

## MONTANA

### Montana University System

- Governing board
- Data collected from 2-year public and 4-year public institutions in the system
- Financial aid entity
- The Montana Office of Public Instruction has received 1 NCES Statewide Longitudinal Data Systems grant (FY09), totaling over \$5.7 million.

#### BACKGROUND INFORMATION

SUR NAME **Montana University System Data Warehouse**

Year SUR Established **2001**

Last period of upgrade/modification **Since 2000**

Start up funds received **n/a**

Recurring funds received **yes**

#### Reasons SUR was Established

- legislative compliance
- institutional resource allocation/funding formula
- tracking student retention/graduation
- tracking students across institutions

#### Legal Authority to Collect Data

- state law creating coordinating or governing board
- administrative regulations/rules issued to interpret state law(s)
- coordinating or governing board policy interpreting state law(s)

#### INSTITUTIONAL COVERAGE, TYPES OF DATA, AND METADATA

##### Institutional Coverage

- 2-year public (*plans to collect from additional 2-year public institutions*)
- 4-year public

##### IPEDS Roles

###### Verification

- keyholder

###### Reporting

- coordinator
- keyholder

Participation in IPEDS Surveys not applicable

##### Types of Data Collected

- K-12 academic history (*high school, admissions test scores*)
- postsecondary academic history (*placement test scores, transfer*)
- demographic
- postsecondary enrollment
- course-level information
- financial aid
- completions
- non-credit instructional activity (*pre-college courses [remedial, developmental], continuing education courses*)
- labor/workforce/Unemployment Insurance

##### Authority to Change Data Elements/Definitions

- agency/entity staff

#### Internal Primary Key(s) to Build Longitudinal Records

- Social Security Number (*no plans to discontinue use as internal primary key*)
- statewide student identifier

#### Metadata

##### business procedures

- data element dictionary
- data submission/reporting procedure

##### technical procedures

- data validation/data checking procedure
- statistical mechanisms used to alert institutional user of successful or unsuccessful data validation

#### USES OF SUR DATA

##### Current Uses and Purposes

- decision-/policymaking
- generating reports and statistics (internal and external)
- research
- cross-sector collaboration (K-12, labor, etc.)

##### Types of Reports

- economic impact/jobs
- enrollment
- high school feedback ([sample](#))
- performance measures
- workforce attainment gain ([sample](#))

##### Audiences Receiving Some or All Reports

governor's office, legislature, coordinating or governing board, federal agencies

#### LINKING ARRANGEMENTS WITH AGENCIES, STATES, AND ORGANIZATIONS

State P-20 Data Warehouse no

##### Links to State Agencies/Entities

- labor/workforce

Access to labor/workforce agency elements *yes*

Links to Other States no

##### Links to External Organizations

- National Student Clearinghouse

##### Primary IDs Used in Matching

- Social Security Number

Demographic Elements Used in Matching no

##### Legal Mechanisms Enabling Linking

- memorandum of agreement/understanding



**Barriers to Linking**

- resources
- lack of common identifiers/crosswalks
- data quality concerns

**MECHANISMS TO ENSURE DATA QUALITY**

**Responsibility for Entering Data**

- appropriate institutional/campus personnel

**Responsibility for Checking/Verifying Data**

- appropriate institutional/campus personnel

**Method of Informing IR Personnel of Data Submission**

**Inconsistencies**

- manual notification (e.g., email, phone call from agency/entity)
- automated notification (e.g., web-based, program-based method)

**On-site Institutional Data Audits** no

**Professional Development for IR Professionals** no

**DATA ELEMENTS COLLECTED****Postsecondary Elements (36)***demographic*

- ✓ - student name
- ✓ - date of birth
- ✓ - gender
- ✓ - race/ethnicity
- ✓ - Social Security Number
- ✓ - K-12 identification number
- ✓ - Institutional identification number
- ✓ - student identification number
- ✓ - citizenship
- ✓ - state residency status

*postsecondary academic history*

- ✓ - admissions scores
- ✓ - placement scores
- ✓ - prior college(s) attended
- ✓ - transfer credits

*enrollment status*

- ✓ - degree seeking status
- ✓ - attendance status (full-/part-time)
- ✓ - 1<sup>st</sup> term of academic history
- ✓ - program/major

*financial aid*

- ✓ - dependency status
- family income
- ✓ - federal financial aid
- ✓ - state financial aid
- ✓ - institutional financial aid
- ✓ - other financial aid
- ✓ - merit-based financial aid
- ✓ - need-based financial aid
- FAFSA fields

*academic activity*

- ✓ - course title
- ✓ - course mode of instruction
- ✓ - course grade
- ✓ - term student credit hours (SCH) attempted
- ✓ - term SCH earned

*academic attainment*

- ✓ - degree awarded
- ✓ - degree date
- ✓ - cumulative SCH earned
- ✓ - cumulative GPA

**K-12 Elements (13)***demographic*

- student free and reduced-price lunch eligibility
- language spoken at home
- disability status

*high school background*

- ✓ - high school attended
- district/school code
- student resident county-district code

*academic activity*

- date student enrolled
- course type
- course title
- course grade

*academic attainment*

- ✓ - high school GPA
- ✓ - high school graduation date
- assessment scores

**Labor/Workforce Elements (15)**

- ✓ - employer ID number
- ✓ - employer size (# of employees monthly)
- ✓ - employer county
- ✓ - wages earned
- wage type code
- hours worked
- ✓ - employment quarter code
- ✓ - employment year
- date student/employee applied for Unemployment Insurance (UI)
- date student first received UI check
- other agencies providing services to student while student is receiving UI
- ✓ - U.S. Census North American Industry Classification System (NAICS) code
- U.S. Census NAICS title
- U.S. Department of Labor Standard Occupational Classification (SOC) code
- U.S. Department of Labor SOC title