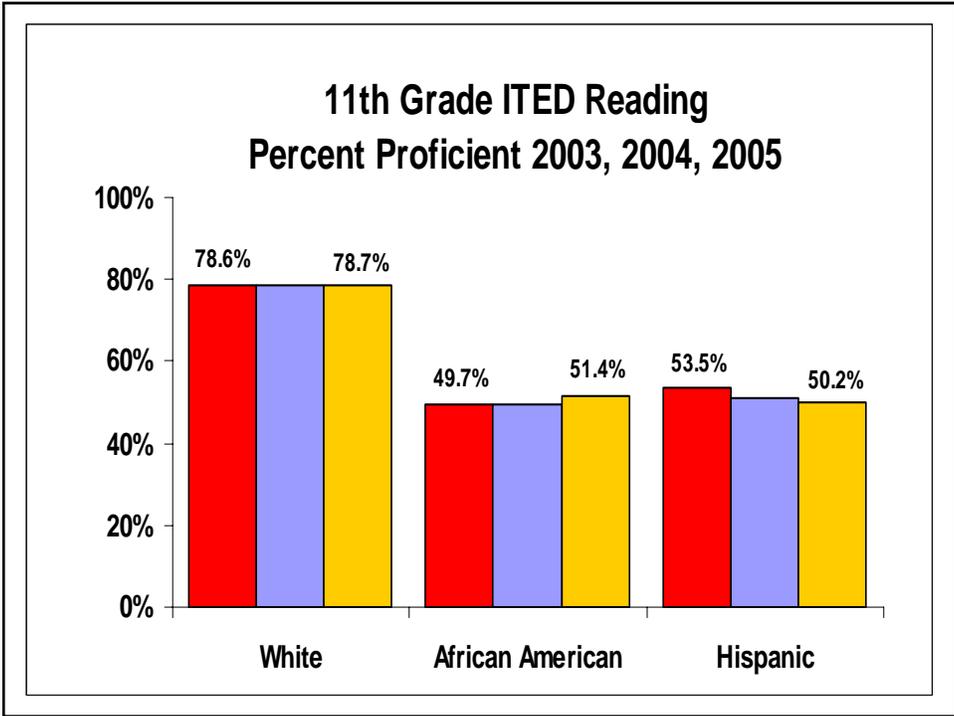


Better Skills for More Students Math

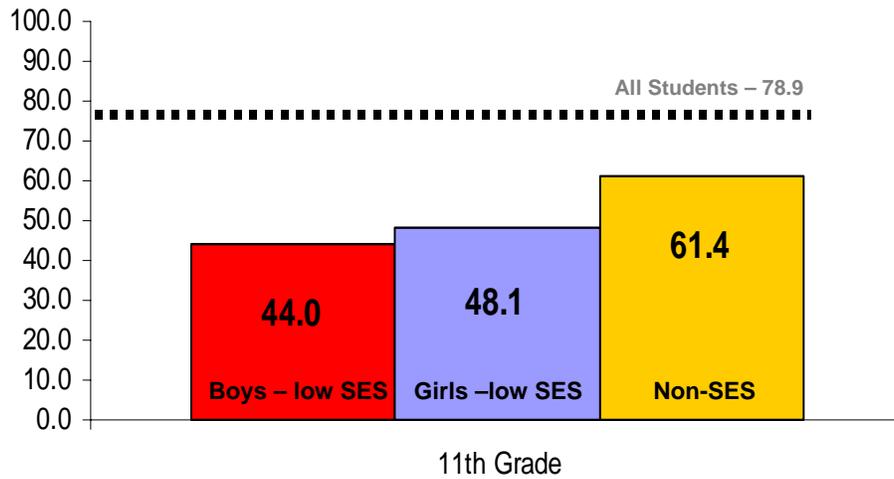


4th Grade ITBS Reading Percent