



BOISE STATE UNIVERSITY

Presentation to the Joint Finance- Appropriations Committee

Robert Kustra, President

Jan. 22, 2014



BOISE STATE UNIVERSITY

Serving Idaho's Changing Economy

Boise State serves a very different region and state than just a few years ago. Technology plays a far bigger role than ever before.

- Over 48,000 workers in Idaho are employed in technology
- Between 2000 and 2010, the number of high-tech companies in Idaho grew by 61 percent
- Statewide, technology accounts for 17 percent of all wages earned (\$3.4 billion)



Idaho's hot jobs for 2010-2020 are abundant, fast growing and high paying.

1 Registered Nurses
 16,188 4,661 / 40.44%
 675 \$28.24
 Associate Degree

2 Medical and Health Services Managers
 1,978 455 / 29.88%
 83 \$34.59
 Bachelor's Degree

3 Physical Therapists
 1,453 424 / 41.21%
 54 \$34.27
 Doctoral or Professional Degree

4 Dental Hygienists
 1,573 365 / 30.22%
 61 \$34.10
 Associate Degree

5 Pharmacists
 1,726 322 / 22.93%
 68 \$52.13
 Doctoral or Professional Degree

6 Software Developers, Applications
 1,697 391 / 29.94%
 53 \$30.83
 Bachelor's Degree

7 Management Analysts
 2,708 540 / 24.91%
 89 \$25.56
 Bachelor's Degree

8 Physicians and Surgeons, All Other
 1,211 222 / 22.45%
 42 not available
 Doctoral or Professional Degree

9 Network and Computer Systems Administrators
 1,406 312 / 28.52%
 49 \$29.76
 Bachelor's Degree

10 Market Research Analysts and Marketing Specialists
 1,479 427 / 40.59%
 71 \$23.39
 Bachelor's Degree

11 Radiologic Technologists and Technicians
 1,399 399 / 39.90%
 56 \$24.46
 Associate Degree

12 Family and General Practitioners
 918 179 / 24.22%
 33 \$80.60
 Doctoral or Professional Degree

13 Physician Assistants
 732 167 / 29.56%
 27 \$42.95
 Master's Degree

14 Licensed Practical and Licensed Vocational Nurses
 3,609 770 / 27.12%
 153 \$18.22
 Postsecondary Non-Degree Award

15 Mechanical Engineers
 1,370 212 / 18.31%
 58 \$39.05
 Bachelor's Degree

16 Electrical Engineers
 2,124 290 / 15.81%
 73 \$42.69
 Bachelor's Degree

17 Computer Systems Analysts
 1,174 215 / 22.42%
 40 \$29.19
 Bachelor's Degree

18 Industrial Machinery Mechanics
 1,630 356 / 27.94%
 60 \$21.11
 High School Diploma or Equivalent

19 Loan Officers
 2,825 438 / 18.35%
 105 \$23.49
 High School Diploma or Equivalent

20 Elementary School Teachers, Excluding Special Education
 8,160 1,200 / 17.24%
 273 not available
 Bachelor's Degree

LEGEND
 Projected Employment Growth in Number / %
 Annual Openings Median Hourly Wage
 Required Education

Explore careers at labor.idaho.gov/careers and see more job growth projections at lmi.idaho.gov.



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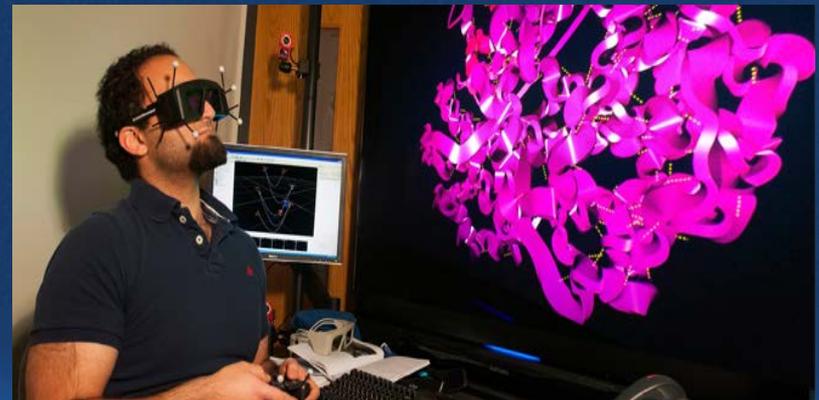
Serving Idaho's Changing Economy

