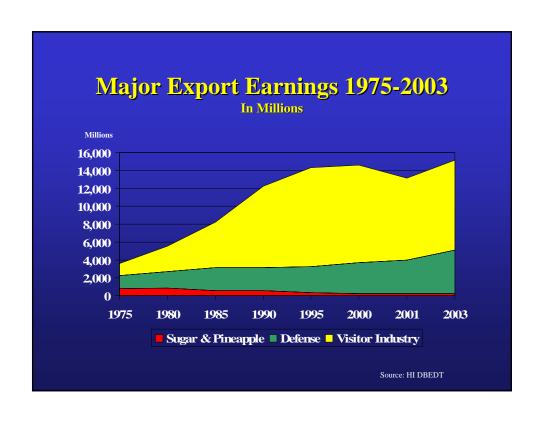
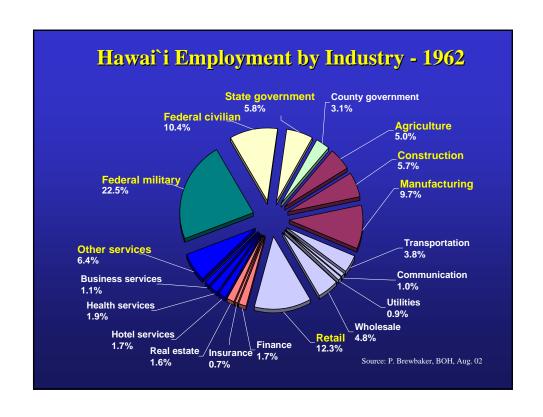
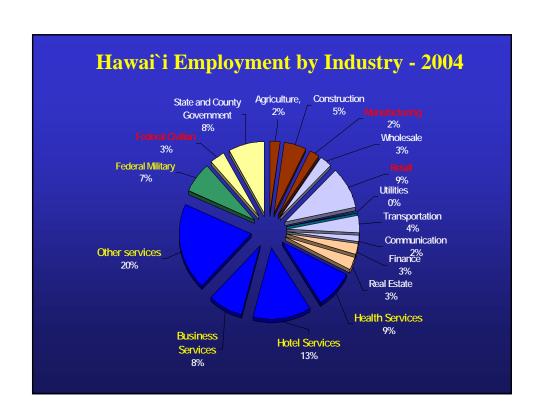


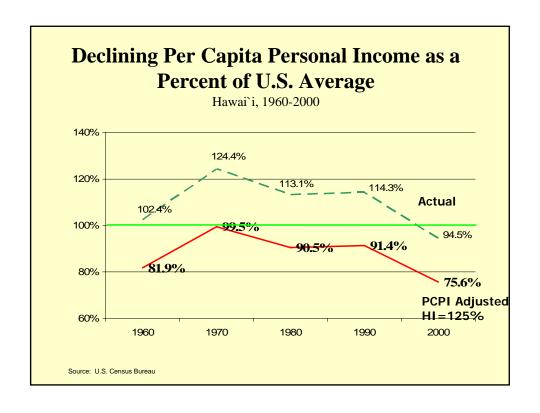
In Today's Global Economy,
A Skilled, Competent, and Diverse
Workforce is One of
The Most Important
Competitive Advantages

Work in Hawai`i
is in a process of continuous
change, both across the economy
and within each job.









The Transforming Workplace is:

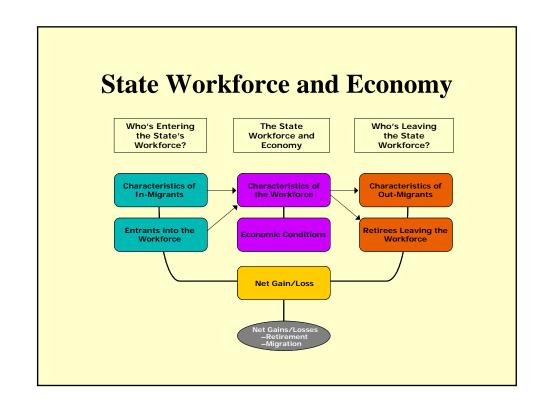
- Reducing the number of lower-skill jobs
- Requiring higher-level skills in the remaining jobs
- Changing what all workers need to know and how they need to use what they know
- Limiting the long-term value of any current stock of knowledge or skill
- Exaggerating the pay gap between low skill and high skill jobs

There are Emerging Opportunities

- Environmental/Bio-Sciences
- Telecommunications/ Information Technologies
- Health Sciences
- Transportation Technologies
- Advanced Culinary Arts



