Hawai‘i Data eXchange Partnership Update

CCAO/CSSAO Meeting
May 27, 2015

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Hawai‘i P-20 Partnerships for Education

• Statewide partnership led by
  – Executive Office on Early Learning
  – Hawai‘i State Department of Education
  – University of Hawai‘i System
• Working to strengthen the educational pipeline

FOUR STRATEGIC ROLES

State Policy Advocate  Key Communicator and Convener  Best Practices Program Developer  Interagency Data Coordinator
Hawai‘i P-20 Programs

Hawai‘i Data eXchange Partnership (DXP)

POTENTIAL NEW DATA SOURCES:
- Dept of Health
- Dept of Human Services
- GED
- Kamehameha Schools (private K-12)
- Hawai‘i private postsecondaries
- Hawai‘i private self-insured entities
HIDOE-UH Collaborations Using Cross-sector Data

- College and Career Readiness Indicators
- Early College High School
- Math Alignment
  - Math Summits
  - Smarter Balanced Assessment
  - 12th grade bridge course
- Data Use Standards – TECC/HIDOE
- TAACCCT grant – UH to workforce

College and Career Readiness Indicators

- High school feedback report
  - Introduced in 2009 for the Class of 2008
  - Created for each Hawai’i DOE graduating class by school
- Three sections:
  - High School Outcomes
  - College Enrollment
  - High School to College Transition
More of Hawai‘i’s graduates are going to college

College Access Nationwide
By Hawai‘i DOE Graduates, Fall

Where did the Class of 2014 go to college?

TOP 15 INSTITUTIONS ATTENDED
1 LEEWARD COMMUNITY COLLEGE
2 UNIVERSITY OF HAWAI‘I AT MANOA
3 KAPI‘OLANI COMMUNITY COLLEGE
4 HAWAI‘I COMMUNITY COLLEGE
5 HONOLULU COMMUNITY COLLEGE
6 UNIVERSITY OF HAWAI‘I - MAUI COLLEGE
7 UNIVERSITY OF HAWAI‘I AT Hilo
8 UNIVERSITY OF HAWAI‘I AT WEST O‘AHU
9 WINDWARD COMMUNITY COLLEGE
10 KAUAI COMMUNITY COLLEGE
11 HAWAI‘I PACIFIC UNIVERSITY
12 UNIVERSITY OF NEVADA LAS VEGAS
13 CHAMINADE UNIVERSITY OF HONOLULU
14 PACIFIC UNIVERSITY
15 NORTHERN ARIZONA UNIVERSITY

The Class of 2014 attended college in 49 states, Washington D.C., and Puerto Rico
More students earning college credit in high school

**DUAL CREDIT PARTICIPANTS**

- **CLASS OF 2012**: 6% of the Class of 2012, 671 participants
- **CLASS OF 2013**: 723 participants
- **CLASS OF 2014**: 8% of the Class of 2014, 879 participants

Dual Credit includes enrollment at UH as a Running Start, Jump Start, or Early Admit student while in high school.

**Early College Task Force**

- **Members**: UH campuses, HIDOE OCISS, HIDOE high school principals, CTE State director
- **Began meeting in January 2014**
- **Examined various dual credit and accelerated learning options in Hawaii and the US**
- **Developed Accelerated Learning Framework for Hawaii**
- **Drafted legislation to broaden the Running Start program and request for funding support**
Dual Credit Legislation Update

• Amend HRS §304A-803
  – Renames the “Running Start program” to “dual credit program”
  – Broadens participation to include:
    • 9th and 10th grades (previously 11th and 12th grades only)
    • Homeschooled students
  – References to “standardized test” replaced with “assessment”
  – Removes language requiring students to remit tuition and fees

Accelerated Learning Options

Dual Credit Options

- Advanced Placement/International Baccalaureate
- Running Start
- Early College High Schools
- Jump Start (CTE)

AP/IB DEFINITION:
- Offered on high school campus
- Part of school day
- Taught by high school teachers

RS DEFINITION:
- Offered on college campus
- Individual high school juniors/seniors taking any college level courses along with college students

ECHS DEFINITION:
- Offered on high school campus
- Can be part of school day, after school, or summer
- Can be one-off or continuous

JS DEFINITION:
- Offered on college campus
- Individual high school seniors taking college courses towards a CTE program requirement
- Full-time

12th TR CRS DEFINITION:
- Still in development
- Designed for seniors who are not college ready (based on ACT/COMPASS/SBAC) to participate during senior year to prepare for college

Revised 1/7/15
Early College High School (ECHS) Program

• Three year program supported by Harold K.L. Castle Foundation and GEAR UP Hawaii
• 12 high schools on four islands, partnered with 9 UH campuses
  – Goal: increase the number of students with 6+ college credits at graduation
  – Target population: “non-traditional” students

CCRI – Mathematics and English at UH

• High School to College Transition
  – Focus on mathematics and English at UH
    • Alignment of exit/entry knowledge and skills
    • Completion of gateway courses
CCRI – English and Mathematics at UH

**UH MATHEMATICS**

- **College-Level**: Class of 2014: 35%, Class of 2012: 29%
- **Remedial or Developmental**: Class of 2014: 31%, Class of 2012: 36%
- **Not Enrolled in Math**: Class of 2014: 34%, Class of 2012: 35%