Proficient 2003, 2004, 2005

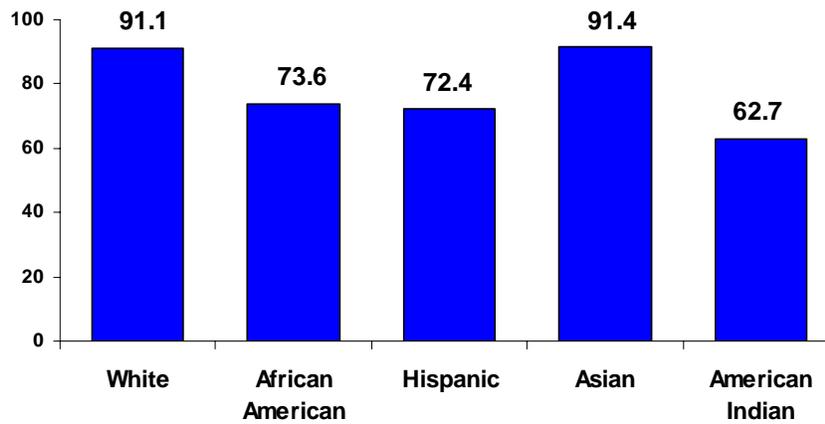


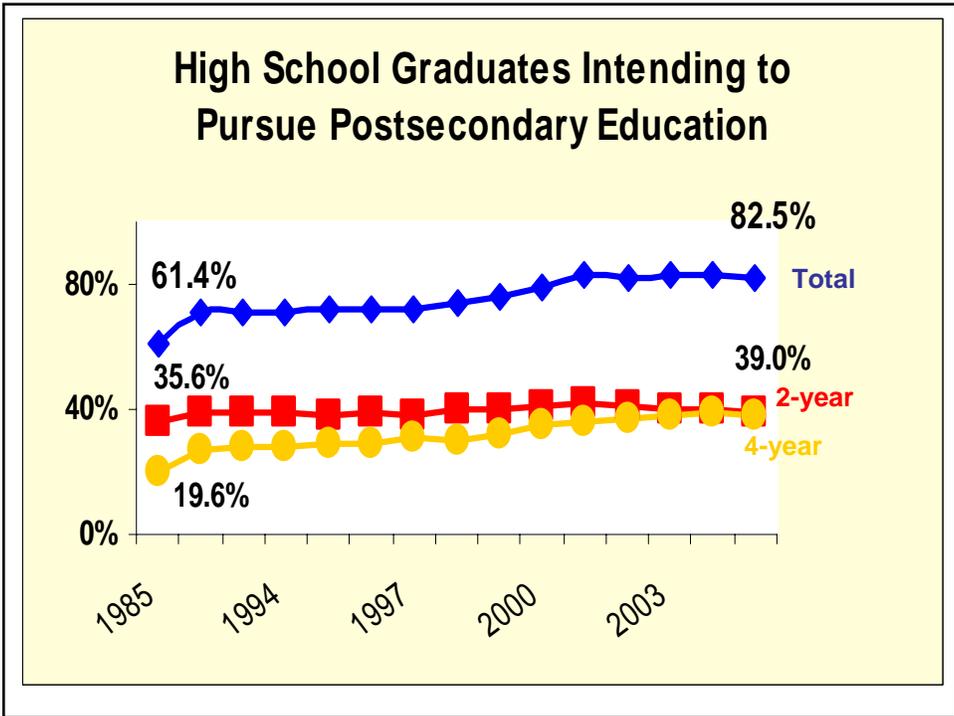
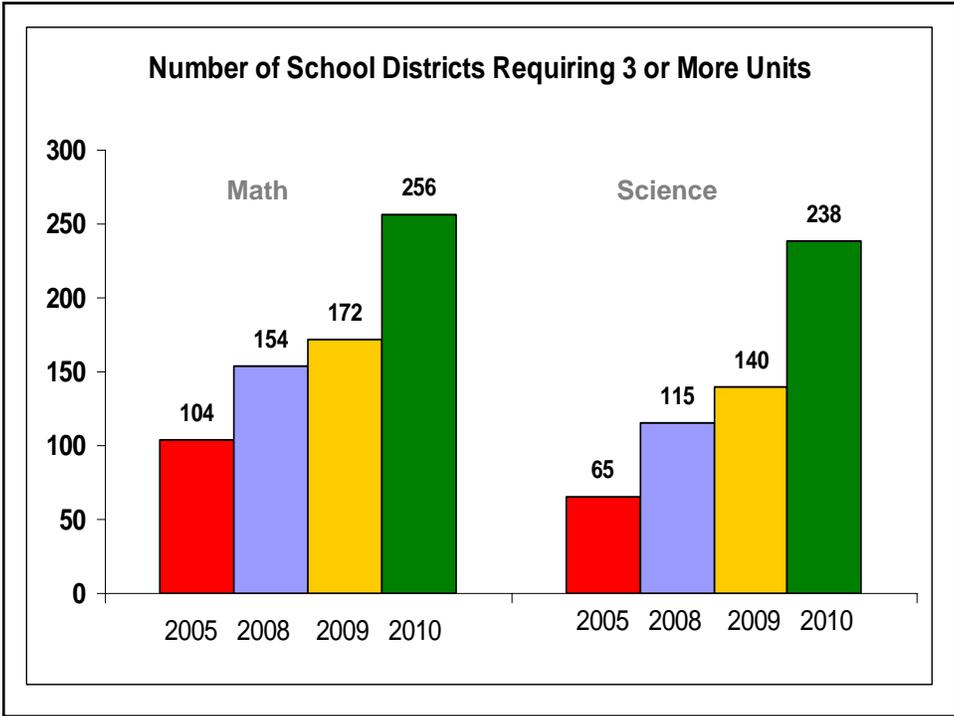


