

# Hawai'i P-20 Partnerships for Education

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Hawaii School Counselor Association  
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# What is Hawai'i P-20?

A **statewide partnership** led by the University of Hawai'i System, the Hawai'i State Department of Education and the Early Learning Council with the goal of **improving educational outcomes for Hawai'i.**

An administrative unit under the UH Office of the Executive Vice President for Academic Affairs/Provost.



# What does Hawai'i P-20 do?

Hawai'i P-20 works to **strengthen the pipeline so all students**, from early childhood through higher education, **achieve college and career success.**



# UH Hawaii Graduation Initiative

- Prepare
  - Improve College Readiness
  - Promote College Going
- Participate
  - Offer Early College Opportunities
  - Improve Access to Credit Bearing Courses
  - Improve Remediation Results
- Persist
  - Increase Success of Targeted Groups
- Increase Transfers
- Accelerate Completion
- Improve Course/Program Availability
- Incentivize Students/Campuses
- Perform
  - Increase Job Relevant Degrees and Certificates
  - Increase Work Readiness
  - Encourage Innovation and Entrepreneurial Thinking



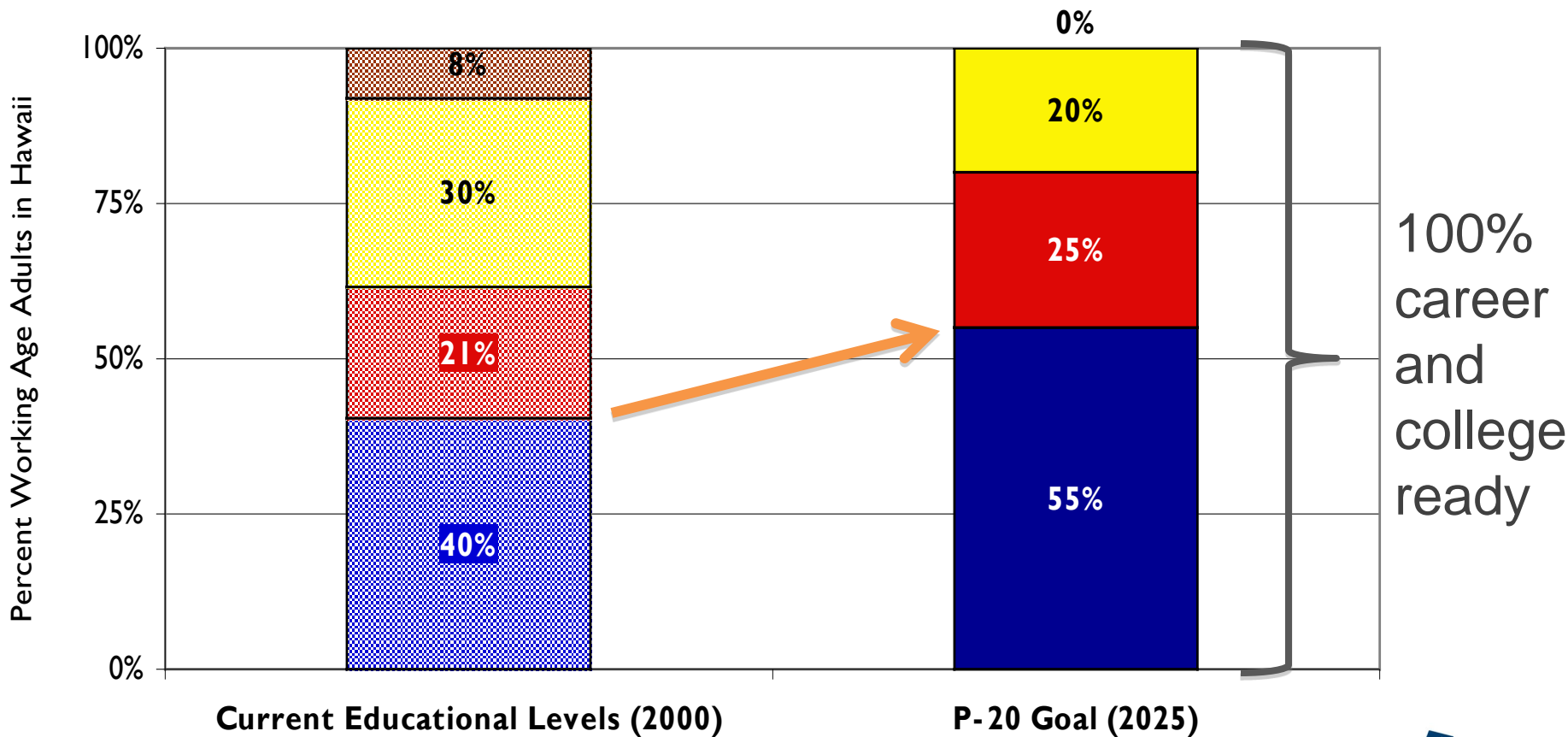
# Hawaii Dept of Education's Vision

Our vision of a Hawaii high school graduate is that all public school graduates will:

- Realize their individual goals and aspirations;
- Possess the attitudes, knowledge and skills necessary to contribute positively and compete in a global society;
- Exercise the rights and responsibilities of citizenship; and
- ***Pursue post-secondary education and/or careers without need for remediation.***



