

THE UH COMMUNITY COLLEGES



STRATEGIC GOALS FOCUS OUR BUDGET REQUEST

- A. Promote Learning and Teaching for Student Success
- B. Function as a Seamless State System
- C. Promote Workforce and Economic Development
- D. Develop Our Human Resources: Recruitment, Retention, and Renewal
- E. Develop an Effective, Efficient, and Sustainable Infrastructure to Support Student Learning

(Adopted by the Board of Regents in November 2002.)

MEETING THE PUBLIC'S AGENDA

In today's economy, the quality of jobs in our communities, and our ability to prepare a skilled workforce are among the most important items on Hawai'i's public agenda.

We Need to Fill 28,000 Jobs Annually

Occupation Title	Average Annual Openings			Percent
	Due To Growth	Due To Separations	Total	
Total, All Occupations	11,352	16,914	28,266	100.0%
Food preparation and serving related occupations	1,415	3,146	4,561	16.1%
Office and administrative support occupations	764	2,645	3,409	12.1%
Sales and related occupations	656	2,413	3,069	10.9%
Education, training, and library occupations	1,015	1,060	2,075	7.3%
Building and grounds cleaning and maintenance occupations	879	916	1,795	6.4%
Transportation and material moving occupations	554	1,001	1,555	5.5%
Management occupations	537	891	1,428	5.1%
Personal care and service occupations	712	616	1,328	4.7%
Healthcare practitioners and technical occupations	779	499	1,278	4.5%
Construction and extraction occupations	481	0	481	1.7%
Protective service occupations	529	534	1,063	3.8%
Business and financial operations occupations	466	476	942	3.3%
Installation, maintenance, and repair occupations	247	596	833	2.9%
Healthcare support occupations	593	224	817	2.9%
Production occupations	252	560	812	2.9%
Arts, design, entertainment, sports, and media occupations	350	458	808	2.9%
Life, physical, and social science occupations	248	347	595	2.1%
Computer and mathematical science occupations	403	120	523	1.9%
Community and social services occupations	249	168	417	1.5%
Architecture and engineering occupations	147	185	332	1.2%
Legal occupations	76	69	145	0.5%
Farming, fishing, and forestry occupations	0	0	0	0.0%

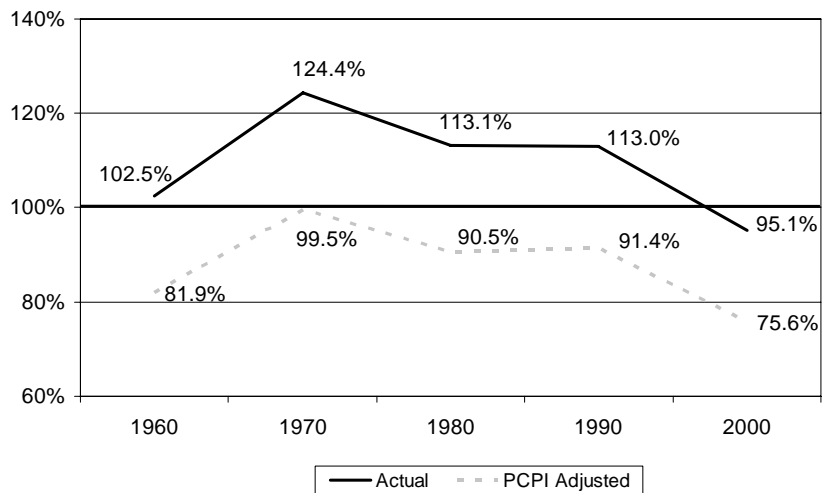
Source: EMSI June 2005

Most Require Education Beyond HS

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Source: EMSI June 2005

Declining Per Capita Personal Income in Hawai'i as a Percent of U.S. Average—1960-2000