Source: UH Community Colleges Strategic Plan: 2002-2010. 11/02



We Need to Fill 28,000 Jobs Annually

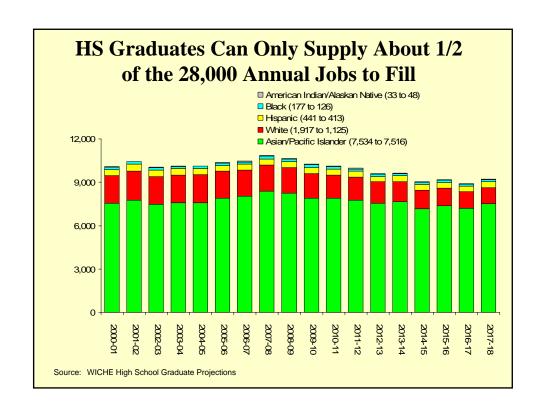
	Avera	Average Annual Openings		
	Due To	Due To		
Occupation Title	Growth	Separations	Total	Percent
Total, All Occupations	11,352	16,914	28,266	100.0%
Food preparation and serving related occupations	1,415	3,146	4,561	16.19
Office and administrative support occupations	764	2,645	3,409	12.19
Sales and 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	6.49
Transportation and material moving occupations	554	1,001	1,555	5.5%
Management occupations	537	891	1,428	5.19
Personal care and service occupations	712	616	1,328	4.79
Healthcare practitioners and technical occupations	779	499	1,278	4.5%
Construction and extraction occupations	481	0	481	1.79
Protective service occupations	529	534	1,063	3.89
Business and financial operations occupations	466	476	942	3.3%
Installation, maintenance, and repair occupations	247	586	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	2.19
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	1.29
Legal occupations	76	69	145	0.5%
Farming, fishing, and forestry occupations	0	0	0	0.0%

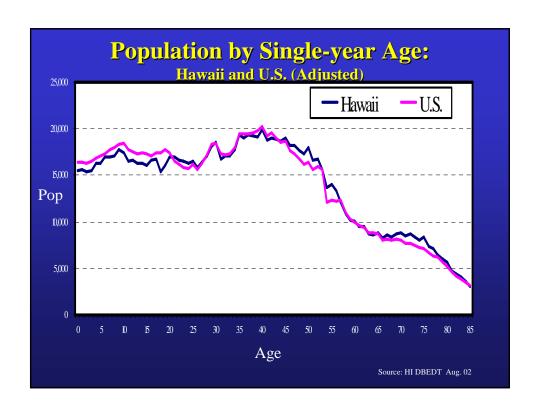
Source: EMSI June 2005

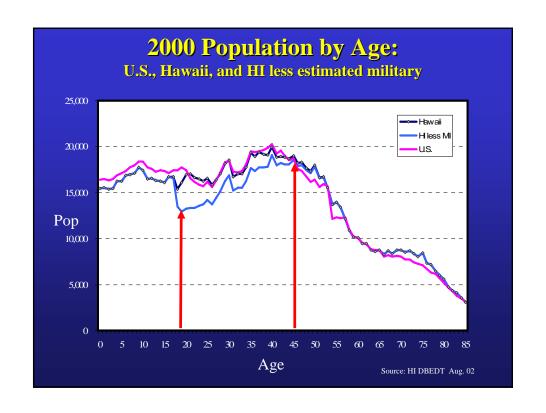
Most Require Education Beyond HS

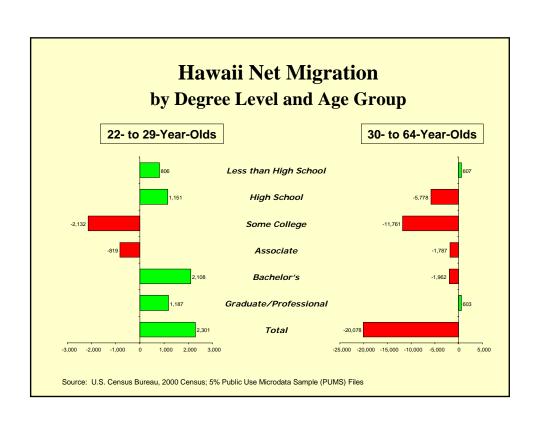
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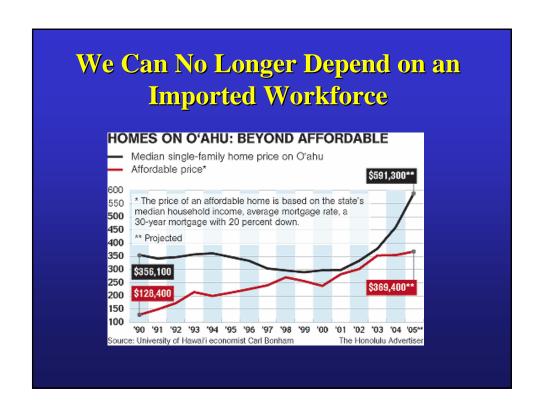
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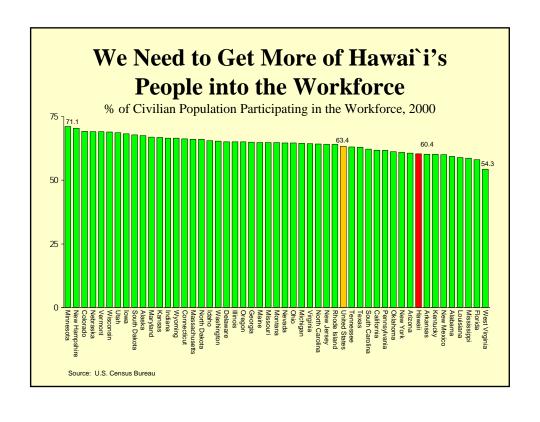