# P-20 Goal: 55% of working age adults will have a 2- or 4-year degree by 2025

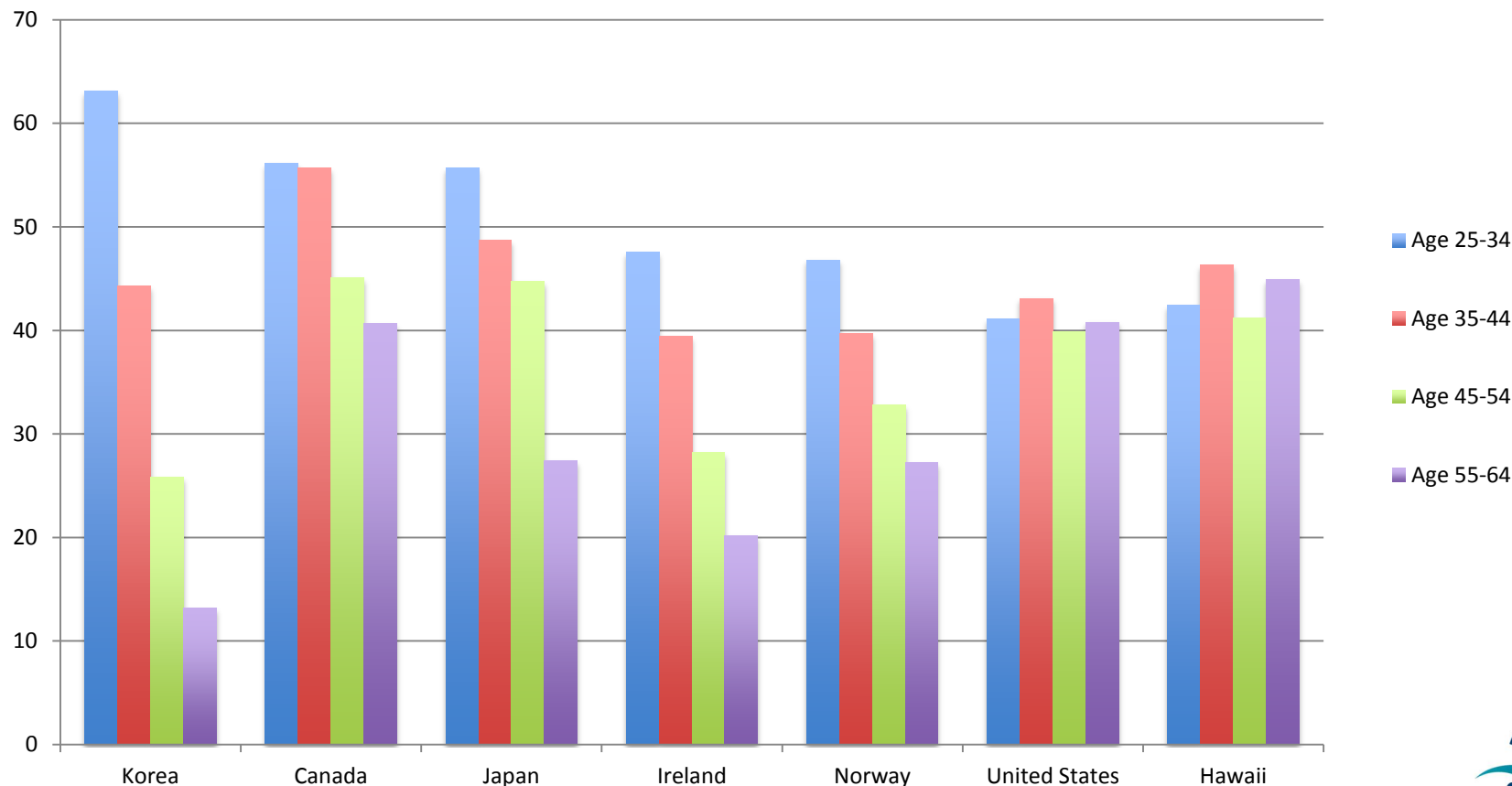


■ Associates or Higher ■ Postsec ed & trng (no degree) ■ Minimum HS Diploma ■ Less than HS



# U.S. & HI are losing ground on global competitiveness

Differences in College Attainment (Associate and Higher) by Age Group—U.S. and Leading OECD Countries, 2011

