

MISSOURI

Missouri Department of Higher Education

- Coordinating board
- Data collected from 2-year public, 4-year public, and proprietary (private, for-profit) institutions in the state
- Financial aid entity
- The Missouri Department of Elementary and Secondary Education has received 1 NCES Statewide Longitudinal Data Systems grant (FY09), totaling over \$8.9 million.

BACKGROUND INFORMATION

SUR NAME **Enhanced Missouri Student Achievement Study (EMSAS)**

Year SUR Established **1988**

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

Start up funds received **no**

Recurring funds received **no**

Reasons SUR was Established

- legislative compliance
- increasing student achievement
- tracking student retention/graduation
- tracking students across institutions

Legal Authority to Collect Data

- state law creating coordinating or governing board
- state law requiring the collection of SUR data
- administrative regulations/rules issued to interpret state law(s)

INSTITUTIONAL COVERAGE, TYPES OF DATA, AND METADATA

Institutional Coverage

- 2-year public
- 4-year public
- *Plans to collect from independent institutions*
- proprietary (private, for-profit)

IPEDS Roles

Verification

- coordinator

Reporting

- coordinator

Participation in IPEDS Surveys

- Institutional Characteristics (IC)
- 12-month Enrollment (E12)
- Completions (C)
- Human Resources (Employees by Assigned Position (EAP), Fall Staff (S), and Salaries (SA))
- Fall Enrollment (EF)
- Graduation Rate (GRS)
- Finance (F)
- Student Financial Aid (SFA)

Types of Data Collected

- K-12 academic history (*high school, admissions test scores*)
- postsecondary academic history (*placement test scores, transfer*)
- demographic
- postsecondary enrollment
- financial aid
- completions
- non-credit instructional activity (*pre-college courses [remedial, developmental]*)
- 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*)

Metadata

business procedures

- data element dictionary
- data submission/reporting procedure

technical procedures

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

USES OF SUR DATA

Current Uses and Purposes

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

Types of Reports

- completions
- distance education
- economic impact/jobs
- enrollment
- financial aid ([sample](#))
- high school feedback ([sample](#))
- institutional profile, public
- mobility/migration
- non-credit instructional activity
- performance measures
- remediation
- retention
- student learning
- transfer

Audiences Receiving Some or All Reports

governor's office, legislature, coordinating or governing board, K-12 (agency, districts, and/or schools), other state agencies, federal agencies, general public, other audience (Midwest Higher Education Compact, National Center for Higher Education Management, State Higher Education Executive Officers)

LINKING ARRANGEMENTS WITH AGENCIES, STATES, AND ORGANIZATIONS

State P-20 Data Warehouse no

Links to State Agencies/Entities

- state education agency (K-12)

Access to K-12 agency elements yes

- labor/workforce

Access to labor/workforce agency elements yes

Links to Other States no

Links to External Organizations no

Primary IDs Used in Matching

- Social Security Number

Demographic Elements Used in Matching

- name
- date of birth
- gender
- race/ethnicity

Legal Mechanisms Enabling Linking

- memorandum of agreement/understanding

Performance Measures Requiring Linking yes

(college attendance rates of the state's 9th grade cohort [in progress])

Barriers to Linking

- resources
- coordination with other state authorities/administrators

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)

On-site Institutional Data Audits not applicable

Professional Development for IR Professionals yes

Mandatory? no

Frequency annually

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)
- ✓ - 1st 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