Select New Degrees in Past 10 Years to Meet Economic Demands

Materials Science (MS, PhD)
Computer Engineering (MS)
Electrical Engineering (MS)
Electrical & Computer Engineering (PhD)
Mechanical Engineering (MS)
Management Information Systems (MS)
Information Technology Management (MBA)
STEM Education (MS)
Nursing (MS, DNP)
Nursing (BS – Distance)
Radiologic Sciences (BS)
Health Sciences Studies (BS – *includes emphases in leadership and health policy or health informatics, among others*)
Kinesiology (BS-Pre Professional, MS)
Biomolecular Science (PhD)

Select New Degrees/Certificates planned in the next Few Years to Meet Economic Demands

Computer Systems Engineering (BS)
Bioinformatics (BS/MS *joint program with ISU)
Business Intelligence (Certificate)
Biomedical Sciences (BS)
Biomedical Engineering (MS)
MBA with Health Care Emphasis
Computer Science (PhD)





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Serving Idaho's Changing Economy

In the past five years we have:

- Increased nursing bachelor's and master's degree graduates by more than 300 percent
- Doubled our graduates in biology, chemistry and pre-medical studies
- Boosted our mechanical engineering graduates by 50 percent
- Doubled our computer science BS and MS graduates



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Serving Idaho's Changing Economy

As Micron has evolved so too has Boise State University

- \$6 million for an engineering complex (1996)
- \$2 million for Materials Science program (2003)
- \$5 million for Electrical and Computer Engineering PhD (2004)
- \$13 million for Materials Science and Engineering PhD (2011)
- \$12 million for Business & Economics Building (2012)





BOISE STATE UNIVERSITY

State Board of Education Goal: 60% of Idahoans between the ages of 25-34 attain a postsecondary degree or credential by 2020.

Currently, only 39% of Idahoans between 25-34 years of age have a postsecondary degree or credential.





BOISE STATE UNIVERSITY

Number of Graduates per Year

Graduates

4000

3500

3000

2500

2000

1500

1000

500

0

Boise State awards more than 40% of all public university bachelor's degrees in Idaho

2013: 3,757 grads!

