RENEWAL AND ACCELERATION

with Data

SLDS 2019 Grant Provider Stakeholder Feedback

SLDS 2019 – What is it?

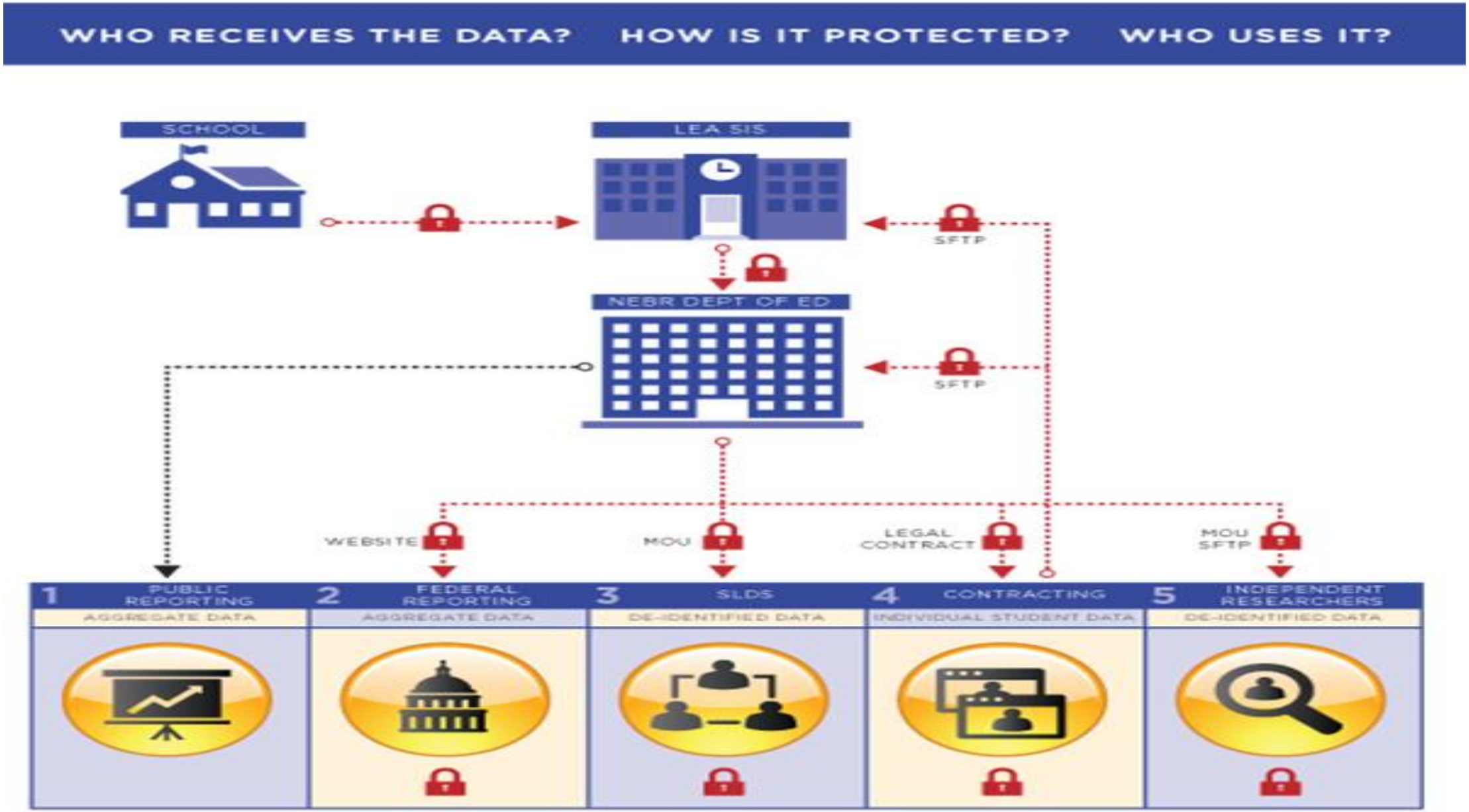
Statewide Longitudinal Data Systems Grant Program

Longitudinal data (or *panel* data) involve repeated observations of the same things at different points in time.

As authorized by the Educational Technical Assistance Act of 2002, Title II of the statute that created the Institute of Education Sciences (IES), the SLDS Grant Program has awarded competitive, cooperative agreement grants to states since 2005.

Better decisions require better information.

Grants awarded to provide successful design, development, implementation, use, and sustainability of K12 and P-20W+ (early learning through the workforce) longitudinal data systems.