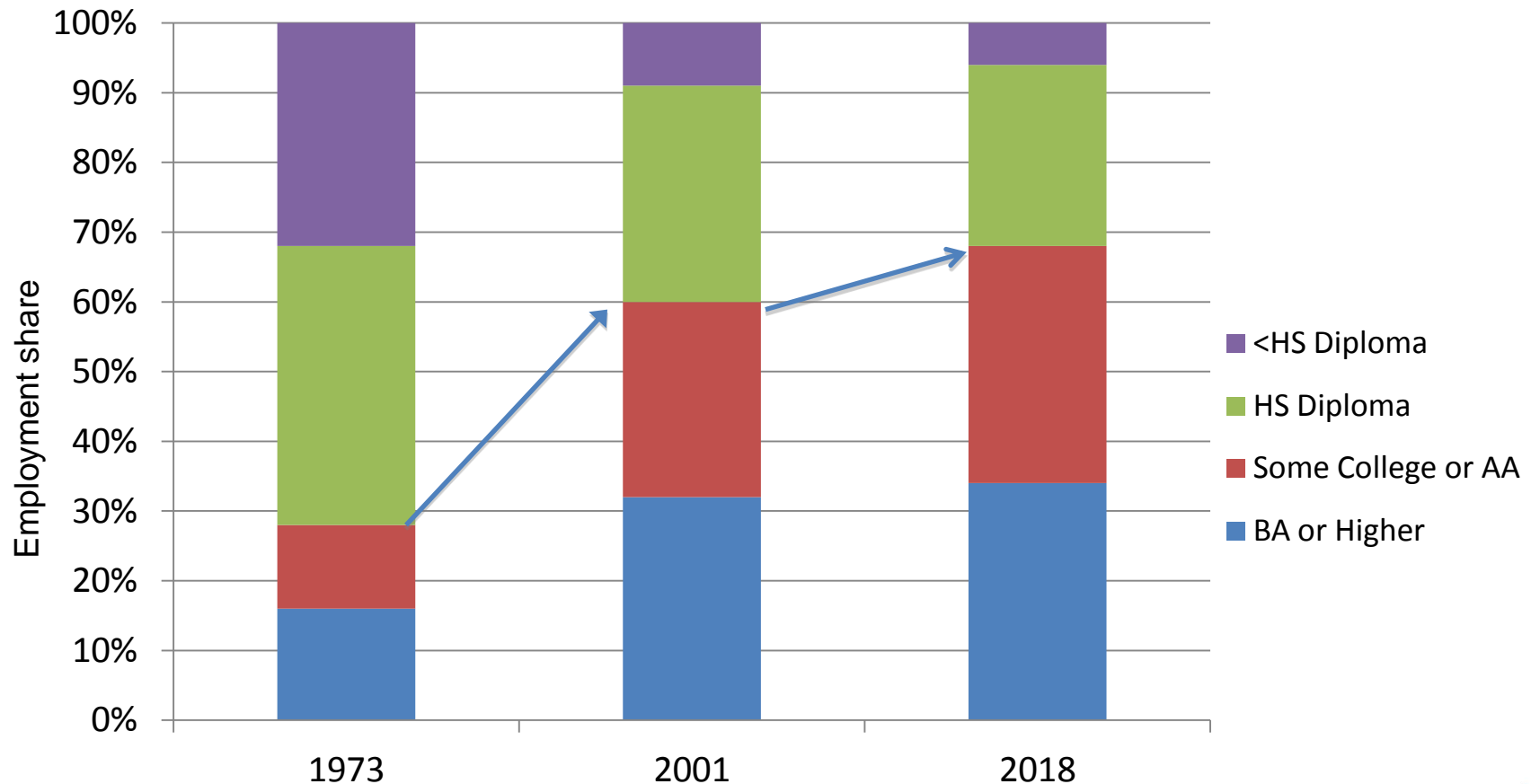


Source: OECD, *Education at a Glance 2011*



**HAWAI'I P-20**  
Partnerships for Education  
Spark. Transform. Excel.

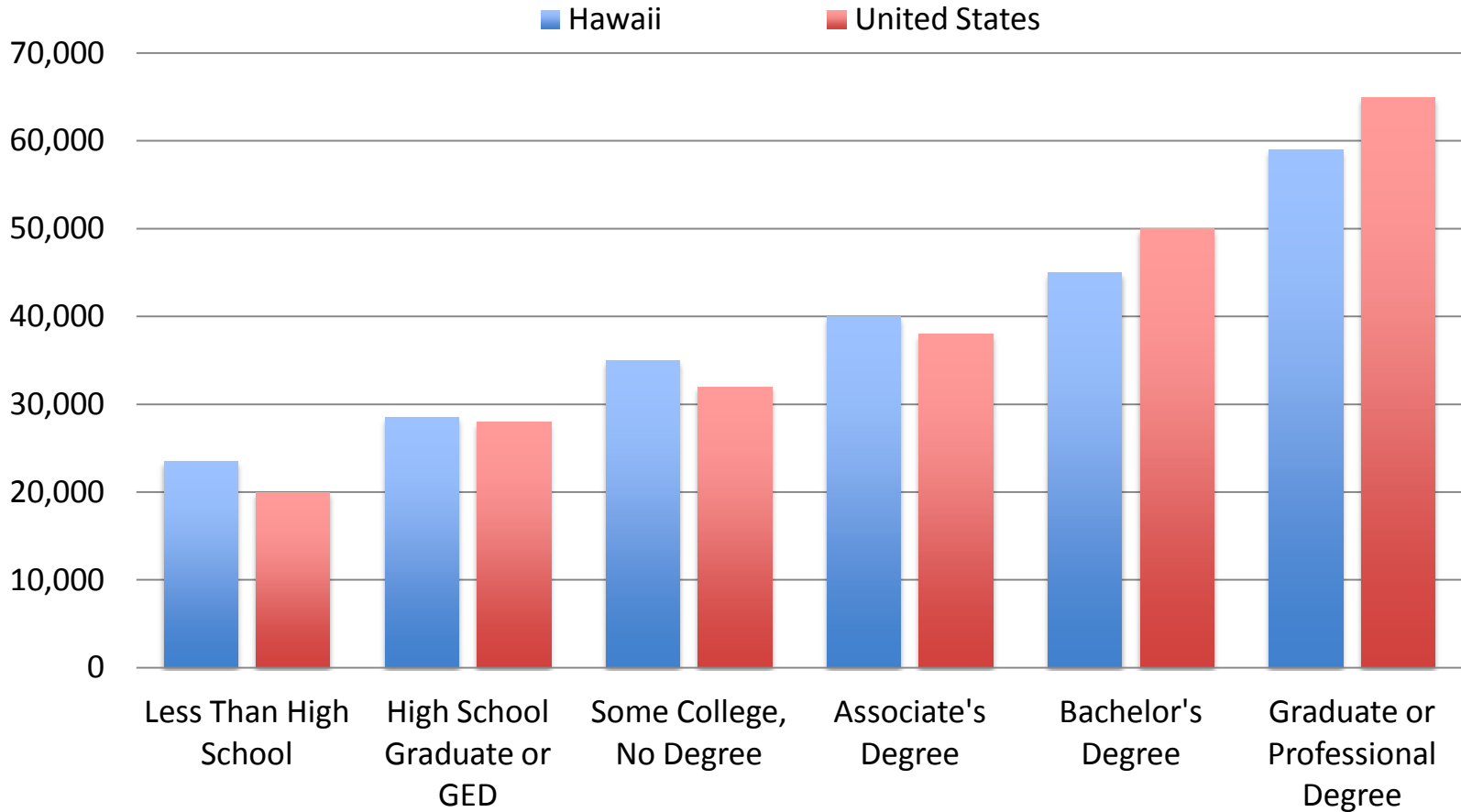
# Today's jobs require more education and training



Source: Georgetown University Center on Education and the Workforce, Help Wanted: Projections of Jobs and Education Requirements Through 2018, June 2010



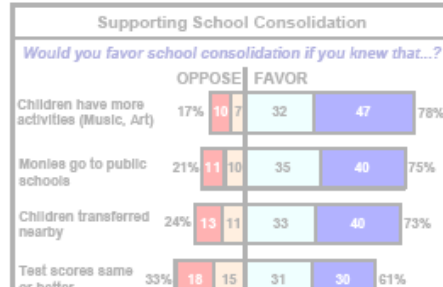
# Median Annual Wages of Employed Workers Aged 25 to 64 by Level of Education



Source: U.S. Census Bureau, 2009 American Community Survey

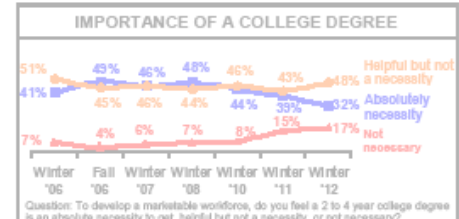
**BENEFITS OF CONSOLIDATION** (From page 3)

Four benefits of school consolidation were read to residents, with the result that most would support consolidation on condition that (a) children have a wider range of activities such as music, art and technology from being in a larger school, (b) the monies saved or income gained went to support the school system, and (c) children are transferred to a nearby school. Three-quarters or more of residents would favor school closures if these advantages were known to them.

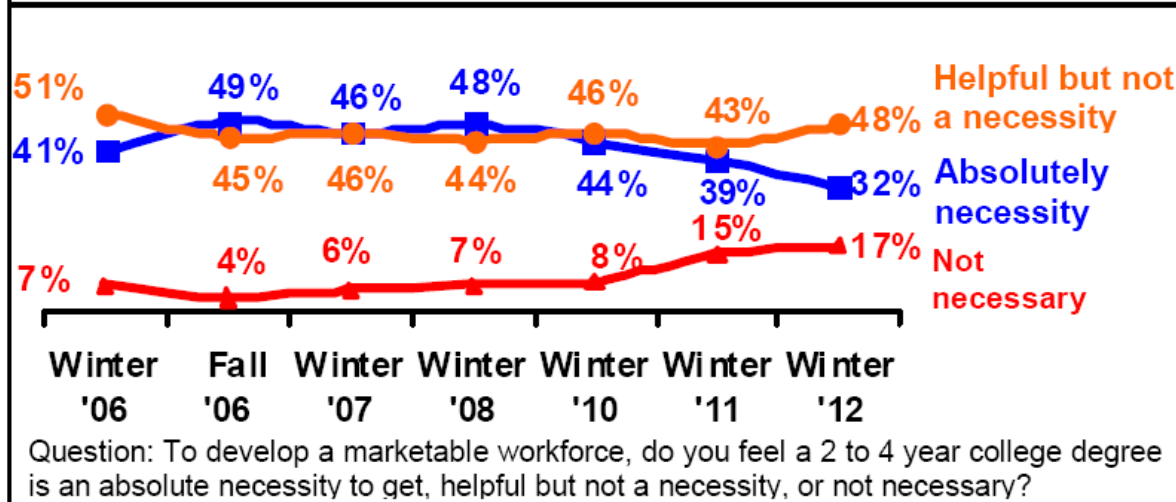


**MARKETABLE WORKFORCE CONCERN: FEWER NOW VALUE A COLLEGE EDUCATION**

In an era when many recent college graduates remain unemployed or underemployed, attitudes toward a college education have softened considerably. Since 2008, prior to the downturn, the proportion of residents who believe that a college degree is "an absolute necessity" has dropped to one-third, from 48% to 32% currently. Those who view a college degree as nice-to-have but not necessary has risen from 44% to 48% in the same period. The proportion of residents who do not value a college education – saying it is "not necessary" – has more than doubled, from 7% to 17%. This is a concern given the need to have a highly educated workforce in Hawaii.