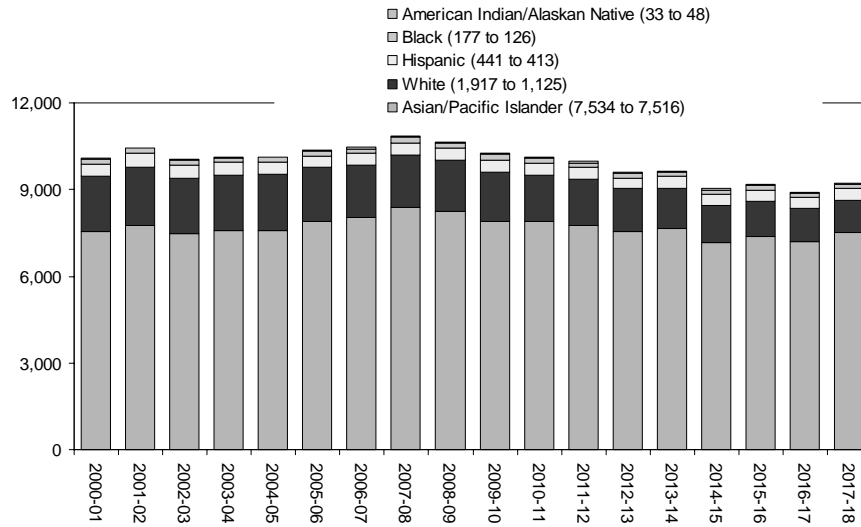
Source: U.S. Census Bureau

The economic future of the state depends on increasing the number of high value jobs and a skilled workforce that can fill those jobs.

Education is the key to the achievement of this future;

But there are some realities we need to be prepared to deal with.

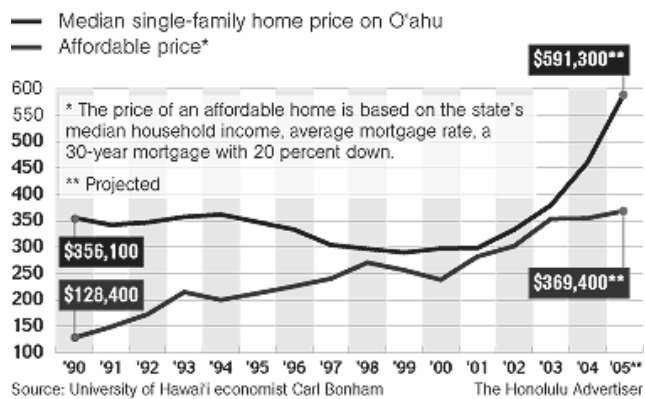
HS Graduates Can Only Supply About 1/2 of the 28,000 Annual Jobs to Fill



Source: WICHE High School Graduate Projections

We Can No Longer Depend on an Imported Workforce to Fill the Gap

HOMES ON O'AHU: BEYOND AFFORDABLE



Hawaii Civilians Age 25-64 in the Workforce by Education Attainment, 2000

	In Civilian Workforce		Not in Civilian Workforce	
	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
Less than High School	38,862	59.0	29,986	41.0
High School Diploma or GED	119,954	71.5	47,905	28.5
Some College, No Degree	114,101	77.5	33,073	22.5
Associate Degree	47,391	81.2	11,001	18.8
Bachelor's Degree	102,611	83.3	20,607	16.7
Graduate or Professional Degree	47,406	86.9	7,145	13.1

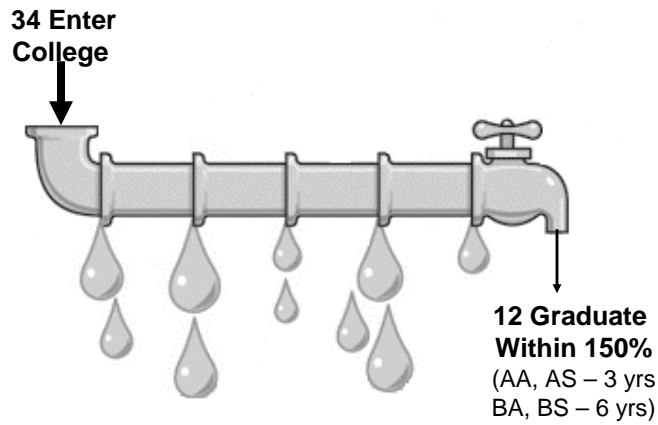
Source: Integrated Public Use Microdata Series 5% sample, Minnesota Population Center; www.ipums.org