WHO RECEIVES THE DATA?
HOW IS IT PROTECTED?
WHO USES IT?
SCHOOL
LEA SIS
SFTP
NEBR DEPT OF ED
SFTP
WEBSITE
MOU
LEGAL CONTRACT
MOU SFTP
1 PUBLIC REPORTING
AGGREGATE DATA
2 FEDERAL REPORTING
AGGREGATE DATA
3 SLDS
DE-IDENTIFIED DATA
4 CONTRACTING
INDIVIDUAL STUDENT DATA
5 INDEPENDENT RESEARCHERS
DE-IDENTIFIED DATA

General Information

- The Nebraska Department of Education (NDE) began development of a student- and staff-level data warehouse known as the Nebraska Student and Staff Record System (NSSRS) in 2004
- The NDE has reported aggregate data to the federal government since the 1970s
- The Common Core Standards do not contain requirements related to data collection or data reporting. The Common Core Standards have no impact on data collection or reporting in Nebraska
- The NDE collects a variety of information on Nebraska students, including such things as name, date of birth, race/ethnicity, gender, special education, performance on state assessments, status related to English language proficiency, students who qualify for free/reduced price meals, grades, credits, enrollment dates, school and district

General Information

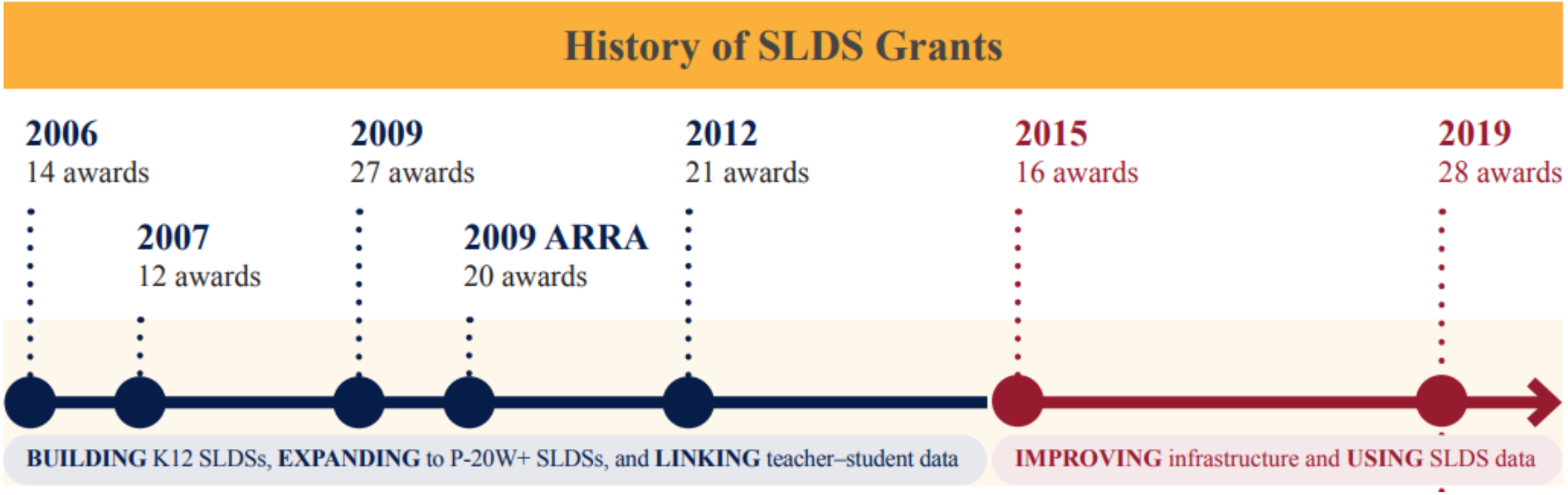
- The NDE does not collect information on political affiliations or beliefs, sexual behavior or attitudes, religious practices, psychological or behavioral testing, DNA, student address or e-mail, or income of the student or family
- Required data reports are only provided in the aggregate, meaning only state, district, school and grade-level data is provided, not student level data
- NDE uses industry standards for the collection, transfer, storage and reporting of data. All data are stored in secure, encrypted databases. NDE's Data Governance Plan includes policies and procedures that meet industry standard requirements for the security and protection of student-level data. The NDE Research and Review Board reviews all research requests and approves only those requests that are appropriate and meet the requirements identified in NDE Administrative Memorandum #711

General Information

- NDE received a federal SLDS grant in 2007 to enhance the N-SLED through: incorporation of Special Education and Curriculum segments, implement the Data Quality Curriculum, create an electronic transcript facility, install a decision support system, and supplement existing training with the addition of staff at Educational Service Units
- NDE received a federal SLDS grant in 2012 to enhance the N-SLED through: the development and implementation of a data analysis tool for districts that uses multiple local and state data sources to produce reports for local decision-makers, providing a statewide system of professional development training for data analysis to reach every district, building a research and evaluation operation in NDE, and expanding and enhancing the N-SLDS for sustainability
- Detailed information about the data collected and reported at NDE is available on NDE and USDE websites:

  NSSRS Resources
  http://www2.ed.gov/about/inits/ed/edfacts/index.html

Grant History:



Nebraska SLDS 2019

Grantee State - Nebraska

Websites:

- Nebraska Department of Education
- Nebraska Student and Staff Record System (NSSRS)

2019 Grant Application

Modernizing Data Systems to support Nebraska Education

Start Date: 3/1/2020
End Date: 2/29/2024

Project Director: Kristin Yates

Amount Awarded: $3,500,000

Project Abstract 95 KB

Enhancing Nebraska's SLDS for Interoperability

- implementation of a data lake for agency-wide data consolidation
- a data hub for standardization and complete CEDS alignment
- development of an application program interface (API) that will provide full data interoperability across the agency and with external SLDS customers
- visualization proof of concept using an off-the-shelf BI tool to explore data intersections with early childhood and postsecondary education, as well as workforce data.

Expected outcomes:

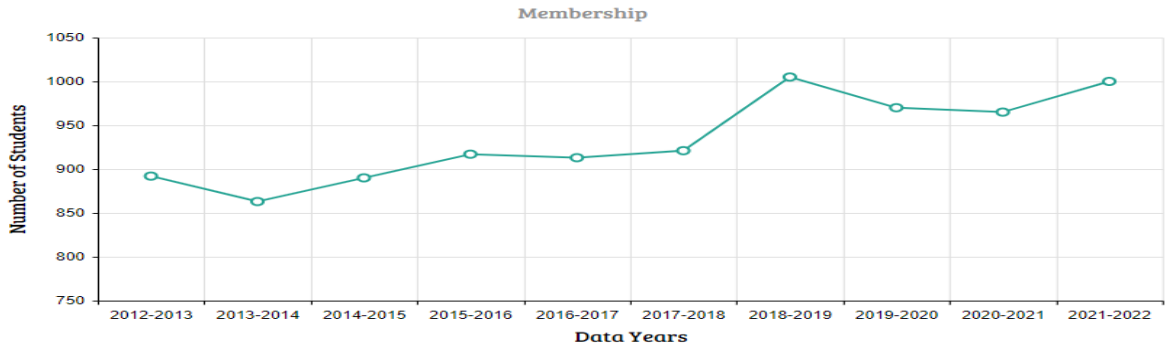
1. Develop Mapping & Data Standardization
2. Complete Infrastructure Readiness
3. Consolidate Source Data
4. Execute Data Harmonization
5. Enhance Data Discovery
6. Optimize API Infrastructure
7. Develop and Deploy API
8. Manage and Evaluate SLDS Grant Activities

Where is Longitudinal data today?

NEP HOME
About
Demographics
Student Membership
Student Race/Ethnicity
Kindergarten/Pre-Kindergarten
Highly Mobile
Teachers
Program Participation
Metrics
Performance
Achievement
Financial

Student Membership

How many students were enrolled at the beginning of the school year?



Data Years	PK	KG	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
2021-2022	88	69	71	80	67	70	59	72	78	60	69	74	69	74	1000
2020-2021	80	61	78	64	68	56	66	71	58	67	73	70	80	73	965
2019-2020	76	72	67	67	62	64	70	54	62	74	69	76	73	84	970
2018-2019	97	74	66	67	67	67	54	61	76	67	76	77	84	72	1005
2017-2018	57	67	59	62	54	50	54	70	67	76	79	86	68	72	921
2016-2017	60	47	57	52	48	57	61	63	79	76	85	69	74	85	913
2015-2016	54	55	52	46	57	60	64	67	67	79	73	77	80	86	917
2014-2015	47	53	38	55	57	62	58	61	76	73	75	81	85	69	890
2013-2014	33	44	48	54	60	53	53	64	70	66	84	81	70	83	863
2012-2013	33	50	52	60	50	55	65	62	64	81	83	73	80	84	892
2011-2012	40	50	58	48	55	65	56	50	81	75	68	79	79	84	888
2010-2011	25	51	50	54	63	56	49	68	73	60	76	76	77	95	873
2009-2010	39	52	46	64	54	53	67	57	59	71	73	77	92	79	883
2008-2009	32	51	65	49	48	67	55	49	71	70	82	92	79	100	910
2007-2008	14	62	54	45	63	52	51	53	71	82	91	83	100	68	889

Data Definitions for Student Membership

What is Longitudial Data?

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Data Definitions for Student Membership

We need your feedback

- Federal Grant providers will be in Lincoln for a face-to-face meeting for our annual grant status update, and they specifically wanted to talk to our stakeholders about their experiences in utilizing the Statewide Longitudinal Data Systems (Adviser)

- Are you interested in meeting with our Federal Grant Providers?
  - Zoom/teams will be available to minimize travel cost and facilitate sharing feedback about the SLDS 2019 Grant progress.
  - Please send me an Email to be added to the potential list of stakeholders who will be sharing their experience with SLDS
  - Bryan.Helzer@nebraska.gov or call me at

Q&A

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