

Empirical Data Sources

	Tennessee Education Research Alliance (TERA)	TennCare (Tennessee Medicaid)
Agency	Tennessee Department of Education	Tennessee Bureau of Finance
Primary Focus	Student and school assessment data	Medicaid managed care organization data
Population Covered (most recent year)	977,000 individual students annually	1,476,375 TN individuals
Examples of Outcomes of Interest	Standardized test scores (3rd-8th grades and 11th grade scores in reading, math, science and social sciences), disciplinary incidents, absenteeism, demographic data (age, race, ethnicity, gender, homelessness, foreign born status, English language learner status), school-level TVAAS results, special education status, diploma type (No Diploma, Special Education Diploma, Regular Diploma, GED, High School Certificate), TDOE Core Region for schools	Demographic data (age, race, ethnicity, sex), claims data (pharmacy, inpatient, outpatient, dental, and nursing home claims), death certificate ID, birth certificate ID, claim type, MCO provider, ICD9 and ICD10 diagnoses codes
Data Collection Period	Data collected annually for test scores & administrative data, and disciplinary events	Data collected annually throughout the year
Years Available	2005-2006 academic year through 2022-2023 for student enrollment; 2005-2006 through 2022-2023 for student demographics and achievement scores	1994-2019
Identifying information for linkage	SSN, Name, DOB, Address	SSN, Name, DOB
Level of Data	Student, Teacher, School	Individual
Dataset limitations	Test scores in grades 3-8 are missing for the 2015-2016 academic year	Claims data challenging to use due to file size and complex structure
Strengths of Dataset	Includes all students in TN public schools. It also includes measures of vulnerability, such as homelessness.	Largest insurer of low-income pregnant women in Tennessee; covers approximately 40% of children annually in Tennessee and about 70% across our study period.