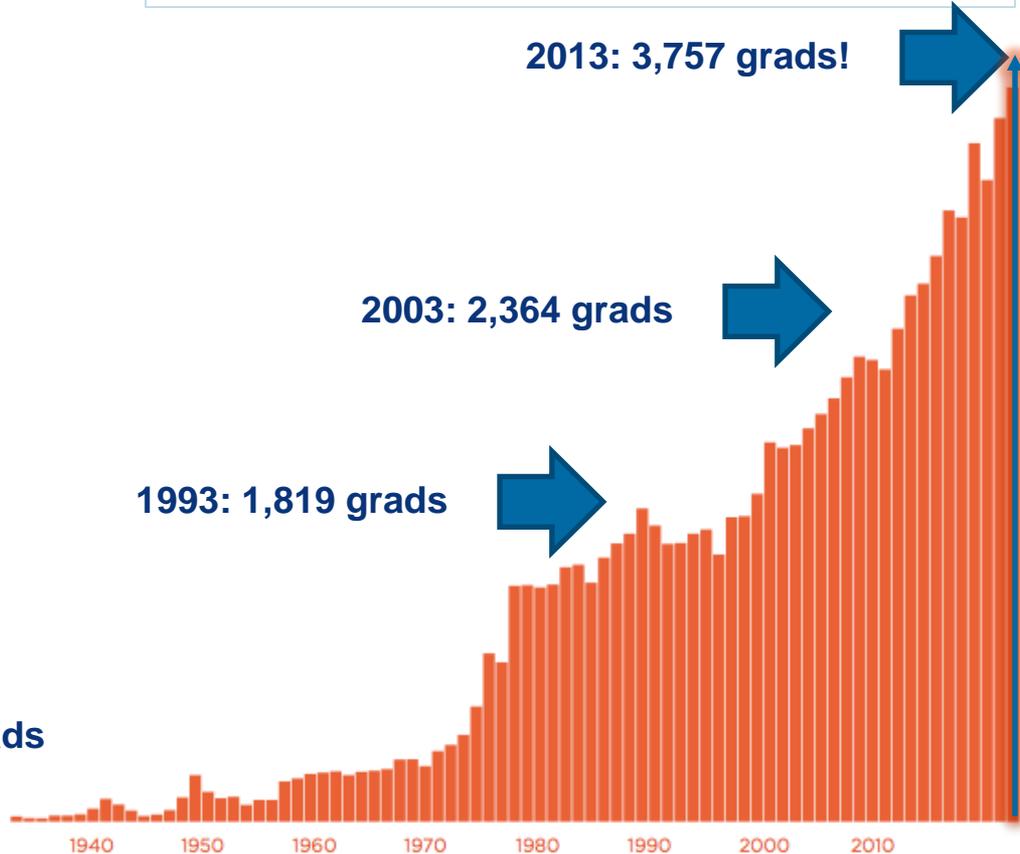
2003: 2,364 grads

1993: 1,819 grads

1934:
25 grads

1940 1950 1960 1970 1980 1990 2000 2010

Years 1934-2012





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THE A-LIST

A CollegeAtlas.org exclusive list that ranks colleges by



Affordability



Academic
Quality



Accessibility

A-List colleges and universities deliver the best academic and economic value to students, while admitting a high percentage of applicants.



Boise State University

#15 **OVERALL**
IN-STATE TUITION
A-LIST RANKING

#7 **WEST REGIONAL**
IN-STATE TUITION
A-LIST RANKING

TOP 50 **OVERALL**
OUT-OF-STATE TUITION
A-LIST RANKING



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Where Idaho High School 2012 Graduates Went To College

1,039	Boise State University
934	University of Idaho
793	Idaho State University
708	Brigham Young University
706	College of Southern
667	College of Western Idaho
526	North Idaho College
258	Lewis-Clark State College

Source: State Board of Education



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Striving for New Ways to Inspire, Educate and Prepare Students

Foundational Studies

- Critical thinking
- Problem-solving and inquiry
- Ethics
- Written and oral communications
- Innovation and teamwork

E-Portfolios

- Show what they have learned
- Bridge the gap between college and career

Career Center

- Create relationships with employers and opportunities for internships
- Connect what employers want with what faculty teach
- Provide career/job outlook information to freshman to help them as they choose a major

Venture College

- A chance for students to start their own businesses
- More than 200 local leaders mentor and assist



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A Highly Efficient University

State General Fund Contribution:

FY 2002: \$73.5 million (enrolled 18,431 and produced 2,364 graduates)

FY 2014: \$77.7 million (enrolled 22,638 and produced 3,757 graduates)

Boise State receives the lowest per-student share of state general fund dollars, but produces the highest number of graduates each year



BOISE STATE UNIVERSITY

FY 2015 Budget Request

LBB 1-59 thru 1-66

Request	Total	Governor's Recommendation
CEC Increase 1%	\$3,204,100	
CEC/Benefit Shift to General Fund	\$3,687,100	
60% Goal	\$14,006,200	\$5,000,000
Occupancy Costs	\$421,300	\$421,300
Higher Education Research Council	\$400,000	\$200,000
Deferred Maintenance	\$12,500,000	
Center for Advanced Energy Studies		\$1,000,000

