Uses of LED with Other Data in K-20 Education Accountability & Planning:
A Florida Perspective

Local Employment Dynamics

Census/State Partner Annual Workshop

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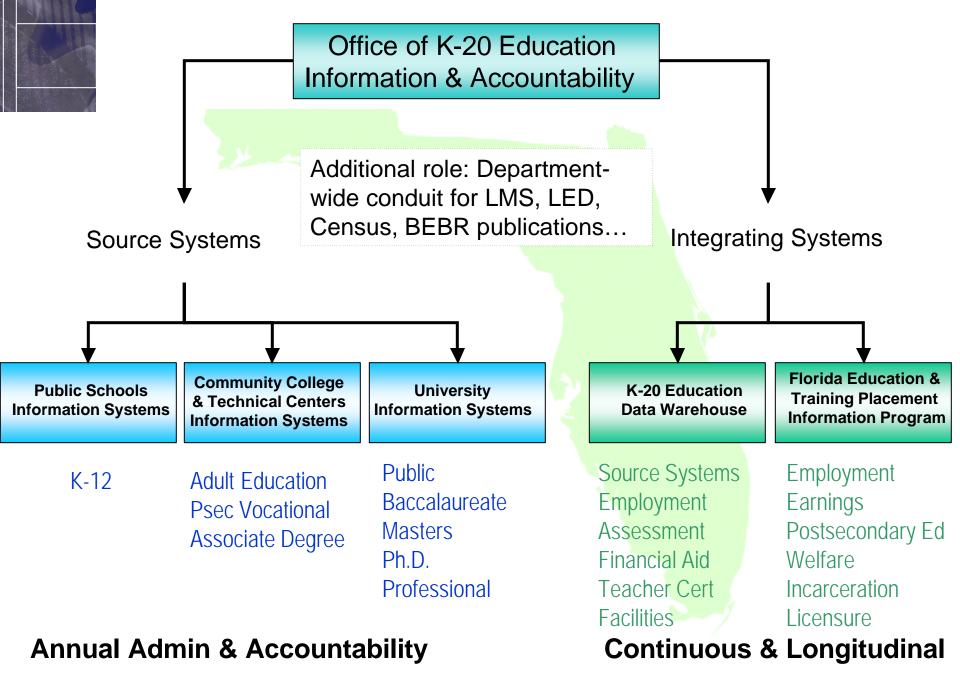
Education Data Resources in Florida

Underpinnings for a Unified "K-20" View

- **State-level unit record data systems for public schools, community colleges, vocational ed., adult ed, universities**
  - State funded
  - Separate Organizations w/distinct underpinnings
  - History of shared data, recurring and ad hoc
  - Similar, but uncoordinated missions, content, standards, procedures
  - Duplicative functions and services
- **Data linkages with WIA, TANF, Corrections**
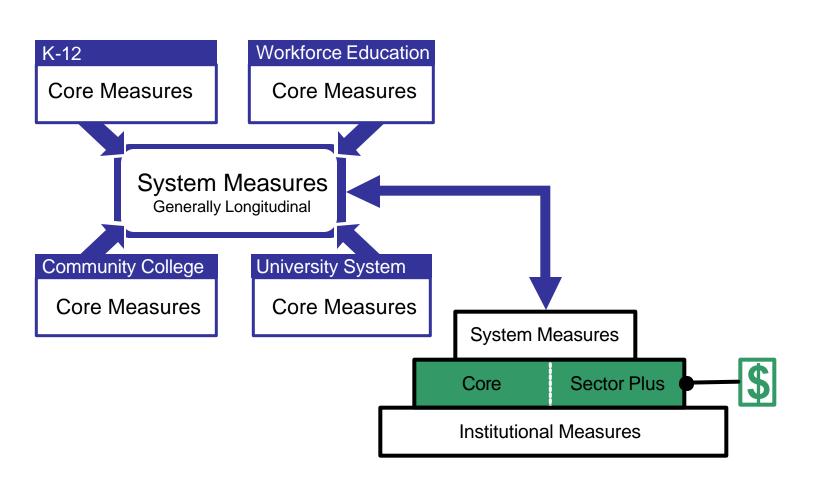 - History of collaboration on performance measurement

Underpinnings for a Unified "K-20" View

- **Federal, State, and other expectations for accountability, performance funding**
  - 125 state appropriations-related accountability measures
  - 92 state special purpose accountability measures including FRAG
  - continuing legislative expectations related to employment outcomes at all levels
  - WIA, Perkins, HEA. NCLB
  - accreditation expectations
  - Occupational licensure

Office of K-20 Education Information & Accountability

Additional role: Department-wide conduit for LMS, LED, Census, BEBR publications…