**IMPORTANCE OF A COLLEGE DEGREE**



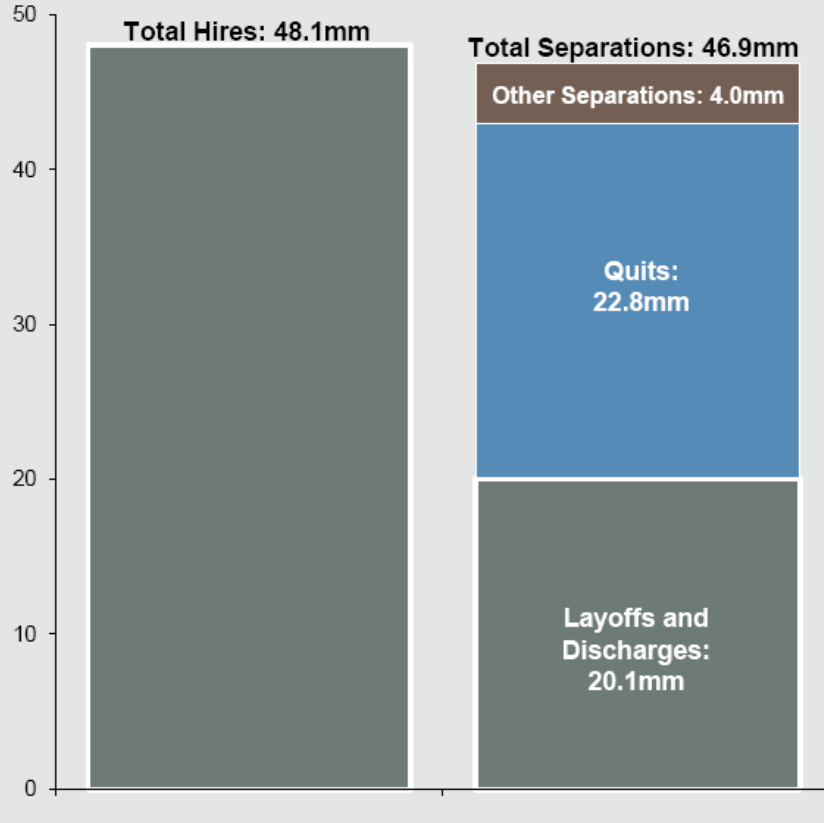
DOE Parent	75%	75%	66%	55%
Non-DOE Parent	83%	84%	75%	69%
Caucasian	77%	72%	67%	53%
Japanese	85%	83%	78%	74%
Hawaiian	75%	73%	75%	54%
Filipino	82%	80%	81%	63%
Other	78%	73%	73%	69%
Likely voters	79%	76%	73%	62%
Not Likely	76%	67%	72%	58%

telephone interviews among a random sample of 700 adult citizens (400 Oahu, 100 each on Hawaii, Maui, and Kauai), December 1 to 19, 2011. Results are weighted by island. At a 95% confidence level the sampling error overall is +/-3.7%. Call OmniTrak Group Inc. at 528-4050 for information on specifics. For more copies of this issue, please go to the following websites:  
<http://www.omnitrakgroup.com/solutions/solutions.html>  
[www.ohio-hawaii.com](http://www.ohio-hawaii.com)



## Job Gains and Losses: Nov. 2010 – Oct. 2011

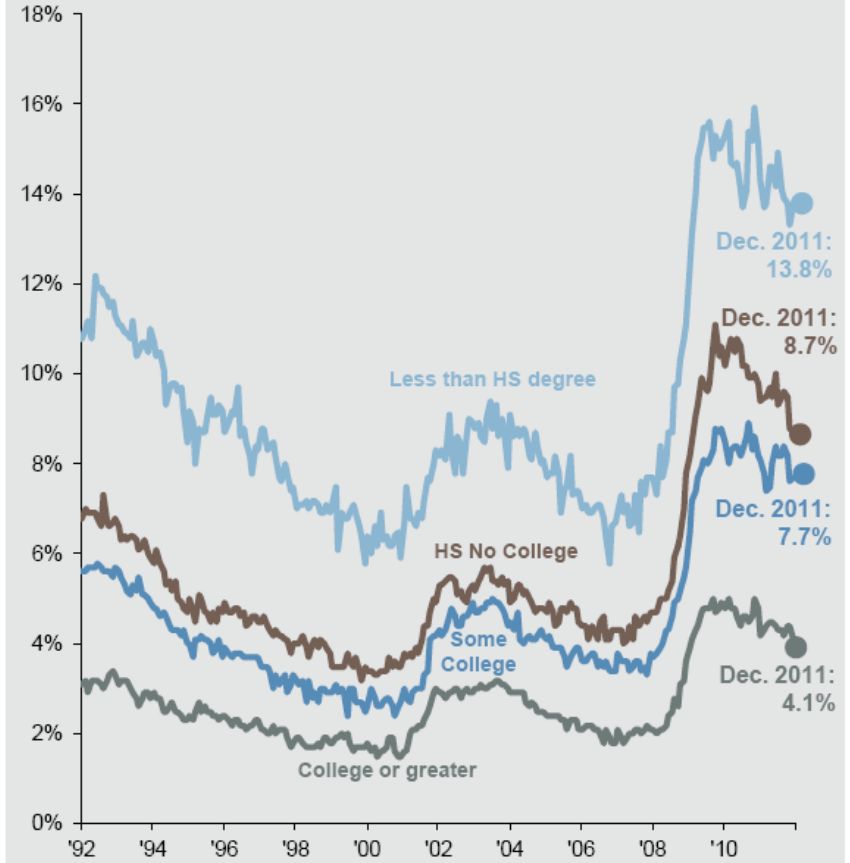
Millions of jobs



Source: BLS, FactSet, J.P. Morgan Asset Management.

Data reflect most recently available as of 1/6/11.

