

Common
Education
Data
Standards



CEDS is...

- P-20W national data standard
- Stakeholder driven
- Transparent decisions



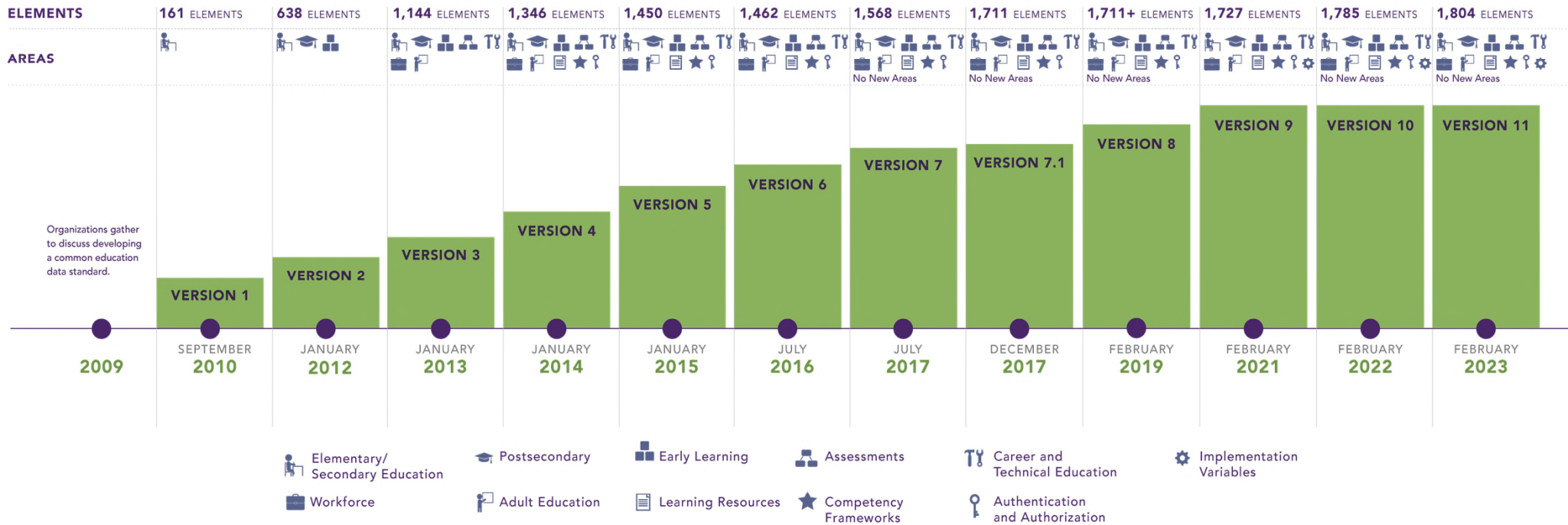
The screenshot shows the GitHub repository page for the Common Education Data Standards (OSSC). The repository is public and has 28 followers. It lists several popular repositories:

- CEDS-IDS** (Public): The CEDS Integrated Data Store factors the entities and attributes of the CEDS Domain Entity Schema (DES) with standard technical syntax and 3rd normal form database normalization. The IDS Logical ... (31 stars, 14 forks)
- CEDS-Elements** (Public): The Common Education Data Standards (CEDS) are an education data management initiative whose purpose is to streamline the understanding of data within and across P-20W institutions and sectors. CED... (27 stars, 5 forks)
- CEDS-Collaborative-Exchange** (Public): The CEDS Collaborative Exchange is a repository of code developed by the community that interacts with the CEDS Integration Data Store and the CEDS Elements repositories. All resources provided in ... (12 stars, 3 forks)
- CEDS-Data-Warehouse** (Public): Modeled for longitudinal storage and reporting of P-20W data, the Common Education Data Standards (CEDS) Data Warehouse implements star schema data warehouse normalization techniques for improved q... (11 stars, 2 forks)
- CEDS-Data-Warehouse-Parquet** (Public): The Common Education Data Standards (CEDS) Data Warehouse Parquet (DW Parquet) standard is designed for data engineering and data science needs in the cloud. The DW Parquet Models mirror the SQL-ba... (5 stars)