Source Systems

Integrating Systems

Public Schools Information Systems	Community College & Technical Centers Information Systems	University Information Systems	K-20 Education Data Warehouse	Florida Education & Training Placement Information Program
K-12	Adult Education Psec Vocational Associate Degree	Public Baccalaureate Masters Ph.D. Professional	Source Systems Employment Assessment Financial Aid Teacher Cert Facilities	Employment Earnings Postsecondary Ed Welfare Incarceration Licensure

Annual Admin & Accountability

Continuous & Longitudinal

K-20 Accountability

Performance Measures & Contextual Information

System and Core Measures: Indicators of

- Student Learning Gains at Key Educational milestones
- Access
- Articulation and Progress
- Employment Outcomes
- Return-on-Investment

K-20 Education System

Core, and Contextual Measures: Employment Outcomes

System Measure: Florida earnings levels measured based on the highest level of credential achievement for ten year cohorts of high school graduates.

Core Measure: For every student who completes a defined educational program and does not enroll in another public educational program in Florida following completion, the student's employment and earnings status will be measured.

Earnings levels indexed to starting and average earnings thresholds for targeted occupations established by the Workforce Estimating Conference and which are appropriate to each sector.

Contextual Information: Core products of the State LMS program including employment, unemployment data. LED information on acquisitions, losses in key industries, age cohorts of acquisitions, earnings for new entrants.

Florida's Consensus Estimating Conferences

- Objective: To achieve consensus among key branches of government on crucial issues that involve funding -
  - Revenue, K-12 FTE projections, Social Service demands, high wage/high skill jobs.

- Section 216.136 creates a new, expanded process called the Workforce Estimating Conference.

Workforce Estimating Conference

- Short and long-term forecasts of employment demand with average & entry wages…

- Supply/potential supply of trained workers for occupations...

- Special focus on high skill jobs with high entry and average wages…

- Focus on statewide demand but includes locally-generated data to derive trends that should be considered at the state level.

Workforce Estimating Conference continued

- **The purpose is to derive state and local lists of targeted occupations...**
  - Targeted Occupations - Public and Independent Workforce Programs- Occupations requiring postsecondary education short of a bachelor's degree
    - Relies on state labor market information including occupational projections, wage survey results; FETPIP; local employer contact, other forms of local intelligence funneled through local boards.
  - Targeted Occupations – Public and Independent University Systems
    - Makes use of state labor market information; FETPIP; Sponsored Research Unit and Research Partnerships
    - Identifies targeted industries using FETPIP, LED; targets of the Fl. Council of 100, Fl. High Technology Council, Enterprise Florida.

Uses of WEC Results

- Targeting for training vouchers…
- Targeting critical jobs for special initiatives in education, training, and economic development...
- Performance based funding for voc-tech centers and community colleges…
- Incentive funding for postsecondary education…
- Financial Aid targets, tuition breaks, university contracts
- Consumer information...

K-20 Education Strategic Planning

Eight Strategic Imperatives

1. **Increasing the supply of highly qualified k-12 instructors**
2. Applying existing academic standards consistently
3. Increasing rates of learning and completion at all levels, especially in high school, and raising the proportion of K-12 graduates, particularly low income and minority students who enter postsecondary education without remediation.
4. Improving the quality of school leadership at all levels.
5. Setting and aligning academic standards for every level of the K-20 education system.
6. **Appropriately aligning the workforce's education with the skill requirements of the new economy.**
7. Aligning financial resources with performance expectations at each level of the K-20 education system.
8. Achieving world-class, nationally-recognized institutions of higher learning by improving access, funding, performance, and accountability

K-20 Education Strategic Planning continued

Issues:

- K-12 Population grows at a rate of 75,000 students per year, increasing the demand for teachers.
- Constitutional amendments for universal preK increases the demand for teachers
- Constitutional amendment limiting class size increases the demand for teachers
- High initial turnover among teachers increases the demand (among <30, 24% in 3 years)
- Age bubble of long term teachers at or nearing retirement (36% >50) increases demand
- Declining proportion of university output in teaching professions reduces supply
- Declining proportion of minority teachers with an increasing proportion of minority students adds a dimension
- NCLB requirements regarding teacher quality creates "pockets" of special demand

Data Resources:

- Recruitment data bases
- Staff data bases (K-12)
- Student data bases (DCC, SUS, ICUF)
- Enrollment projections
- FETPIP
- LED

Strategic Projects

- Recruitment
- Initial Preparation, Certification, & Hiring
- Induction & Professional Development
- Retention, including post-retirement incentives

> *Continuous monitoring and reporting of results*