## Unemployment Rate by Education Level

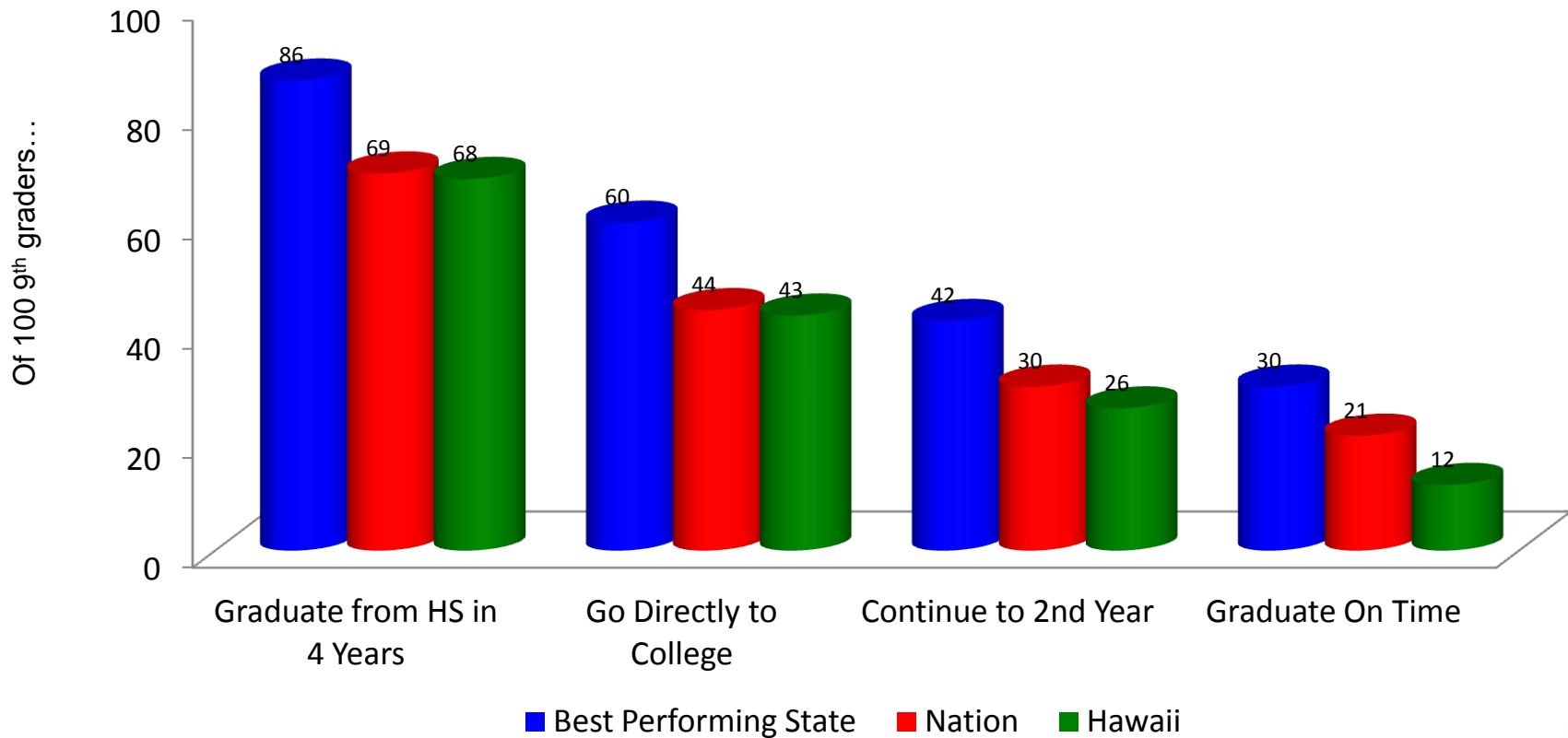


Source: BLS, FactSet, J.P. Morgan Asset Management.

