K-20W Intersegmental Data Collaborative

Patrick Perry, CCC

Chris Furgiuele, UCOP

Phil Garcia, CSUOC

In our last episode….

CA Ed Data Landscape

- Campuses/Districts feed to Segment Offices (CCC, CSU, UC)
- CDE: Calpads
- CPEC
- Calpass
- Other Sources: CSAC, NSC, EDD

SB1298 (Simitian)

- Called for:
  - HE to begin collecting K-12 SSID
  - K-20 Data Governance Task Force
    - Create/assign a new entity to house K-20 data; or
    - Create a Joint Powers Authority (JPA) between agencies to manage data

Subsequently…

- No funding=no activity
- Segments began pursuing project independently
  - UC, CSU, CCC, CPEC
  - CDE and EDD
- Put JPA on backburner, but pursued Interagency Agreement (IA)

Interagency Agreement

- Signed by 6 parties
- Outlines data sharing environment between segments
  - Usages, security
- Provides for election by segments to store data in a single location

CPEC

- Governor "blue pencils" CPEC budget in current year budget cycle (eliminates agency)
- Data given back to segments; not being updated

SB885 (Simitian)

- Expresses legislative intent to build a P-20 data system

- Would authorize entering into a JPA by segments to accomplish this (implement SB1298 recommendations)

SB885-Outcome

To the Members of the California State Senate:

I am returning Senate Bill 885 without my signature. This bill is unnecessary because the majority of the entities impacted by this measure have already established an interagency agreement.

Should these entities choose to form a joint powers agreement in the future, they do not need additional statutory authority to do so. Whether they should or not given the current fiscal constraints -- I have my doubts.

Sincerely, Edmund G. Brown Jr.

What We Did in 2011-12

- The segments contacted WestEd
  - WestEd acted as convener of all meetings under Western Regional Labs funding source; no charge to segments
  - WestEd documented all meetings and gave us rough drafts of the work we did
- AICCU requested to observe process
  - No data system yet, but keeping a watch on progress

Proposed Physical Structure

- "Federated" model (patterned after VA system)
  - Each segment would provide its own hardware/server loaded with its own segmental data, secured by each segment
  - VPN would be created to allow each segments servers to interface
  - Segments control the "on/off" switches

Proposed Uses/Needs

- Layer 1: Currently Required Work/Mandated Items that require cross segmental data

- Layer 2: Publicly Accessible Data (CPEC)

- Layer 3: Aspirational Needs

Layer 1: Mandated Things

- SB 1298 Compliance (Higher ed must capture K-12 IDs)
- Perkins legislation/Community College Accountability (budget act)
- Federal /CSAC gainful employment report
- CSU disenrolled students report (budget requirement)
- CDE college-going report*
- Annual Accounting of transfer #s/Rates (budget requirement)**

Layer 1: Mandated Things

- UC College-Going rates for outreach programs
- CDE to CCC testing information for placement
- School fiscal stabilization funds (SFSF) P-20 Data system(info on remedial courses required)
- UC transfer and articulation requirements
- CA subject matter programs, STEM
- Entry writing requirements
- Eligibility Study (UC/CSU)
- IPEDS student right to know
- CPEC school/college codes for crosswalks

Layer 2: Publicly Available Information

- Headcount/demography
- Completions, by segment and by CIP code
- College-going rates, by district
- Transfer numbers (two-year to four-year)
- Fees/funding reports
- Future Enrollment Projections
- Capacity study (programs/facilities)

Layer 3: Aspirational Uses

- School feedback reports (where do students go/come from):
    - To K-12
    - To Community Colleges/CSU
- Improve assessment and placement
- Evaluate academic preparation
- Provide information to parents and students
- SARC – A to G requirements measures
- Postsecondary report cards

Layer 3: Aspirational Uses

- Curricular alignment (CalPass, ASSIST, Credit Transfer, stat-finder)

- Wage Outcomes by campus and by program

- Develop a consistent method to match K-12 to wage data
  - What to do about non-high school graduates?

- Transfer – understanding student populations

- Outreach programs

Data Element Dictionary

- The group spent roughly 6 months creating a common DED

- Some mapping to CEDS occurred (but CEDS was not the basis or primary data map)

Wage
- fname, lname
- SSN
- q-Wage $
- Industry code
- emp_address
- state_code
- county_code
- UI_emp_ID

Assessment
- instrument_id
- score
- date of test

Awards
- SSN
- SSID
- award_type
- CIP_code
- term_award
- matric_date
- institution_id

Save

Student term
~~Comment to all~~
- SSN
- SSID
- Term_id
- institution_id
- DOB
- Gender
- Ethnicity
- FName
- LName

1

FinAid
- SSN
- term_id
- award_type
- award_amt

application

Enr_Summary
- SSN
- SSID
- T_id
- inst_id
- Σ units-att
- Σ units-earned

Xfer_Summary
- SSN
- SSID
- T_id
- Ins_id
- units xferred

W

Tables

- Student
- Enrollments (combo course/section/session)
- Awards
- Assessment
- Fin Aid

Tables

- Wage
- Transfer (NSC)
- s_id crosswalk (SSN to SSID)

Data

- Some standardization of common elements
  - Term_id
  - College_id
  - Ethnicity/race
  - Award_type

Current Status

- DED Document being formally written and documented

- Systems assessing their resources for pilot implementation

- No commitment yet made; cost/benefit?

- Proof of concept?

- Segmental cooperation currently strong, but this is still a big step