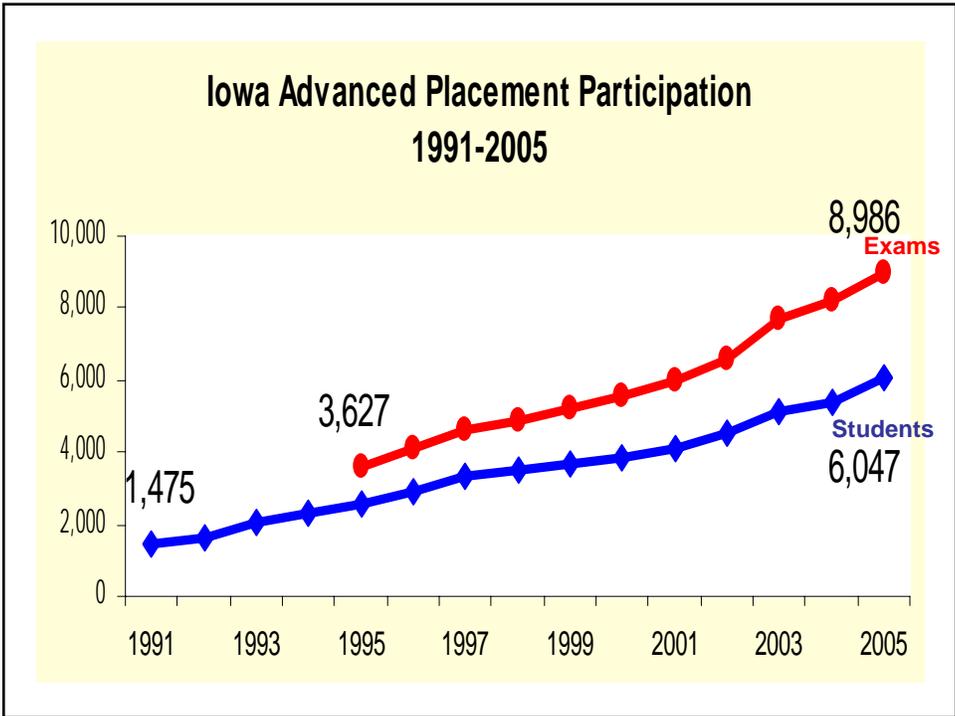
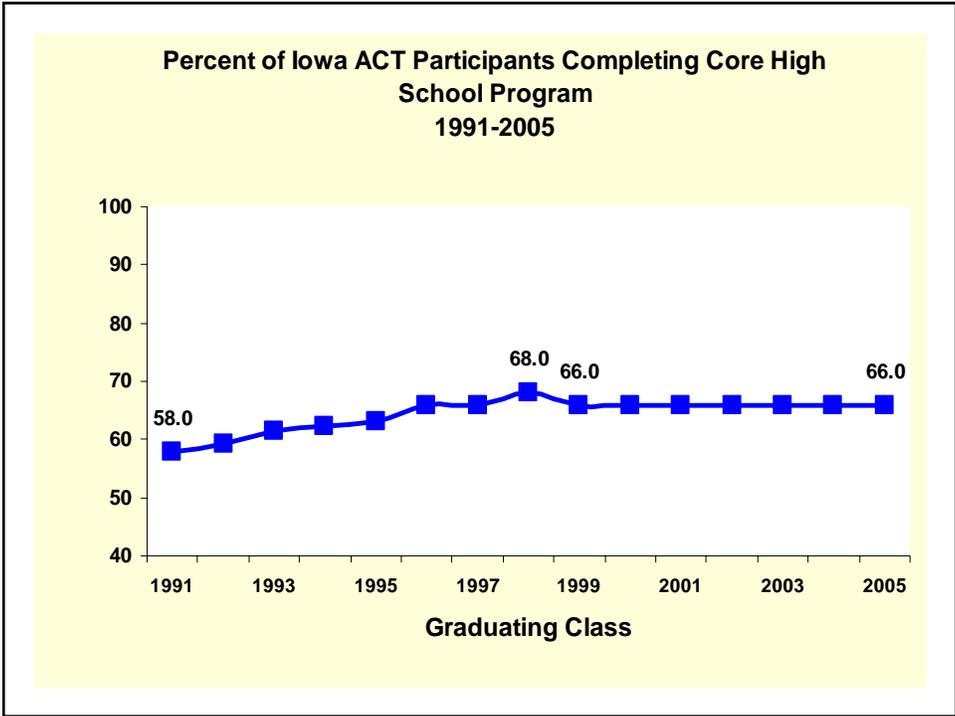
Hispanic Students Percent Proficient Math 2004-05