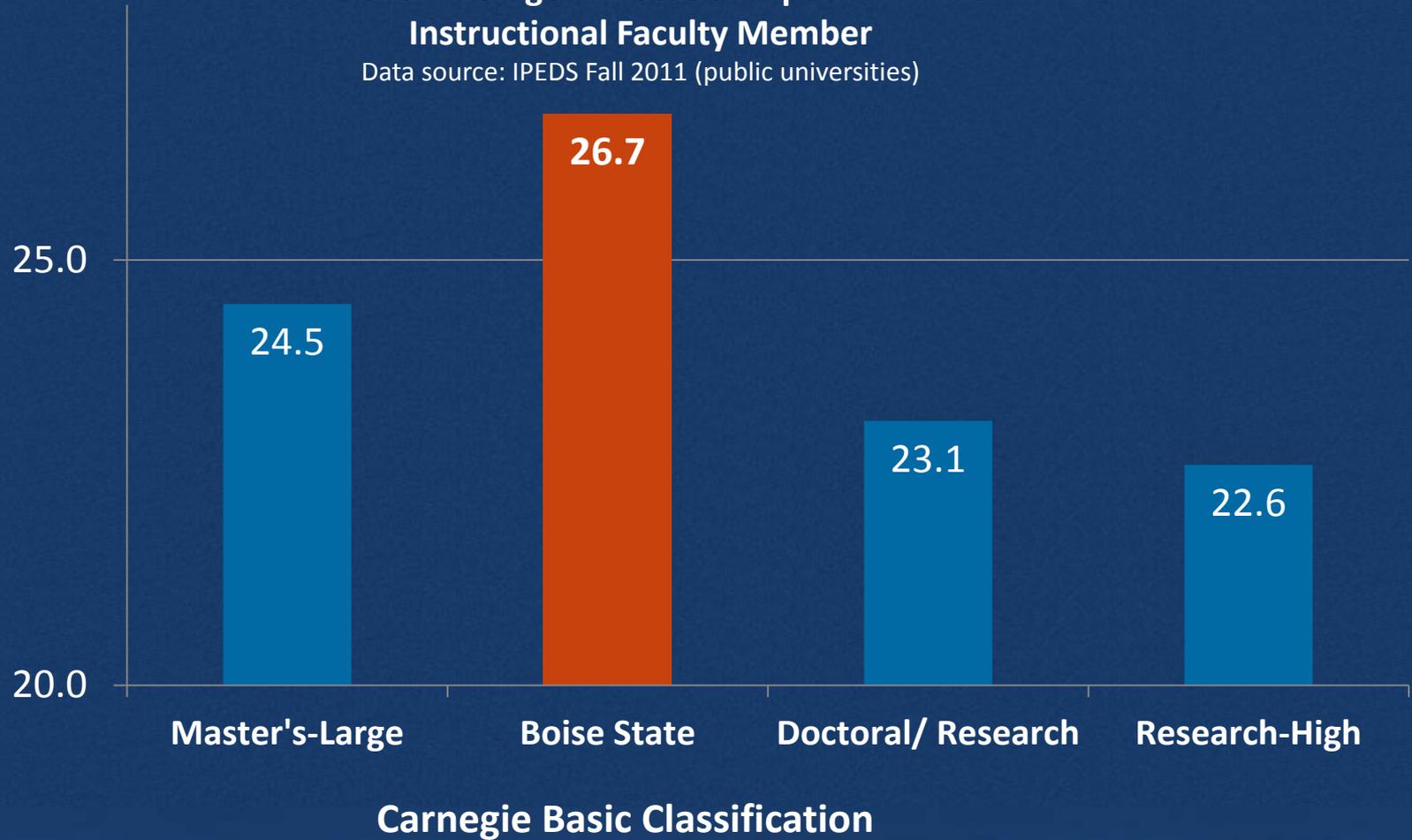


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Challenge: Meeting the 60% Goal

National Average FTE Students per Full-Time Instructional Faculty Member

Data source: IPEDS Fall 2011 (public universities)



