

ORGANIZATION OF STUDENT TO TEACHER COURSE LINKAGE

Overview

The Student-Teacher Linkage dataset includes course-level linkages matching students to teachers. The data are stored in comma separated value files (.csv) with three separate files for each school year (grades PK-02, 03-08, and 09-12).

In each file, there are multiple records for students and teachers. Each student and teacher has a unique student identification number, which can be linked across years.

Universe of students/teachers included in dataset

There is one record for every student-teacher linkage during a school year as reported by the Student Transcript and Academic Reporting System (STARS).

Pertinent information about Student-Teacher Linkage data

New York City schools use STARS to create student schedules, enter grades, and print report cards. Schools will begin scheduling courses for a new school year in August. Schools can edit STARS data throughout the year.

Over time guidance on how to use the systems, standardization of course codes, and schools entering information in a timely manner has increased. It is important to note that all data from STARS (MSPA and HSST) is entered by a school staff member and therefore prone to typical human data entry error.

Example File Name: "2013-14_StaffStudentCourse_Gr09-12.csv"

FIELD	DATA TYPE	FIELD DESCRIPTION	VALID VALUES
student_id_scram	Numeric	Non-personally identifiable student tracking number. <ul style="list-style-type: none"> Note: To ensure that all student IDs are 9 digits, import the variable as test to keep leading zeroes. 	Nine-digit integer.
grade_level	String	The student's grade level.	Two-character code indicating the student's grade level with values of: PK, OK, and 01-12.
course_id	String	Student Transcript and Academic Reporting System (STARS) course code. Provides a unique course identifier.	Alphanumeric value.
state_course_code	String		Alphanumeric value. See https://www.p12.nysed.gov/irs/courseCatalog/
section_code	Numeric	Student Transcript and Academic Reporting System (STARS) section ID.	Numeric value.
eis_scram	Numeric	The Pedagogue's non-personally identifiable ID.	Seven-digit integer.
dbn	String	The school code represented as a concatenation of the school district (D), school borough (B) and school number (N).	Alphanumeric in the format 'DDBNNN'.
start_date	Date	The student-teacher linkage start date.	Date and time value.
end_date	Date	The student-teacher linkage end date.	Date and time value.
term_code	String	Student Transcript and Academic Reporting System (STARS) term ID. Note: This depends on the term structure of the school as term code does not have a consistently used definition across all schools. Schools may credit courses in any number of ways such as annualized, semester, quarter, etc.	The most common term structure is a semester structure where: 1=Fall, 2=Spring, 5=Summer.