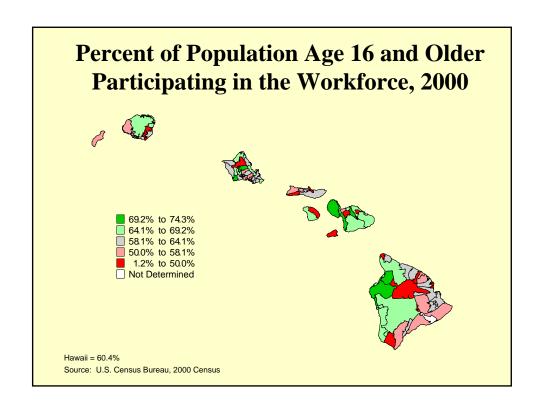












Who is Not Currently in our Workforce?

- More Likely to Be:
 - TANF Clients (Welfare)
 - Youth (16-24)
 - Elderly/Retirees
 - Handicapped
 - Poorly Educated
 - Residing Outside the Urban Core

Do We Have the Education System in Place That Will Allow us to Meet the Changing Workforce Requirements?



Education - How Well Do We Compared With Other States?



Measuring Up 2002 compares states' performance in a number of critical education areas, including:

Preparation for postsecondary education; Participation in postsecondary education; Affordability for the student; and Degree Completion.



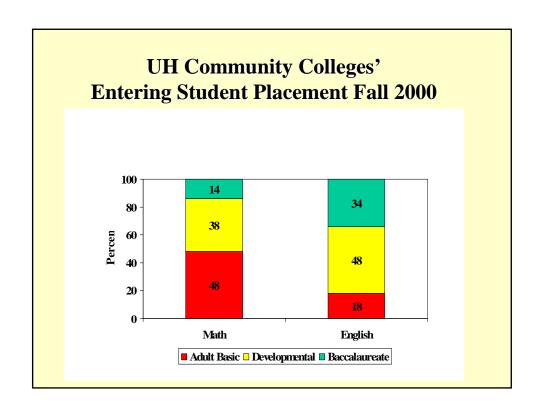
Preparation

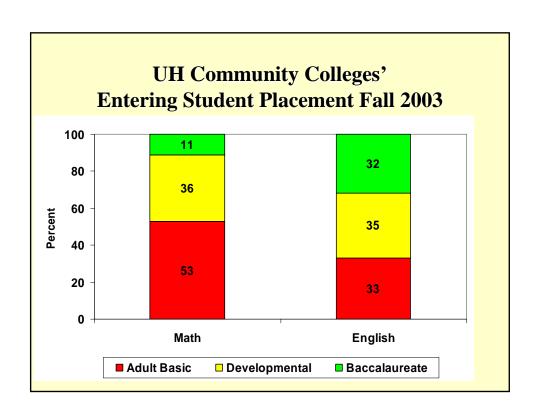
PREPARATION C-			
HIGH SCHOOL COMPLETION (20%) 18- to 24-year-olds with a high school credential	Hawa ii 2 000 93%	Ha waii 2002 92%	Top States 2002 94%
K-12 COURSE TAKING (40%) 9th to 12th gradens taking at least one upper-level math course 9th to 12th gradens taking at least one upper-level science course 8th grade students taking Algebra 12th gradens taking at least one upper-level math course	n/a n/a n/a —	n/a n/a n/a n/a	57% 39% 30% 56%
K-12 STUDENT ACHIEVEMENT (40%) Sthig raders scering at or above "proficient" on the national assessment exam: in math in reading in science in writing	16% 19% - 15%	16% 19% 15% 15%	34% 38% 42% 31%
Low-income 8th graders scoring at or above "proficient" on the national assessment exam in math	7%	8%	21%
Number of scores in the top 20% nationally on SAT/ACT college entrance exam per 1,000 high school graduates	126	135	201
Number of scores that are 3 or higher on an Advanced Placement subject test per 1,000 high school juniors and seriors	106	122	197