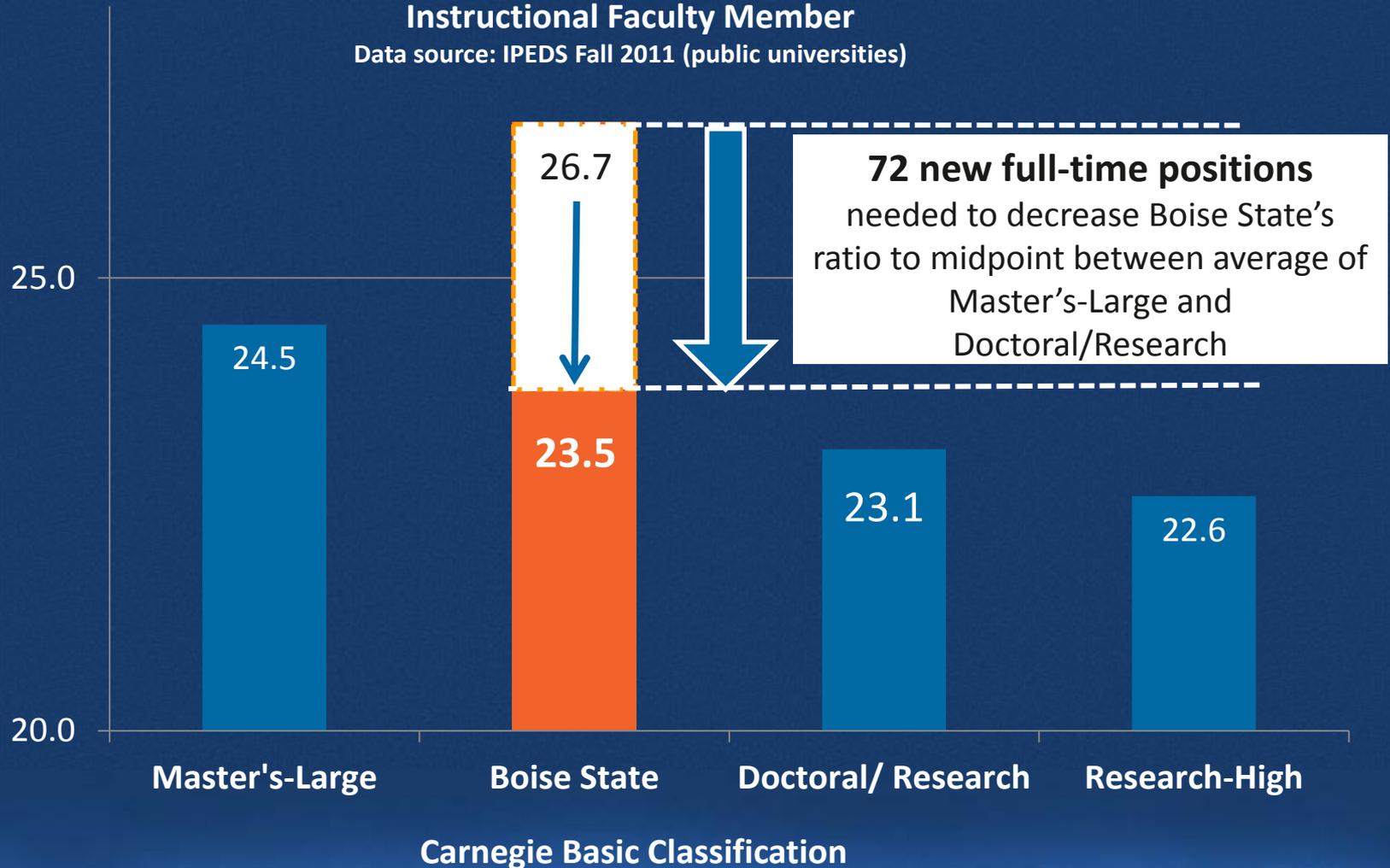


BOISE STATE UNIVERSITY

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