TIMELINE OF CEDS

— SPRING 2023 —



Common Education Data Standards

ceds.ed.gov

CEDS can Help



CEDS By the Numbers

THE COMMUNITY

3,179

Stakeholders influencing
CEDS through the
CEDS Community

43 of the 50

States participating in at least
one CEDS workgroup

THE STANDARDS

1,804

Community-defined
unduplicated data elements

24,895

Unique enumerations in
CEDS (elements + options)

THE TOOLS

4,293

Registered users of
the free tools

1,249

Metrics, indicators, and
reporting requirements via
CEDS Connect



Anyone can...

- Submit suggestions or changes on the **standard**, the **Integrated Data Store**, the **Data Warehouse**, or the **Parquet** files
- Provide feedback or contribute to suggestions or changes submitted

Common Education Data Standards
CEDS Open Source Community (OSC)
21 followers <https://ceds.ed.gov>

Overview Repositories 6 Projects Packages Teams People 11 Settings

Popular repositories

- CEDS-IDS** (Public)
The CEDS Integrated Data Store factors the entities and attributes of the CEDS Domain Entity Schema (DES) with standard technical syntax and 3rd normal form database normalization. The IDS Logical ...
TSQL 31 stars 14 forks
- CEDS-Elements** (Public)
The Common Education Data Standards (CEDS) are an education data management initiative whose purpose is to streamline the understanding of data within and across P-20W institutions and sectors. CED...
26 stars 5 forks
- CEDS-Collaborative-Exchange** (Public)
The CEDS Collaborative Exchange is a repository of code developed by the community that interacts with the CEDS Integration Data Store and the CEDS Elements repositories. All resources provided in ...
TSQL 12 stars 3 forks
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TSQL 5 stars



Anyone can...

- Participate in workgroups such as
 - Data Standard Expansion
 - Data Warehouse Expansion
 - JSON workgroup
- Start a discussion or workgroup with other stakeholders on a topic relevant to education data

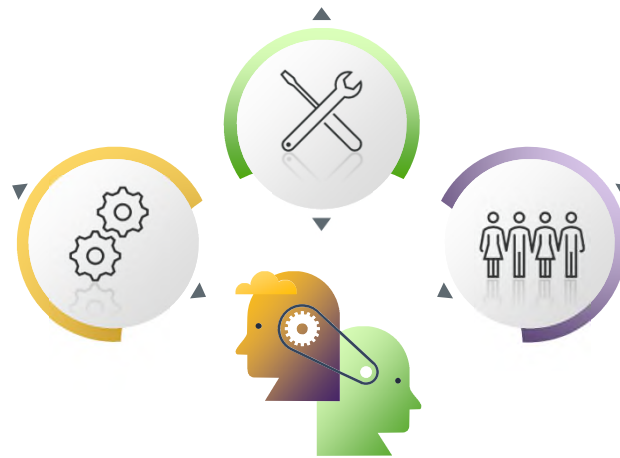




CEDS Vision

Support tools built around
consistent, transparent uses of data

CEDS continues to evolve in
response to user needs



Community driven, cooperatively
funded, transparently governed



THANK YOU

The Common Education Data Standards (CEDS) is an education data management initiative whose purpose is to streamline the understanding of data within and across P20W institutions and sectors. The CEDS initiative includes a common vocabulary, data models that reflect that vocabulary, tools to help education stakeholders understand and use education data, an assembly of metadata for other education data initiatives, and a community of education stakeholders collaborate to expand the standard and implement CEDS-based solutions.



ceds@ed.gov



<https://ceds.ed.gov>



<https://github.com/cedstandards>