**Evidence shows that not enough of  
Hawaii's graduates are prepared for  
success after high school**

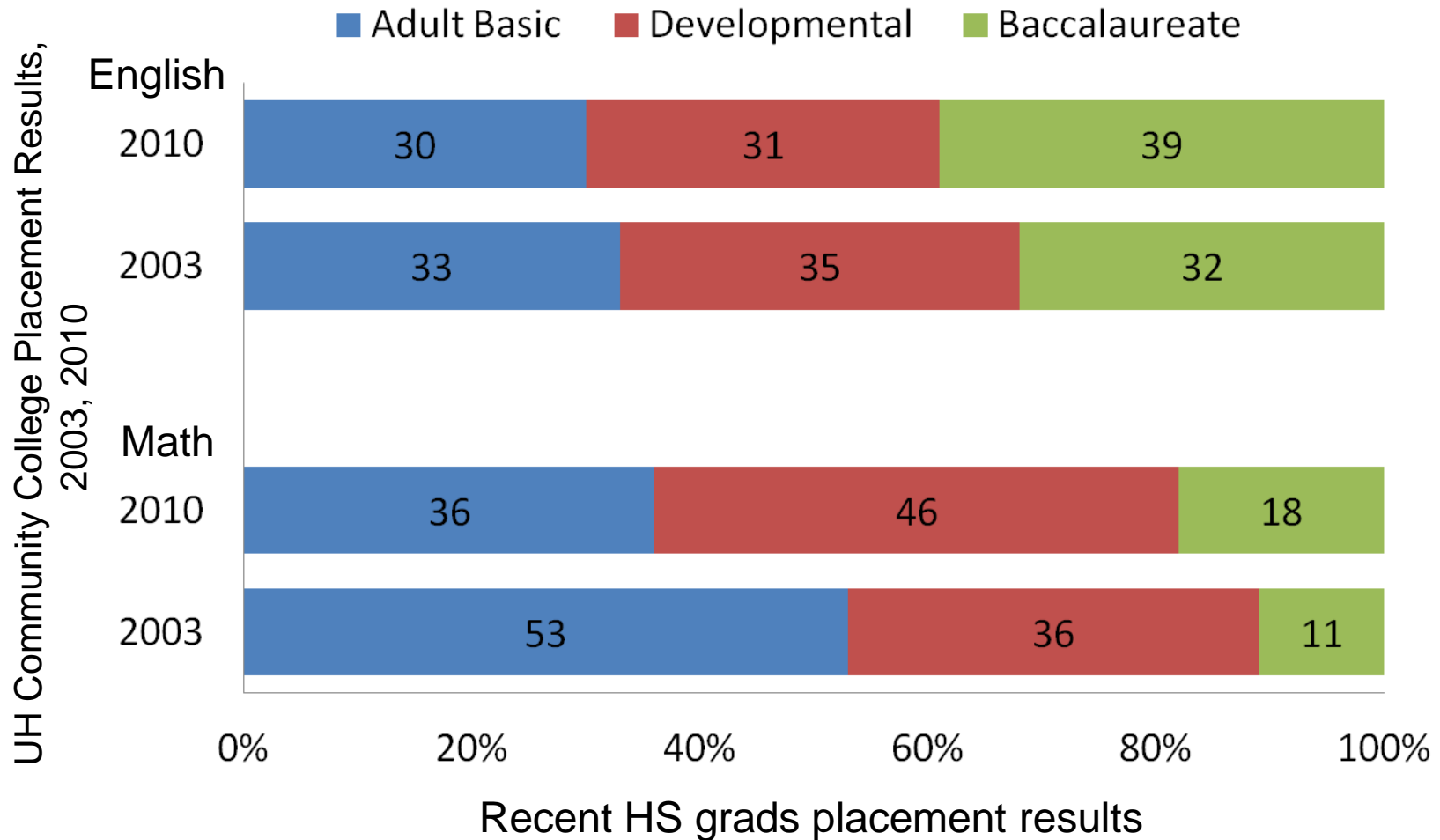


# Hawai'i's educational pipeline is "leaky"



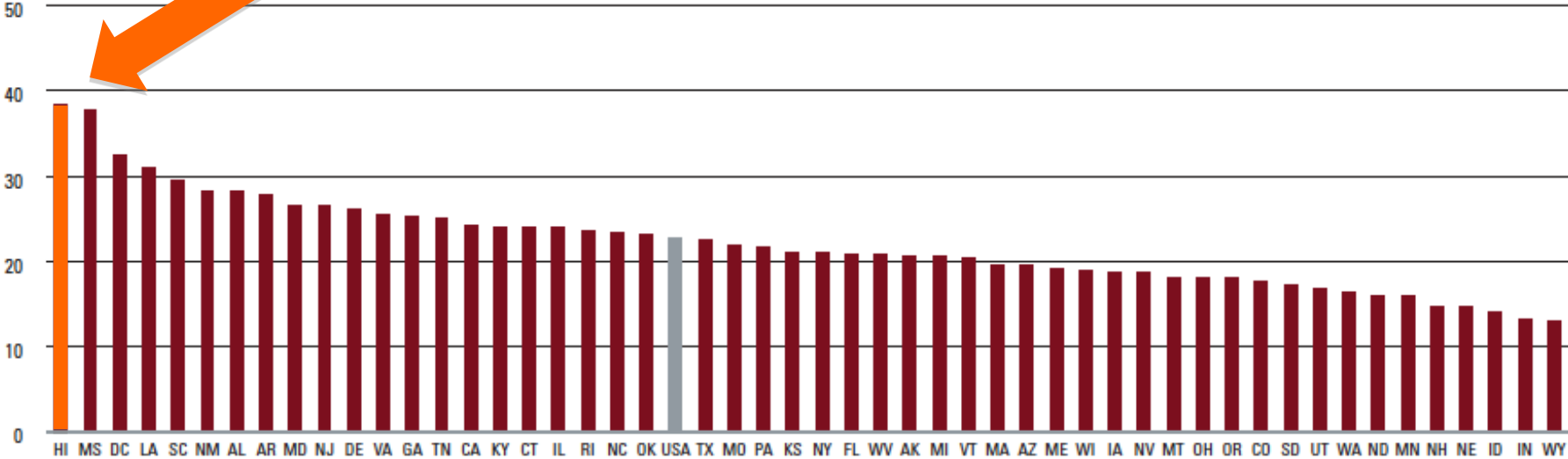
Source: The NCHEMS Information Center for State Higher Education Policymaking and Analysis, 2009.  
[www.higheredinfo.org](http://www.higheredinfo.org)

# Many HS grads are not prepared for college-level work, although there are significant improvements



# Hawaii ranks last in recent graduates qualified for military enlistment by demonstration of academic readiness

## Armed Forces Qualifying Test Ineligibility Rates of Recent High School Graduates, by State



\*The number of applicants across states varies and may not be representative of recent high school graduates. Source: Education Trust analysis of U.S. Army ASVAB data.

# Employers find many graduates under-prepared

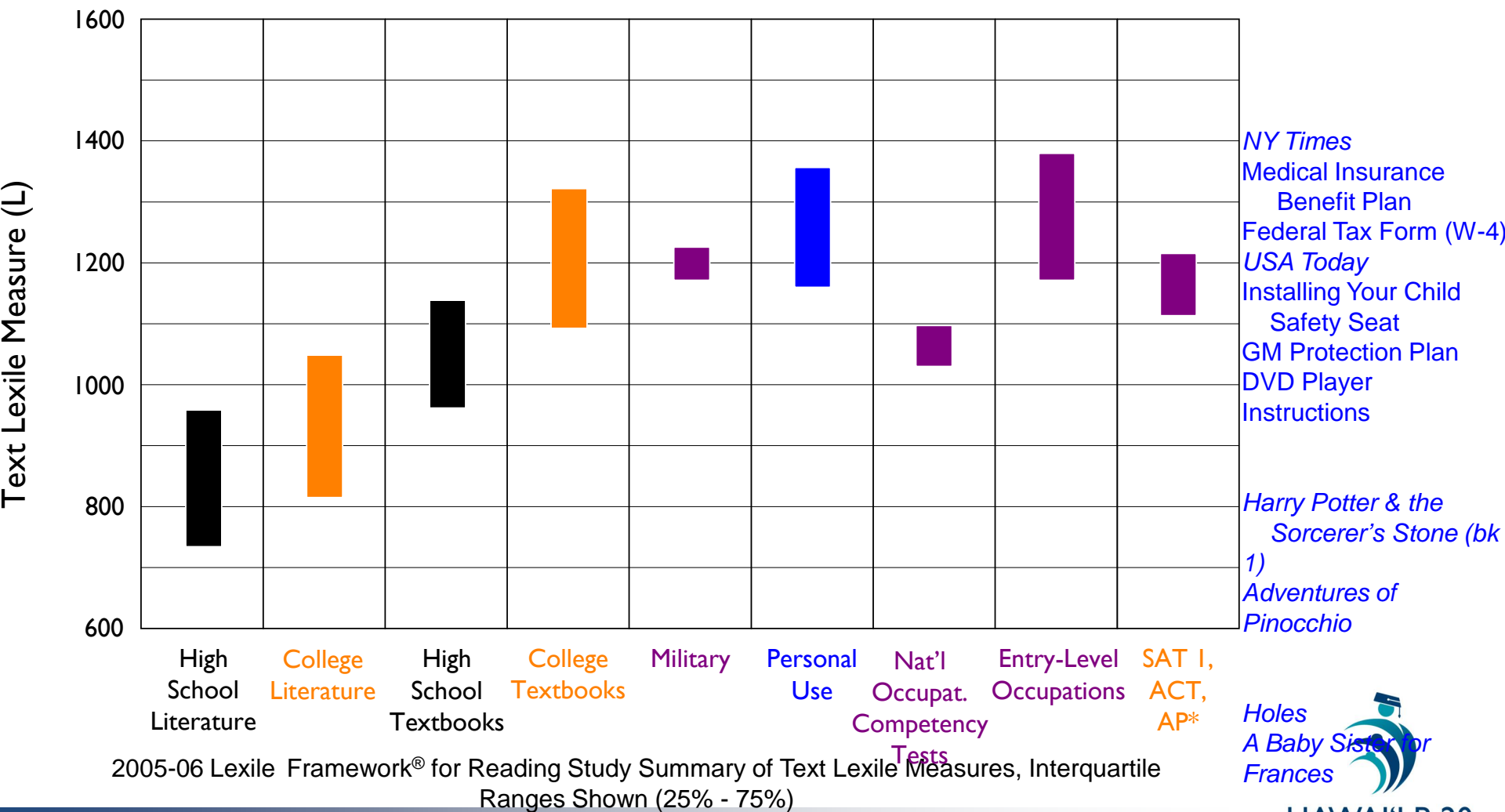
**“About 40% to 50% of (carpentry) apprentices fail the 8th-grade math test. And, pass rates for the Plumbers and Fitters were so low that they lowered the questions to basic algebra, and then conduct their own math course once someone enters.”** (carpenters union)

**“We administer the ACT ASSET test to screen for shipyard apprentices. You have to pass in order to be considered. The test is pretty basic, but the pass rate is terrible – just 27%.”** (Navy Shipyard)