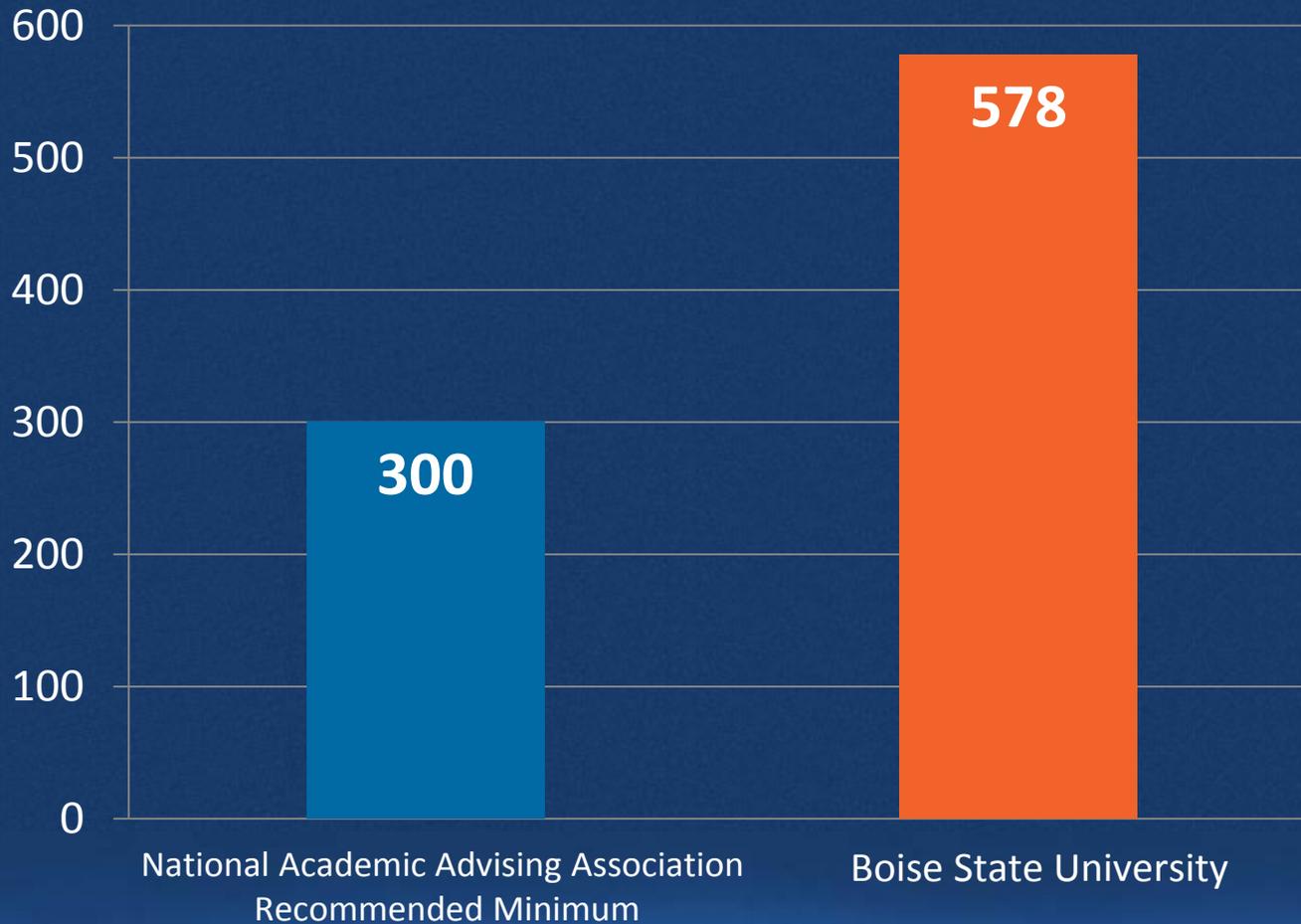




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Challenge: Meeting the 60% Goal