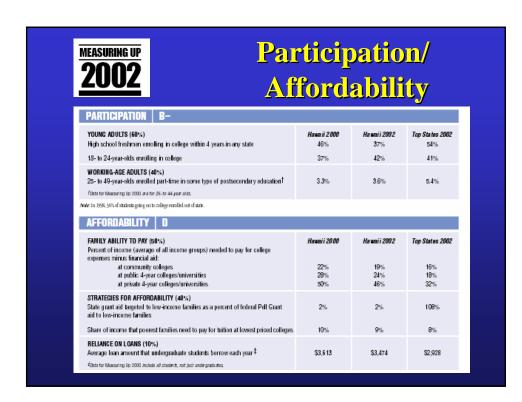


Preparation

- We are close to the top states when we measure rate of HS graduation.
- However, we are far behind when we look at actual student performance in skills critical to success in post-secondary education and the new jobs.
- A significant number of individuals entering the community colleges require academic remediation to be successful









Participation

- Inadequately developed basic skills result in fewer graduates continuing their education directly out of high school.
- However, by providing opportunities for all through the community colleges, we are able to restart many in postsecondary education by age 24.

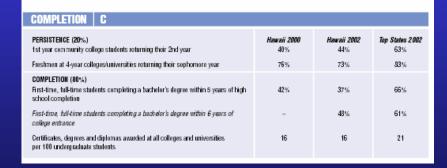


Affordability

- To meet our future workforce requirements, we need to get more individuals into post-secondary education, especially low and moderate income individuals.
- While our low community college tuition places us among the most affordable states, the lack of a targeted state financial aid program ignores the largest costs – foregone income and our high cost of living. This makes it particularly difficult for low and moderate income individuals to continue their education.



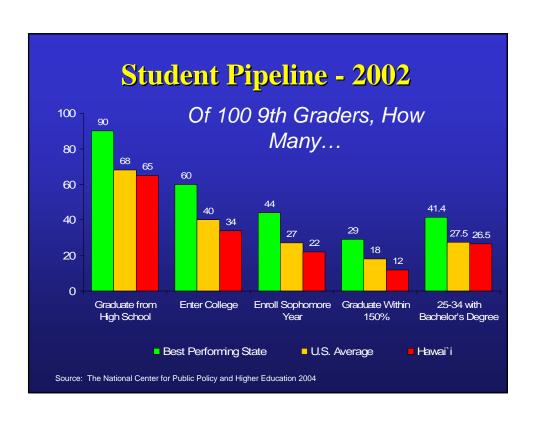
Completion





Completion

- Many new students require significant academic and student services support to overcome previous skill deficiencies (services that have been significantly reduced over the past decade);
- Working adults frequently leave prior to completion because of conflicting responsibilities;
- As a result, we are significantly behind the top states when we look at rates of student persistence and graduation.



Removing the Barriers Involves

Getting more individuals, especially those who are not currently in the workforce, to pursue and successfully complete education and training beyond high school within the state; and

Providing effective remediation to support Underprepared students as they pursue more education and training;

and

Removing the Barriers Involves

 Providing targeted state financial aid to support low and moderate income students' education and training beyond high school;

and

• Providing adequate student support and academic support services at the post-secondary levels to increase student persistence and rates of graduation;

and

Removing the Barriers Involves

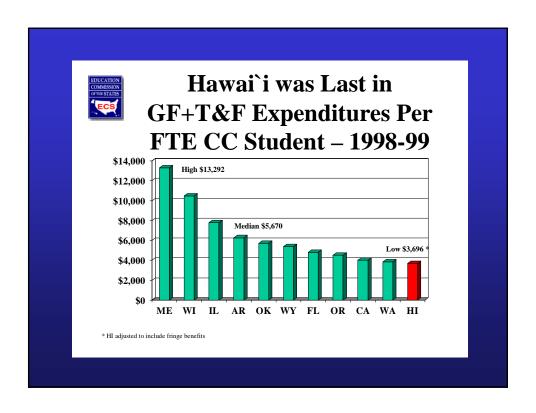
• Expanding enrollment and developing new programs in fields where there are shortages of qualified workers;

and

 Developing customized incumbent worker programs to prepare employed individuals for higher skilled jobs;
 and

Removing the Barriers Involves

 Aggregating sufficient resources to design and deliver the instructional programs and student support services needed to prepare an increasingly complex workforce.



Benefits From Increased Investment in Education

- Increased postsecondary participation rate
- Continued affordable tuition
- Increased student persistence and graduation
- More qualified workers in the State
- Increased employability of graduates
- Increased lifetime earnings for graduates