# For today's HS grads, Career Ready = College Ready academic skills



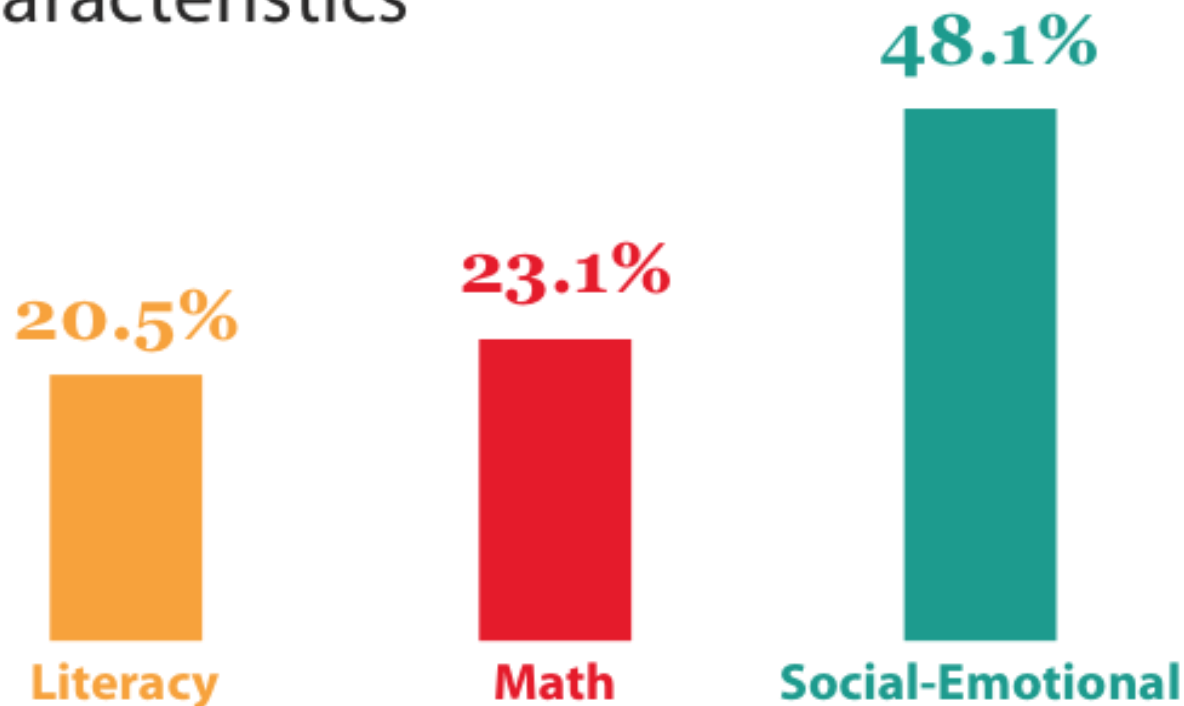
2005-06 Lexile Framework® for Reading Study Summary of Text Lexile Measures, Interquartile Ranges Shown (25% - 75%)

Holes  
A Baby Sister for Frances



# School Readiness

Percent of Kindergarten Classes  
Consistently Displaying Skills  
and Characteristics



Hawai'i State School Readiness Assessment  
School Year 2010-2011

# Return on Investment

**For every \$1**  
**invested in**  
**early learning**  
**our state receives**  
**a return of**



**\$4.20**



# Federal Reserve Chairman, Ben S. Bernanke:

“No economy can succeed without a high-quality workforce, particularly in an age of globalization and technical change. *Cost-effective K-12 and post-secondary schooling are crucial to building a better workforce, but they are only part of the story. Research increasingly has shown the benefits of early childhood education and efforts to promote the lifelong acquisition of skills for both individuals and the economy as a whole.*”

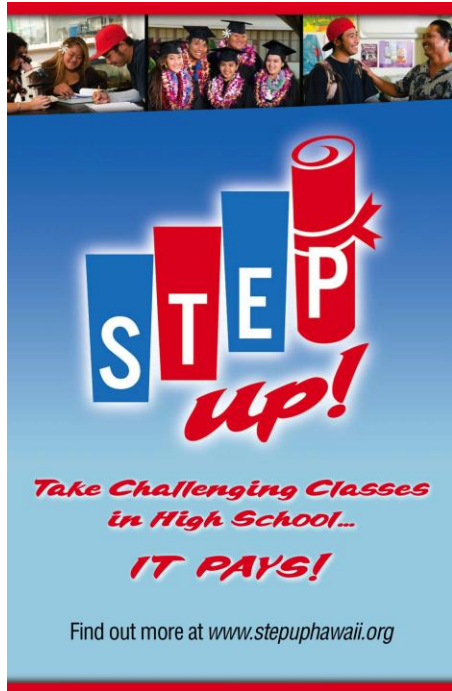


# Hawaii P-20 Initiatives

- Hawaii P-3<sup>rd</sup> Grade Work
- College Access Portal, [myfuturehawaii.org](http://myfuturehawaii.org)
- High School to College Transition Work
- Common Core State Standards & Smarter Balanced Assessments
- Statewide Longitudinal Data System
- Data Reports on Transition Issues



# Step Up Communication Campaign



- Support DOE's implementation of a more rigorous high school diploma
- Encourage students to “Step Up” to the challenge of career and college readiness upon high school graduation
- Generate community-wide awareness and action to support students' educational attainment, particularly at the high school level
- Over 12,800 students have pledged!

Funded by Federal GEAR UP (2005-11; 2011-18)

# College and Career Readiness Indicators

- Completed for every public high school
- Classes of 2009, 2010, 2011

### College and Career Readiness Indicators Class of 2010

Kalaheo High School  
June 2010 Graduates

Indicator	School	Statewide
<b>Exceeding College and Career Readiness</b>	146	10787
High School Completers		
College enrollment nationwide, Fall 2010	57%	50%
2-year college	34%	24%
4-year college	23%	24%
University of Hawaii's System enrollment in 2 & 4 year campuses, Fall 2010	51 (37%)	4322 (39%)
Advanced Placement (AP), 2009-2010: Number of students taking AP exams	86	3445
Number of exams taken / Exams scored 3 or 5 or better	149 / 69	433 / 2085
Running Start participants, Class of 2010, Summer 2009-Spring 2010	6	479
<b>Meeting College and Career Readiness</b>		
College Board SAT, number of graduating senior Class of 2010 taking the SAT	86	4233
Critical Reading / Mathematics / Writing (average scores)	483 / 488 / 457	460 / 479 / 442
BOE Recognition Diplomas awarded, 2010	22 (15%)	1391 (18%)
On-time graduation rate (2010 graduates)	74%	79%
Number of students enrolled in college-level mathematics	14 (24%)	856 (20%)
Number of students enrolled in college-level English	25 (47%)	1,509 (46%)
<b>Approaching College and Career Readiness</b>		
Hawaii State Assessment 2008 - percent proficient	76% / 59% / 36%	62% / 43% / 24%
Reading (10th gr) / Mathematics (10th gr) / Science (11th gr)	142	10,549
High school diplomas awarded, June 2010	17 (32%)	1,516 (46%)
Remedial/developmental mathematics and English, University of Hawaii's System	10 (19%)	1,376 (33%)
Number of students enrolled in remedial or developmental mathematics		
Number of students enrolled in remedial or developmental English		
Percent of 2010 graduates enrolled in the University of Hawaii's System		
Percent of 2010 graduates enrolled in the University of Hawaii's System		

**School Reported College and Career Indicators**

No additional college/career readiness information provided by the school.

### College and Career Readiness Indicators Class of 2010

President Barack Obama challenged the country to return to its position as first in the world in higher education; 60% of working age adults with a two or four year college degree by 2025.

The Hawai'i P-20 Council set a goal of 55% of Hawai'i's working age adults having a two or four year degree by 2025, an increase from 40% in 2000.