Lower Division Students per Professional Advisor

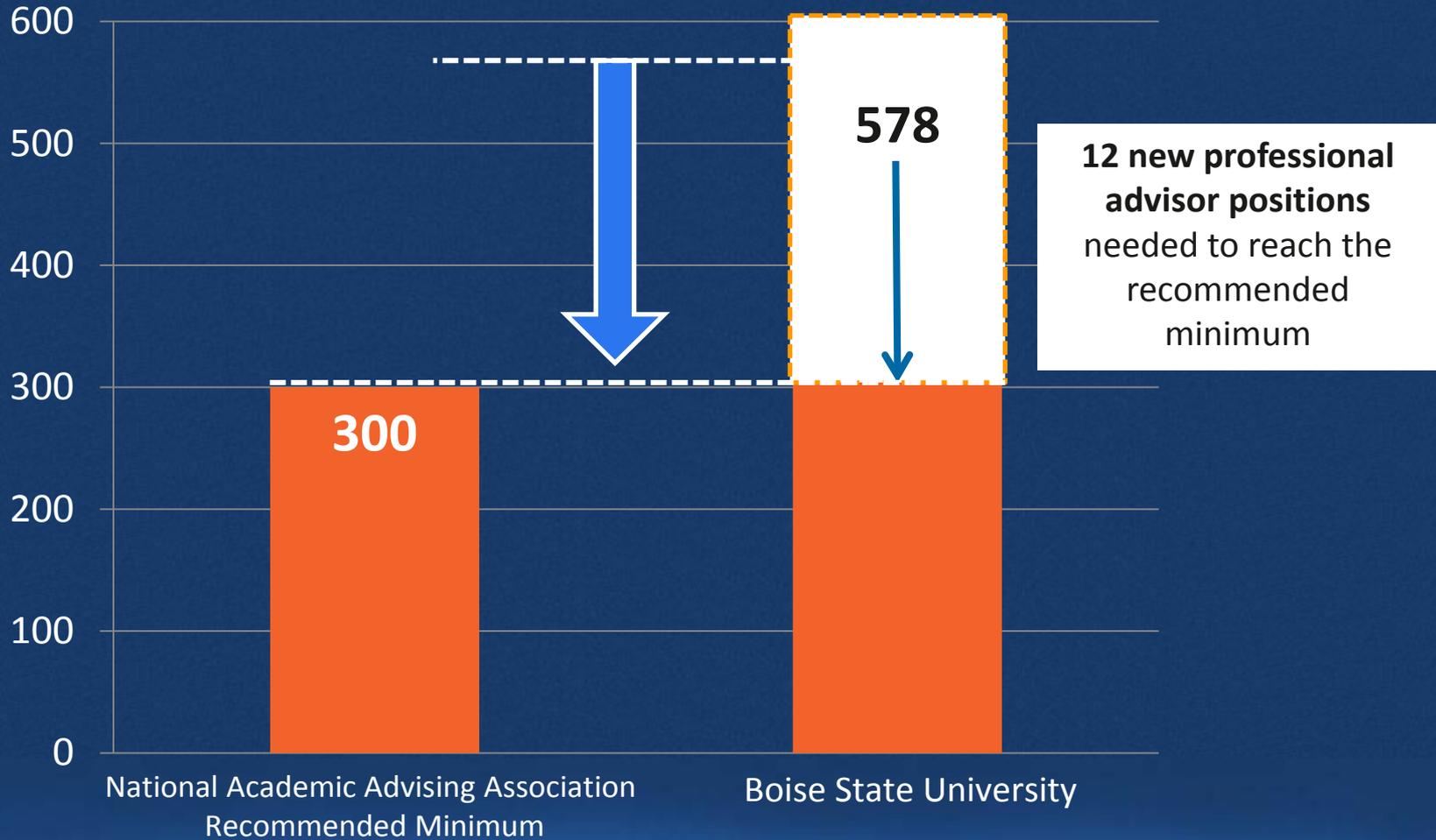




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Challenge: Meeting the 60% Goal