OUR LEAKY EDUCATION PIPELINE

For Every 100
Students in Grade 9



OUR LEAKY EDUCATION PIPELINE

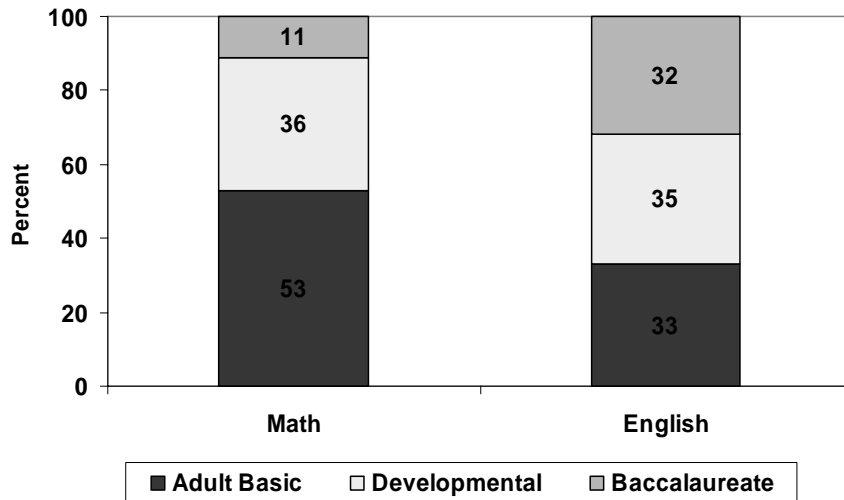


**MEASURING UP
2004
THE STATE REPORT CARD
ON HIGHER EDUCATION**

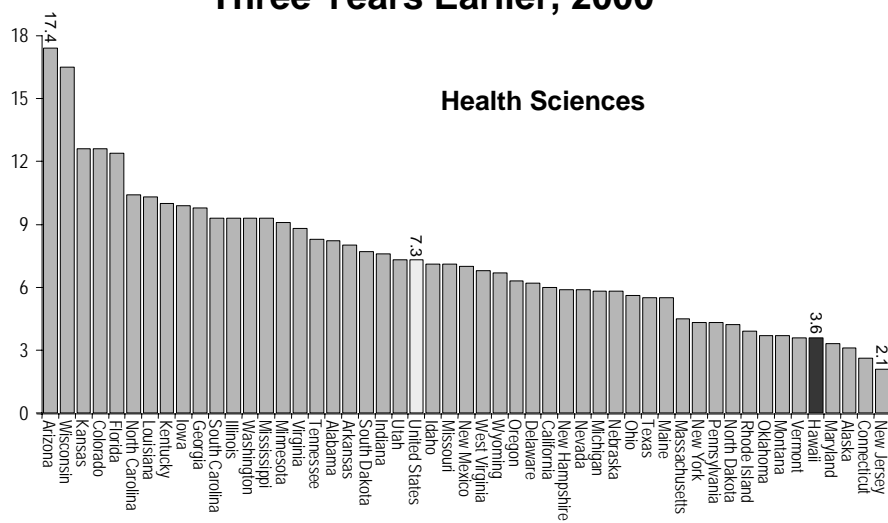
PREPARATION	HAWAII		Top States 2004
	A Decade Ago	2004	
High School Completion (20%)			
18- to 24-year-olds with a high school credential	94%	92%*	94%
K-12 Course Taking (35%)			
9th to 12th graders taking at least one upper-level math course	22%	n/a	59%
9th to 12th graders taking at least one upper-level science course	18%	n/a	41%
8th grade students taking algebra	n/a	n/a	35%
12th graders taking at least one upper-level math course	n/a	n/a	66%
K-12 Student Achievement (35%)			
8th graders scoring at or above "proficient" on the national assessment exam:			
in math	14%	17%	36%
in reading	19%	22%	39%
in science	15%	15%	42%
in writing	15%	18%	41%
Low-income 8th graders scoring at or above "proficient" on the national assessment exam in math	7%	8%	23%
Number of scores in the top 20% nationally on SAT/ACT college entrance exam per 1,000 high school graduates	110	152	227
Number of scores that are 3 or higher on an Advanced Placement subject test per 1,000 high school juniors and seniors	92	147	219
Teacher Quality (10%)			
7th to 12th graders taught by teachers with a major in their subject	58%	73%	81%

*Eighty-eight percent of 18- to 24-year-olds have a regular high school diploma; 4% have a GED.
Note: Indicators in italics are new for 2004.

