

NORTH DAKOTA

North Dakota University System

- Governing board
- Data collected from 2-year public and 4-year public institutions in the system
- The North Dakota Department of Public Instruction has received 1 NCES Statewide Longitudinal Data Systems grant (FY09), totaling over \$6.7 million.

BACKGROUND INFORMATION

SUR NAME **Connect ND (North Dakota)**

Year SUR Established **2003**

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

Start up funds received **yes**

Recurring funds received **yes**

Reasons SUR was Established

- legislative compliance
- audit compliance
- awarding financial aid
- IPEDS reporting
- increasing student achievement
- other reason (*modernize legacy system; finance and human resources are now shared with the state mechanisms, instead of being separate for each agency*)

Legal Authority to Collect Data

- state law creating coordinating or governing board

INSTITUTIONAL COVERAGE, TYPES OF DATA, AND METADATA

Institutional Coverage

- 2-year public
- 4-year public

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
- course-level information
- finance (*tuition, fees, fiscal management*)
- financial aid
- completions
- non-credit instructional activity (*pre-college courses [remedial, developmental], continuing education courses*)
- academic program inventory
- faculty/staff
- institutional characteristics
- facilities/capital projects
- Adult Basic Education (*GED, Adult Basic Education, English as a Second Language*)
- labor/workforce/Unemployment Insurance

Authority to Change Data Elements/Definitions

- agency/entity staff
- group that includes appropriate institutional/campus personnel
- other agency/entity (*State of North Dakota finance agency*)

Internal Primary Key(s) to Build Longitudinal Records

- internally generated student identifier

Metadata

business procedures

- data element dictionary
- data submission/reporting procedure
- data certification forms

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.)
- other purpose (*accountability compliance and audit compliance*)

Types of Reports

- articulation
- completions
- distance education
- dual credit/dual enrollment
- economic impact/jobs
- enrollment
- facilities utilization
- financial aid
- high school feedback
- institutional finance
- institutional profile, public
- mobility/migration
- non-credit instructional activity
- performance measures
- remediation
- retention
- student learning
- transfer
- tuition/fees/college costs
- other report(s)
 - resident/non-resident*
 - international enrollment (Canada)*

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

LINKING ARRANGEMENTS WITH AGENCIES, STATES, AND ORGANIZATIONS

State P-20 Data Warehouse no

Links to State Agencies/Entities

- state education agency (K-12)(*expansion in progress*)
 - Access to K-12 agency elements** no
- labor/workforce
 - Access to labor/workforce agency elements** no
- State Bank of North Dakota

Links to Other States no

Links to External Organizations

- Midwest Higher Education Compact
- Western Interstate Commission for Higher Education

Primary IDs Used in Matching

- Social Security Number
- K-12 ID
- Other ID (*North Dakota University System ID*)

Demographic Elements Used in Matching

- name
- date of birth
- address

Legal Mechanisms Enabling Linking

- legislative mandate
- memorandum of agreement/understanding

Barriers to Linking

- resources
- lack of common identifiers/crosswalks
- incompatible systems
- data quality concerns
- FERPA concerns
- lack of interest from other agencies

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 yes
Mandatory? no

Frequency annually and as needed

DATA ELEMENTS COLLECTED

The North Dakota University System was unable to participate in the detailed data element phase of data collection; therefore the number of data elements in its SUR system is artificially low.

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