Lower Division Students per Professional Advisor



The Value of a College Degree



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2013

Difference
\$1,102,000





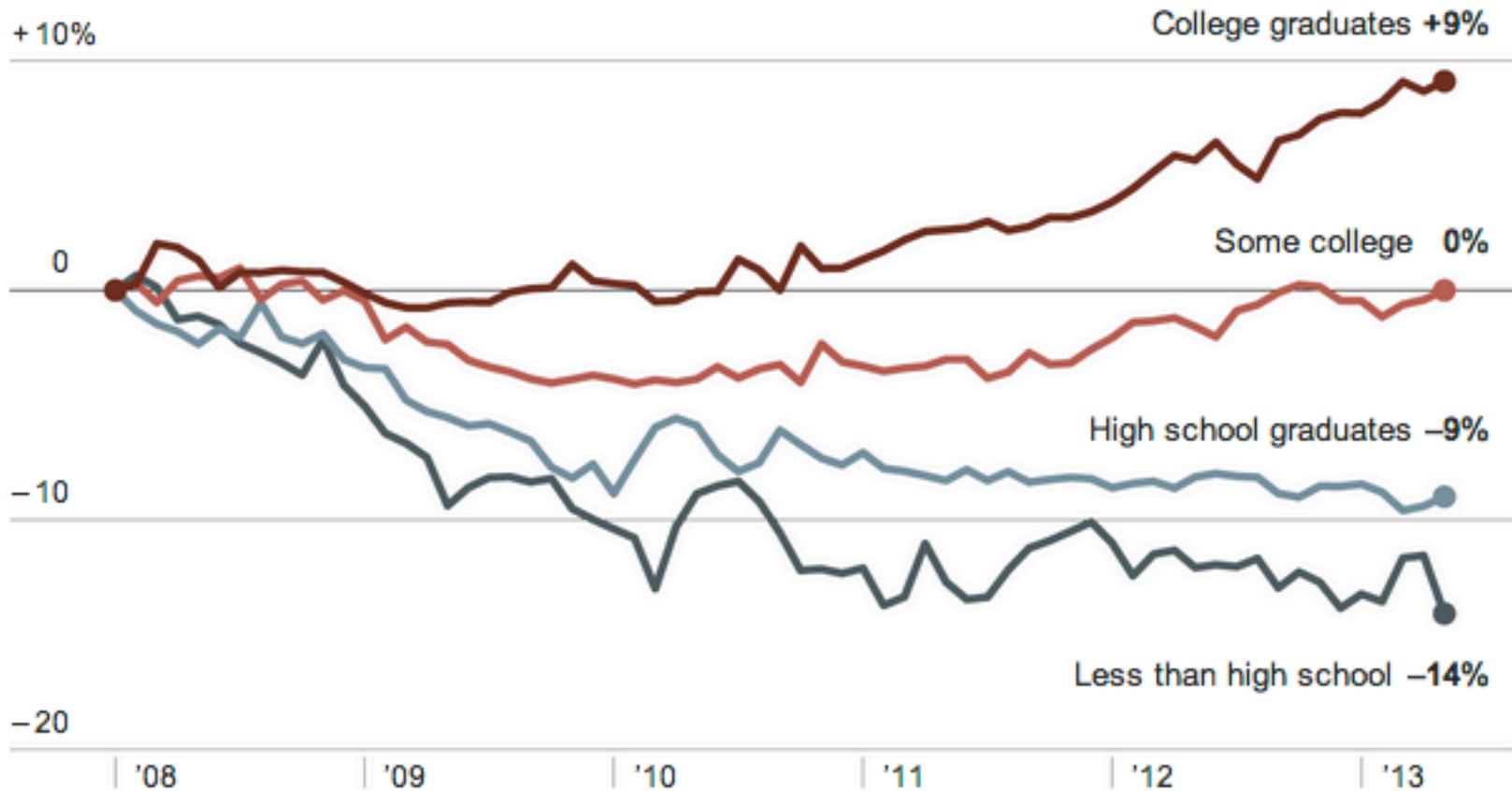
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The Value of a College Degree

Change in employment since the start of the recession

DEC. 2007 - APRIL 2013

+ 10%



Source: Bureau of Labor Statistics



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THANK YOU



The Class of 2017 celebrated their first day on campus with a new tradition -- 'The B on The Blue'