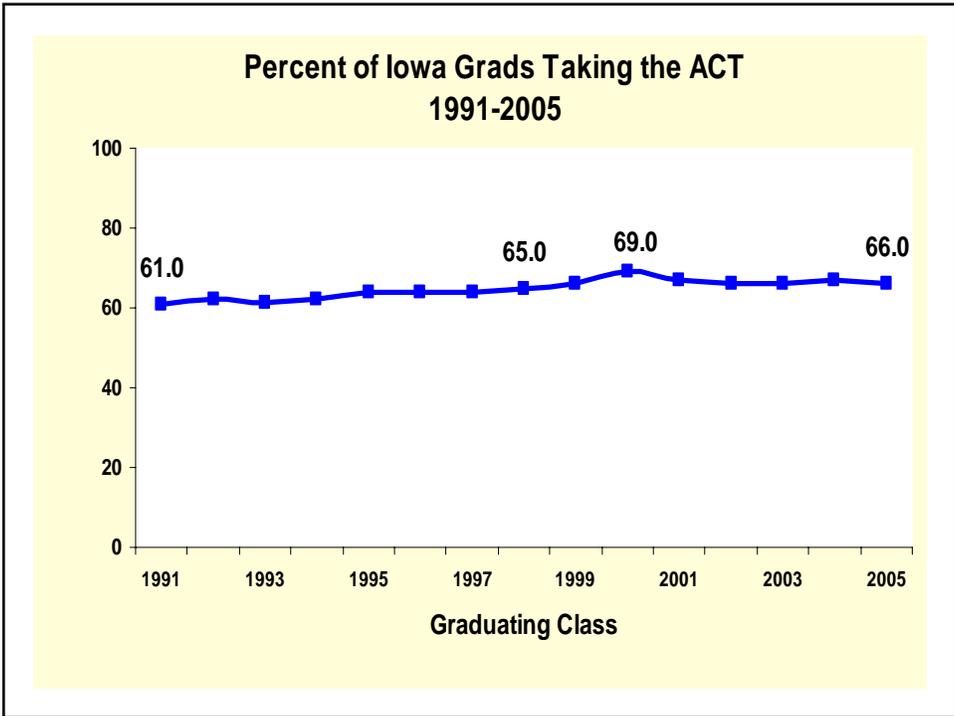
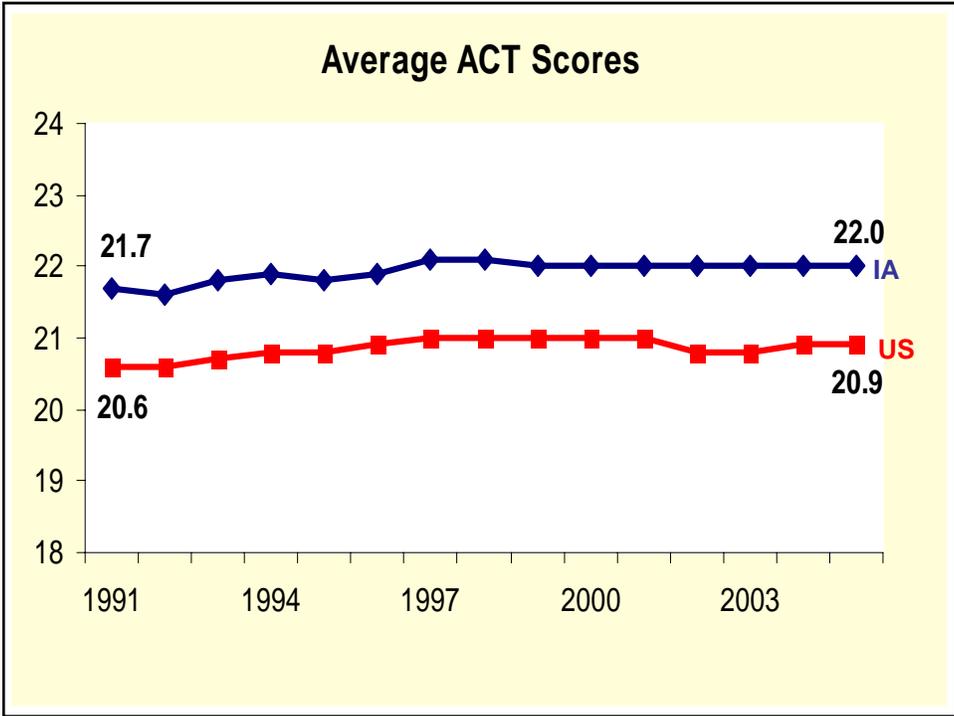