Hawai'i Department of Education's Vision of a High School Graduate

**All public school graduates will:**

- Re-define their individual goals and aspirations;
- Possess the attitudes, knowledge and skills necessary to contribute globally and compete in a global society;
- Exercise the rights and responsibilities of citizenship; education and/or careers without need for remediation.

For Hawai'i and its residents to be competitive globally, we must increase the education of our residents. Meeting the goals for economic competitiveness requires improvement of educational outcomes at all levels:


- More children in quality early education programs and entering kindergarten ready to learn;
- More children reading at grade level by third grade;
- More youth graduating high school ready for success in careers and college;
- More high school graduates entering college and earning their degrees in a timely manner; and
- More college graduates meeting the state's workforce needs.

This report presents information on how well Hawai'i's graduates are prepared for career and college success and to achieve the State of Hawai'i Department of Education's Vision of a High School Graduate. The indicators are selected from data currently available and based on recommendations from the report, *Measures that Matter: Making College and Career Readiness the Mission of High Schools* (<http://www.achieve.org/node/719>).

The College and Career Indicators Report is an annual collaboration between the State of Hawai'i Department of Education (DOE) and the University of Hawai'i, coordinated by Hawai'i P-20 Partnerships for Education. Hawai'i P-20 issues this report each spring for the previous year's graduating class. This year's report includes DOE graduate placement into college-level math and English courses and information provided by high schools about their graduating class. Additional report measures are expected to be added in the future as data becomes available.

We appreciate your suggestions and comments about the data reported, explanations of the data and other indicators to include in this report. Please contact Joan Chou at [jchou@doe.hawaii.edu](mailto:jchou@doe.hawaii.edu).

HAWAII P-20  
Partnerships for Education  
State System Plan



# What Does This Mean for You?

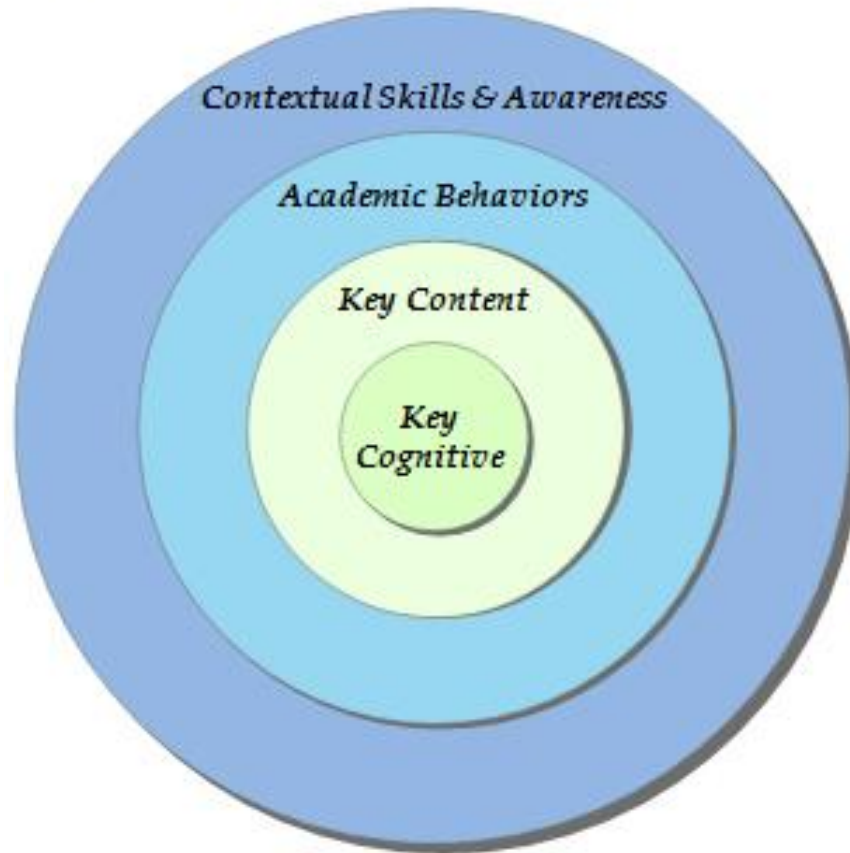
- What can counselors do to help our keiki be college and career ready?
- Are there benchmarks of accomplishments?





# Dr. David Conley's College Readiness Framework

Figure 1: Facets of College Readiness



# Suggestions:

- Create a college-going culture for all
  - College Application Week
  - Visit a college
  - Talk about careers, not just jobs
  - Use the Personal Transition Plan
- Set high expectations for all
  - Reading at grade level by third grade
  - Algebra I completion by 9<sup>th</sup> grade
  - Higher level math/4<sup>th</sup> year of math
  - Class of 2016: A single college and career ready high school diploma
- Encourage early college options
- Encourage immediate entry to college
- Apply for financial aid
- Take 15 credits per semester when in college



1,507 High School Graduates Surveyed  
 43% enrolled in a four-year college  
 (65% public, 33% private)  
 26% not enrolled in a school program  
 25% enrolled in a two-year program  
 6% enrolled in a training program  
 Source: College Board One Year Out study,  
 Hart Research Studies, 2010

GOOD + University of Phoenix

A collaboration between  
 GOOD and Hyperakt,  
 in partnership with  
 University of Phoenix

## HOW DO HIGH SCHOOL GRADS PERCEIVE COLLEGE?

With a challenging economy and tough job market facing recent college graduates, colleges are being scrutinized for how well they prepare students for careers. But has this scrutiny affected how high school students feel about the importance of college? A recent survey of high school graduates from the class of 2010 shows that college is still perceived as a key step towards a more successful future.

90%

WHO DID NOT  
 GO ON TO HIGHER EDUCATION  
 PLAN TO EARN A COLLEGE DEGREE  
 AS A LONGTERM GOAL

83%

OF HIGH SCHOOL GRADS BELIEVE  
 HIGH SCHOOL IS NOT SUFFICIENT  
 EDUCATION AND PLAN ON GETTING  
 A COLLEGE DEGREE

69%

THINK COLLEGE IS  
 IMPORTANT TO ACHIEVING  
 CAREER GOALS

INTENDED  
 MAJORS



13.3%  
 ARTS &  
 HUMANITIES

14.4%  
 PROFESSIONAL  
*tied with*  
 BUSINESS

11.7%  
 SOCIAL  
 SCIENCE

9.7%  
 ENGINEERING  
*tied with*  
 BIOLOGICAL  
 SCIENCE

8.1%  
 EDUCATION

INTENDED  
 LEVEL OF  
 EDUCATION



41.4%  
 MASTER'S  
 DEGREE

20.4%  
 BACHELOR'S  
 DEGREE

10.2%  
 M.D., D.O.,  
 D.D.S., D.V.M.

4.4%  
 J.D. (LAW)

19.1%  
 PH.D. / ED.D



EXPECTED  
 CAREER

11.7%  
 BUSINESS

8.2%  
 ENGINEER  
*tied with*  
 HEALTH  
 PROFESSIONAL

8.1%  
 DOCTOR  
 (MD OR DDS)

7.9%  
 EDUCATION

7.1%  
 ARTIST

COLLEGE PERCEPTIONS

FUTURE EXPECTATIONS



**HAWAI'I P-20**  
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