Florida’s Education Pipeline: An Overview

Jeff Sellers
Division of Accountability, Research, and Measurement
Florida Department of Education
Florida’s Primary K-20 Data Resources

Source Information Systems
- Assessment & School Performance
- PK-12 Student & Staff
- Comm Coll Tech Center Student/Staff

Division of Accountability Research & Measurement

Integrated Data Systems
- PK-20 Education Data Warehouse
- FETPIP

Data collected from testing vendors, school districts, community colleges

Data collected from source systems, agency administrative data bases

Additional roles include: Department-wide conduit for LMS, LED, Census, BEBR publications
PK-20 Education Data Warehouse (EDW): A Complex Data Integration Process

EDW Central Repository (1995 forward)

- PK-12 data
- Technical Center data
- Community College data
- State University data

Pre-defined Reports/Queries
Data Marts
Research Extracts
Types of Data in Florida’s PK-20 Education Data Warehouse

- **Student** – demographic, enrollment, educational programs, promotion, attendance, test scores, other characteristics

- **Educational Institution** – types, location, facilities, graduation rates

- **Financial Aid** – state/local, loans/grants, disbursement

- **Courses** – offerings, student and teacher participation, instruction type

- **Educational Awards** – type, program, institution

- **Educational Finance** – budget, expenditures
Florida Education and Training Placement Information Program – FETPIP

- Integrated interagency data collection & reporting system for many state agencies administered by the Department of Education

- Integrates many administrative data resources of state and federal agencies

- Operates on the principal of “quid pro quo”

- Developed to follow-up all participants and students from Florida’s education and training programs at all levels

- Helps to answer the question: What happens to students after they leave programs?
FETPIP: Examples of Data Describing Student Outcomes

- Military Enlistments
- Florida Employment & Unemployment
- Florida Postsecondary Enrollment
- Out-of-State Postsecondary Enrollment
- Incarceration
- Public Assistance
- Federal Employment
- Occupational Licensure

Student - Participant
Cooperating Agencies

Federal Agencies:
- Postal Service
- Dept. of Defense
- Office of Personnel Management
- U.S. Census

Other Organizations:
- National Student Clearinghouse

State Agencies:
- Education
- Workforce Innovation
- Children & Families
- Business & Professional Regulation
- Corrections
MAJOR USES

- Strategic Planning
- Community College Performance Budgeting & Accountability
- School District Accountability
- Federal Vocational Reporting
- University System Program Reviews
- Corrections Performance Based Funding
- R.O.I. & OPPAGA reviews
- Career Counseling and Guidance Information
Curriculum Alignment

• K-12
  – Common Course Definitions
  – Course Standards
  – Assessments
  – Teacher Certification

• Postsecondary
  – Transferable from institution to institution
  – Associate in Arts qualifies for upper division
Example “Data Story”
Sixteen out of one hundred 1995-96 8th grade students graduated with a Florida postsecondary credential within six years of their entrance into postsecondary.

Source: K20 Education Data Warehouse
# 8th Grade Cohort

<table>
<thead>
<tr>
<th>On Track</th>
<th>Withdraw Undetermined</th>
<th>Withdrew Positive*</th>
<th>Not Reported</th>
<th>Retained</th>
<th>No Longer in Cohort</th>
</tr>
</thead>
<tbody>
<tr>
<td>8th Grade 1995-1996</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9th Grade 1996-1997</td>
<td>89%</td>
<td>1%</td>
<td>7%</td>
<td>Less than 1%</td>
<td>3%</td>
</tr>
<tr>
<td>10th Grade 1997-1998</td>
<td>71%</td>
<td>2%</td>
<td>5%</td>
<td>1%</td>
<td>9%</td>
</tr>
<tr>
<td>11th Grade 1998-1999</td>
<td>59%</td>
<td>1%</td>
<td>3%</td>
<td>1%</td>
<td>6%</td>
</tr>
<tr>
<td>12th Grade Completers 1999-2000</td>
<td>51%</td>
<td>1%</td>
<td>2%</td>
<td>1%</td>
<td>4%</td>
</tr>
<tr>
<td>13th Year 2000-2001</td>
<td>27%</td>
<td>27%</td>
<td></td>
<td></td>
<td>46%</td>
</tr>
<tr>
<td>14th Year 2001-2002</td>
<td>27%</td>
<td></td>
<td></td>
<td></td>
<td>44%</td>
</tr>
<tr>
<td>18th Year Completers 2005-2006</td>
<td>16%</td>
<td></td>
<td></td>
<td>Graduated with a Florida Postsecondary Credential</td>
<td></td>
</tr>
</tbody>
</table>

* Does not capture students who are homeschooled, attend private school, or moved out of state.

Source: K20 Education Data Warehouse & FETPIP
Elementary School Student Enrollment 1995 - 2005 by Race/Ethnicity

- Black
- Hispanic
- Other
- ALL MINORITY
- White
First Time Enrollment in Community College: Percent by Race/Ethnicity

- Black
- Hispanic
- Other
- ALL MINORITY
- White


Percentage range: 0% to 100%
AS recipients: Percent of Total by Race by Year

- Black
- Hispanic
- Other
- ALL MINORITY
- White


Percentage Range: 0% to 100%
BA recipients: Percent of Total by Race by Year
Post BA recipients: Percent of Total by Race by Year

- Black
- Hispanic
- Other
- ALL MINORITY
- White
Florida 1995-96 High School Graduates
Highest Educational Credential Attainment as of 2005

- Standard Diploma: 70%
- BA: 16%
- AA: 7%
- Col Credit Voc: 2%
- VOC: 2%
- Post BA: 3%

89,419 Standard Diplomas
(15,973 Never Enrolled)

Source: K20 Education Data Warehouse
High School Graduates, Class of 1996 by Major Race Category

Highest Educational Credential Attainment as of 2004-05

Legend:
- Red: Std. Diploma
- Green: PSAV
- Blue: College Credit
- Yellow: AA
- Pink: BA
- Cyan: PostBA

Source: PK-20 Education Data Warehouse
Florida Public High School Class of 1996
Annualized Earnings Based on Highest Education Credential
Attained Through 2005

- Dropouts: $20,136
- Standard High School Diploma: $26,252
- Postsecondary Adult Vocational: $31,604
- College Credit Vocational: $37,384
- AA Degree: $30,028
- Bachelors: $37,716
- PostBA: $46,380

Source: Florida Education and Training Placement Information Program (FETPIP)
Florida
100 Fastest Growing Occupations by Minimum Educational Requirements
2014

Source: Agency for Workforce Innovation, Labor Market Statistics