DATA LIFE CYCLE

The Connecticut State Department of Education (CSDE) collects vast amounts of data about students, schools, and educators. This information undergoes a rigorous procedure of collection, review, and validation before it is reported to the public. Here's how that process works.





1 DAY-TO-DAY COLLECTION PHASE

In this phase, data "happens" and is collected/reported in the district's local system.



DATA SUBMISSION PREPLANNING PHASE

Districts should review and scrub their data *before* submitting it for a CSDE collection.

Districts should appropriately review available reporting guidance, including the collection's record layout, before the initial data submission phase.



3 INITIAL DATA SUBMISSION PHASE (TO CSDE)

Districts submit data to CSDE according to published deadlines in the CSDE *Data Acquisition Plan*.

Data should be timely!



DATA REVIEW

Districts *must* review their initial data submissions and make corrections as needed.

Data should be 100% accurate!



DATA CERTIFICATION PHASE
Stand by your data!

The appropriate certified district administrator must complete

the certification of the data.



6 CSDE DATA REVIEW PHASE

CSDE data managers review certified district data, clean the data, and work with districts to resolve questionable data and anomalies.

CSDE conducts final data scrubbing.



DATA FREEZE

CSDE freezes all certified data in preparation for public reporting, analysis, and loading into the Department's data warehouse.



PUBLIC REPORTING
AND ANALYSIS PHASE

Frozen student-level and aggregate data is supplied to EdSight for public reporting.

Data is now free to be used in various federal and state reports, ad-hoc data requests, special analyses, and external studies.

At this point, several data indicators are used in the Next Generation Accountability model, which is used to measure district and school progress and fuel school improvement.



DATA COMPLETE!

Mission accomplished.