**UH ENGLISH**

- **College-Level**: Class of 2014: 50%, Class of 2012: 48%
- **Remedial or Developmental**: Class of 2014: 30%, Class of 2012: 31%
- **Not Enrolled in English**: Class of 2014: 21%, Class of 2012: 21%

**Spotlight: Kea‘au High School**

**UH MATHEMATICS**

- **College-Level**: Class of 2014: 45%, Class of 2011: 26%
- **Remedial or Developmental**: Class of 2014: 33%, Class of 2011: 24%
- **Not Enrolled in Math**: Class of 2014: 41%, Class of 2011: 31%

**UH ENGLISH**

- **College-Level**: Class of 2014: 44%, Class of 2011: 23%
- **Remedial or Developmental**: Class of 2014: 49%, Class of 2011: 30%
- **Not Enrolled in English**: Class of 2014: 23%, Class of 2011: 25%
Spotlight: Kea‘au High School

Class of 2014 graduates who completed college-level math and college-level English before Fall 2014

20% Kea‘au 1.9% Statewide
(18 of 89) (77 of 4,136)

These Keaau graduates completed both math and English at UH Hilo in the summer after graduation

High School to UH Math - Statewide

Percent distribution of UH math course enrollments in first fall after high school graduation, by highest DOE math course taken

<table>
<thead>
<tr>
<th>Highest DOE Math Course</th>
<th>Graduates 2010-2013</th>
<th>UH Math Course Level (horizontal percentages)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Statewide</td>
<td>17,283</td>
<td>College-level: 23.6%</td>
</tr>
<tr>
<td>Calculus/AP Calculus/AP Statistics</td>
<td>1,801 (10%)</td>
<td>56.3%</td>
</tr>
<tr>
<td>Precalculus/Analytic Geometry</td>
<td>3,130 (18%)</td>
<td>41.3%</td>
</tr>
<tr>
<td>Algebra 3/Trigonometry</td>
<td>1,914 (11%)</td>
<td>34.6%</td>
</tr>
<tr>
<td>Probability/Statistics</td>
<td>1,272 (7%)</td>
<td>11.2%</td>
</tr>
<tr>
<td>Algebra 2</td>
<td>5,978 (35%)</td>
<td>13.5%</td>
</tr>
<tr>
<td>Geometry</td>
<td>2,023 (12%)</td>
<td>1.9%</td>
</tr>
<tr>
<td>Algebra 1 or Lower</td>
<td>690 (4%)</td>
<td>2.3%</td>
</tr>
<tr>
<td>Math Data Not Available</td>
<td>475 (3%)</td>
<td>20.4%</td>
</tr>
</tbody>
</table>
UH Math Course Level and 10th Grade HSA

Percent distribution of UH math course enrollments in first fall after high school graduation, by 10th grade HSA proficiency level

<table>
<thead>
<tr>
<th>UH MATH COURSE LEVEL</th>
<th>Graduates 2010-2013 w/10th Gr HSA</th>
<th>10th GRADE HSA MATH PROFICIENCY LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fall 2010 - Fall 2013</td>
<td>4 Exceeds Proficiency</td>
</tr>
<tr>
<td>Statewide</td>
<td>16,189</td>
<td>16.0%</td>
</tr>
<tr>
<td>College-level</td>
<td>3,841 (24%)</td>
<td>36.9%</td>
</tr>
<tr>
<td>Developmental</td>
<td>3,244 (20%)</td>
<td>5.1%</td>
</tr>
<tr>
<td>Remedial</td>
<td>2,391 (15%)</td>
<td>0.4%</td>
</tr>
<tr>
<td>Other or Technical</td>
<td>840 (5%)</td>
<td>12.4%</td>
</tr>
<tr>
<td>No Enrollment</td>
<td>5,873 (36%)</td>
<td>15.2%</td>
</tr>
</tbody>
</table>

Math Alignment

Smarter Balanced placement pilot
- Mathematics and English placement based on:
  - 11th grade SB score, high school course grade
  - DOE graduating classes of 2016, 2017, 2018

12th grade “bridge” math course
- Introduction to College Math
- Pilot at 4 DOE high schools starting SY1516
- Professional development for HIDOE teachers in summer 2015
SLDS Data Use Standards

What are the critical knowledge and skills needed by teachers and administrators to use data effectively?
- Foundation for data literacy and data use training for pre- and in-service teachers and administrations


Teacher Education Coordinating Committee (TECC)

- SLDS data use standards presented to TECC
- Follow-up in SY1516
  - Mapping standards to programs
  - Identify gaps in pre-service training and in-service professional development
Trade Adjustment Assistance Community College and Career Training Grants

• Four rounds of grants
• All require participants’ workforce outcomes
• UH match to Unemployment Insurance (UI) Division records
• Round 1 – HON contacting those not found in UI records
• Possible reasons not found in Hawaii UI records:
  – Self-employed, federal employment, bad or not reported SSN, working in another state, not working

How can Hawai‘i DXP assist UH?

Hawai‘i P-20 is committed to facilitating cross-sector collaborations informed by Hawai‘i DXP data

• What information does UH need on an annual basis regarding:
  – HIDOE graduates
  – Incoming UH students
  – UH graduates
  – UH “stop-outs”
Thank You

QUESTIONS?

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