Graduation Rates by Race/Ethnicity - 2004





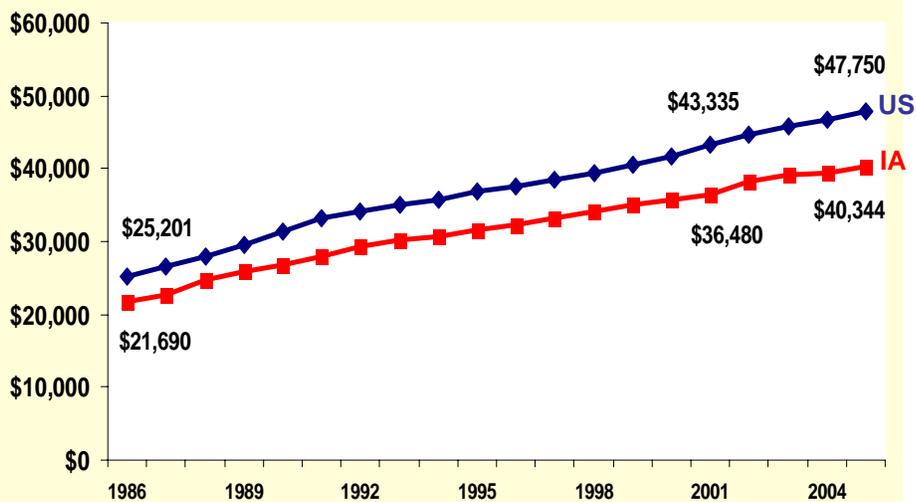




Focus Your Resources

- Invest in Teachers
- Quality teachers provide the challenging, meaningful coursework
 - Shortages
 - Salaries
 - Professional development

Average Teacher Salaries Iowa and the Nation



Invest in Preschool

- High need in Iowa
- Quality early learning programs foster social and academic skills
 - Help prevent achievement gaps

Working Parents



60% in the nation



71% in Iowa

31% of kids are low-income

Preparing Students for Success

- Better skills for all students
- Increased expectations for all students
- Graduation requirements
- Readiness for post-secondary
- Focus resources in priority areas

A young child with curly hair is holding a large, 3D paper cutout of the number 1. The cutout is red and white. The background is a blue grid pattern.

**Condition
of Education
in Iowa**

*The Future
for Education
in Iowa*

Judy Jeffrey, director, Iowa Department of Education • IASB 2005 Annual Convention