UH Community Colleges' Entering Student Placement Fall 2003

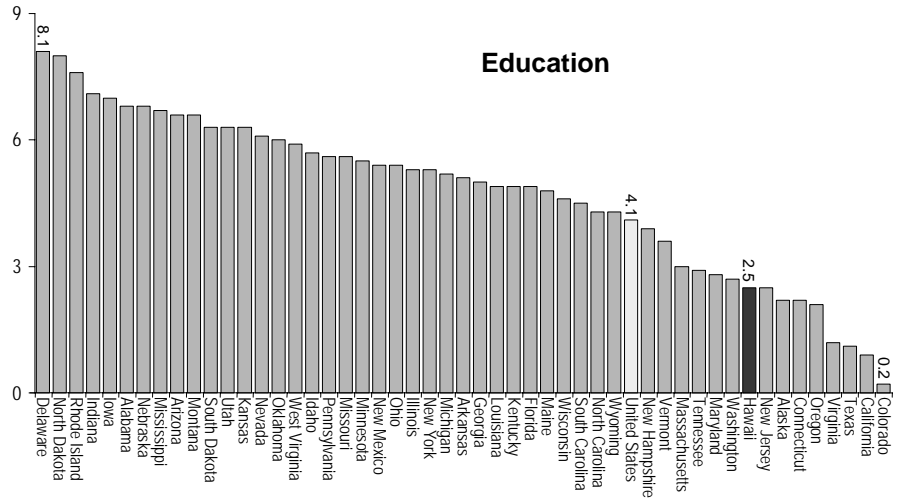


Number of Associate Degrees and Certificates Awarded (2003) Per 100 High School Graduates Three Years Earlier, 2000



Source: NCES-IPEDS Completions 2002-03; WICHE High School Graduates, 2000

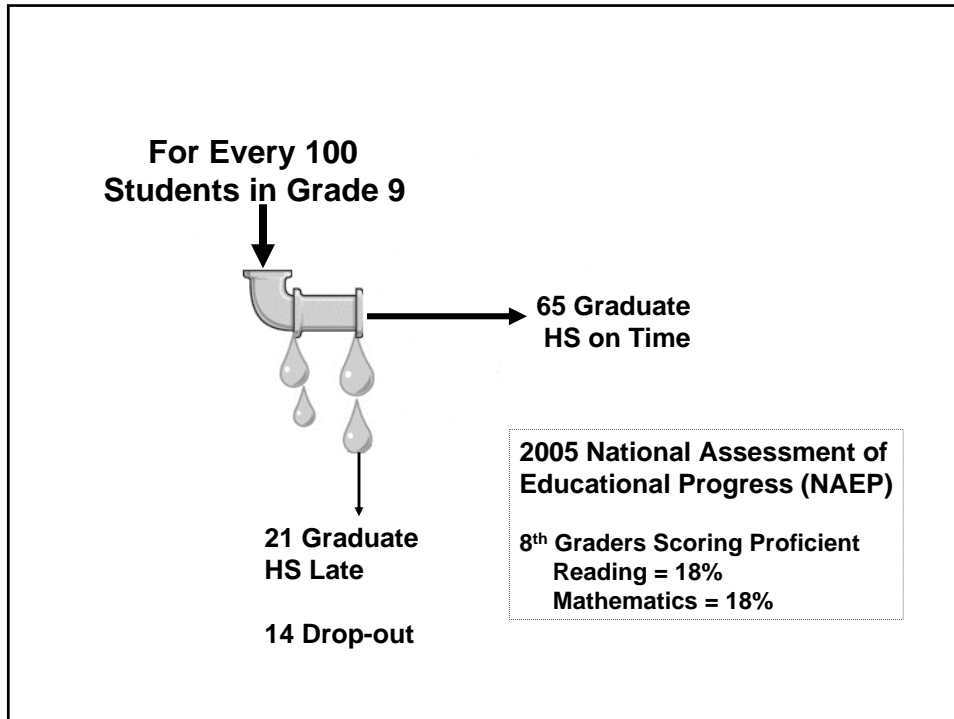
Number of Baccalaureate Degrees Awarded (2003) Per 100 High School Graduates Six Years Earlier, 2000



Source: NCES-IPEDS Completions 2002-03; WICHE High School Graduates, 1997

FIXING THE PIPELINE





OUR TASK IS CLEAR

- **Work with the DOE to prepare students who exit high school prepared for college or work without a need for remediation**

Planned Activities:

- Expand the use of the CC Academy in the High School
- Increase the use of Running Start and Early Admission
- Develop articulated, purposeful Career Pathways
- Enhance student support for successful transition

OUR Goal

- To reduce the number of entering students who are assessed as needing remediation in either English or Mathematics.

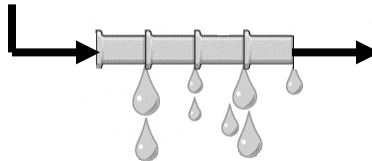
DOE high School to UHCC

(Student "Going" Rate)

1996 = 25.0%

2000 = 23.2%

2004 = 22.6%



OUR TASK IS CLEAR

- **Get more students to:**

- Complete high school
- Enter college
- Complete college

Planned Activities:

Expand financial aid for low-income students

Increase student recruitment efforts within the DOE

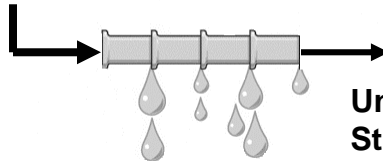
Develop articulated Career Pathways

OUR Goals

- **To increase the UHCC “Going” rate of public high school graduates to 40%;**
- **To increase the graduation or continued enrollment rate to 45%;**
- **To increase the number of students transferring to a UH 4-year college to 2,500 per year.**

**Entering UHCC Students
Assessed as Underprepared**

Math = 89%
English = 68%



**Underprepared
Students Continuing
the Next Semester**

2001 = 72.9%
2004 = 70.3%

OUR TASK IS CLEAR

- **Assure that adults without basic skills are provided the skills necessary to successfully complete a degree or certificate and enter the workforce.**

Planned Activities:

Develop an integrated ABE plan with the DOE

Offer ABE classes from DOE on CC campuses

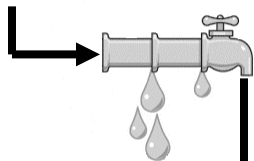
Increase scholarship support for underprepared students

OUR Goal

- To increase the term-to-term enrollment rate of underprepared students to 75%

UHCC Students With 24 or More Credits

2001 = 8,615 (35%)
2004 = 4,582 (18%)



UHCC Students Completing Degrees

2001 = 2,553
2004 = 2,671

Transfer to UH 4-Year

2001 = 1,044
2003 = 830

OUR TASK IS CLEAR

- **Eliminate shortages in key areas, such as:**
 - Teachers
 - Nurses/health sciences, including Long Term Care
 - Applied Technologies (Engineering, Automotive, etc.)
 - ICS—with a focus on science/engineering applications
 - Mathematics, sciences, engineering

Planned Activities:

Develop new programs to meet changing workplace requirements

Adjust enrollment capacity to meet changing workplace demand

Use PCATT to develop focused ICS training

OUR Goals

- **To increase the employability of UHCC graduates to 97%;**
- **Increase the annual Percentage-of-Fit in occupational/technical programs to make more efficient use of facilities and faculty;**
- **Maintain or increase the student reported rate of satisfaction with their preparation for work.**

OUR TASK IS CLEAR

- **Assist in economic development through:**

- Technology transfer
- Rapid response training
- Continuing education & training

Planned Activities:

Implement and expand our design and delivery of customized incumbent worker training

Design and deliver a program to train first line supervisors

Provide scholarship support for moderate income working adults

Offer advanced culinary training

OUR Goal

- **To increase non-credit student registrations to 90,000 annually**

OUR TASK IS CLEAR

Develop and sustain an infrastructure and system that address these issues as appropriate in all parts of the State.

Planned Activities:

Maintain and modify facilities to meet program needs

Replace and upgrade equipment to meet program needs

Assess programs and services, and make improvements essential to assure continued ACCJC accreditation

OUR Goals

- **Increase the facilities repair and maintenance annual expenditures to \$10 million;**
- **Increase the annual expenditures for equipment acquisition and replacement (including IT and distance learning equipment requirements) to \$7 million;**
- **Increase the UHCC marketing and public information budget to \$1 million.**