



## Description of Data in STUDED2018.mdb

This document describes the tables contained in STUDED2018.mdb in which data about students and educators are reported by total public school (aggregated data for all districts and charter schools), county (aggregated data for all districts and charter schools in the county), Needs-to-Resource-Capacity (N/RC) group, district, and public schools. The tables included in this download are shipped with no indices to economize on file space and download time. You will probably want to create indices on BEDS\_CD and other key fields to improve your local query performance. Please use this document to locate desired information in the tables of the same name in the Student and Staff (STUDED2018.mdb). In some cases, values may be stored as text items of length 255. This is an Access artifact. The content is of much shorter, but varying length, and usually formatted for presentation. If computations are to be performed with these numbers, please use the Val() function in any Access expressions to convert to a numeric data type.

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## ENTITY\_CD

The ENTITY\_CD in the following tables is the 12-digit Basic Educational Data System (BEDS) code that uniquely identifies the entity (school, district, etc.). The following information may be useful to researchers who want to select or aggregate data for specific entities.

Digits	Indicate
1–2	County of Location
3–4	City/Town of Location
5–6	School District Number
7–8	District or LEA Type
9–12	Reserved for Building

When	Then
Digit 1 = 3	Entity = New York City School/District and Digits 3 & 4 indicate Community School District
Digits 7 & 8 = 86	Entity = Charter School
Digits 9–12 = 0000	Entity = District

## Need to Resource Capacity Categories

The need/resource capacity index, a measure of a district's ability to meet the needs of its students with local resources, is the ratio of the estimated poverty percentage<sup>1</sup> (expressed in standard score form) to the Combined Wealth Ratio<sup>2</sup> (expressed in standard score form). A district with both estimated poverty and Combined Wealth Ratio equal to the State average would have a need/resource capacity index of 1.0. (N/RC) categories are determined from this index using the definitions in the table below.

Code	Category	Definition
1	High N/RC: New York City	New York City
2	High N/RC: Large City Districts	Buffalo, Rochester, Syracuse, Yonkers
3	High N/RC: Urban-Suburban Districts	All districts at or above the 70th percentile (1.1835) that have: 1) at least 100 students per square mile; or 2) an enrollment greater than 2,500 and more than 50 students per square mile.
4	High N/RC: Rural Districts	All districts at or above the 70th percentile (1.1835) that have: 1) fewer than 50 students per square mile; or 2) fewer than 100 students per square mile and an enrollment of less than 2,500.
5	Average N/RC Districts	All districts between the 20th (0.770) and 70th (1.1835) percentile on the index.
6	Low N/RC Districts	All districts below the 20th percentile (0.770) on the index.
7	Charter Schools	Charter Schools

<sup>1</sup>**Estimated Poverty Percentage:** A weighted average of the 2006–07 and 2007–08 kindergarten through grade 6 free-and reduced-price-lunch percentage and the percentage of children aged 5 to 17 in poverty according to the 2000 Decennial Census. (An average was used to mitigate errors in each measure.) The result is a measure that approximates the percentage of children eligible for free or reduced-price lunches.

<sup>2</sup>**Combined Wealth Ratio:** The ratio of district wealth per pupil to State average wealth per pupil, used in the 2007–08 Governor's proposal.

**Table: Attendance**

Name	Description	Type	Size
ENTITY_CD	12-digit code for district, public school, and charter school	Text	12
ENTITY_NAME	The name of the entity (district or school)	Text	255
YEAR	School Year (2018 for 2017–18).	Number	4
ATTENDANCE_RATE	Annual attendance rate	Number	12

**Table: Average Class Size**

Name	Description	Type	Size
ENTITY_CD	12-digit code for public schools statewide, by county, by N/RC group, for public school districts, public schools, and charter schools	Text	12
ENTITY_NAME	The name of the entity (district or school)	Text	255
YEAR	School Year (2015 for 2014–15, 2016 for 2015–2016, and 2017 for 2016–2017)	Number	4
COMMON_BRANCH	Number of students in self-contained classes in Grades 1–6 divided by the number of those classes	Number	12
GRADE_8_MATH	Number of students registered in Grade 8 math classes divided by the number of those classes	Number	12
GRADE_8_ENGLISH	Number of students registered in Grade 8 English classes divided by the number of those classes	Number	12
GRADE_8_SCI	Number of students registered in Grade 8 science classes divided by the number of those classes	Number	12
GRADE_8_SS	Number of students registered in Grade 8 social studies classes divided by the number of those classes	Number	12
GRADE_10_MATH	Number of students registered in Grade 10 math classes divided by the number of those classes	Number	12
GRADE_10_ENGLISH	Number of students registered in Grade 10 English classes divided by the number of those classes	Number	12
GRADE_10_SCI	Number of students registered in Grade 10 science classes divided by the number of those classes	Number	12
GRADE_10_SS	Number of students registered in Grade 10 social studies classes divided by the number of those classes	Number	12

**Table: BOCES and N/RC**

Name	Description	Type	Size
ENTITY_CD	12-digit code for public schools	Text	12
SCHOOL_NAME	The name of the school	Text	255
YEAR	School Year (2016 for 2015-16, 2017 for 2016-17, 2018 for 2017–18)	Number	4
DISTRICT_CD	8-digit code of school district	Text	8
DISTRICT_NAME	The name of the school district	Text	255
BOCES_CD	4-digit code of BOCES	Text	4
BOCES_NAME	The name of the BOCES	Text	255
COUNTY_CD	2-digit county code	Text	2
COUNTY_NAME	The name of the county	Text	40
NEEDS_INDEX	Need to Resource Capacity Category	Text	12

**Table: Free Reduced Price Lunch**

Name	Description	Type	Size
ENTITY_CD	12-digit code for public schools statewide, by county, by N/RC group, for public school districts, public schools, and charter schools	Text	12
ENTITY_NAME	The name of the entity (district or school)	Text	255
YEAR	School Year (2016 for 2015-16, 2017 for 2016-17, 2018 for 2017–18)	Number	4
NUM_FREE_LUNCH	Number of students eligible for free lunch	Number	12
PER_FREE_LUNCH	Percentage of enrolled students eligible for free lunch	Number	12
NUM_REDUCED_LUNCH	Number of students eligible for reduced-price lunch	Number	12
PER_REDUCED_LUNCH	Percentage of enrolled students eligible for reduced-price lunch	Number	12

**Table: Institution Grouping**

Name	Description	Type	Size
GROUP_CODE	Aggregation group code	Number	2
GROUP_NAME	Aggregation group name (Need Resource Capacity, County Public Schools)	Text	255
ENTITY_CD	12-digit code for public schools statewide, by county, by N/RC group, for public school districts, public schools, and charter schools	Text	12
ENTITY_NAME	The name of the entity (district or school)	Text	255

**Table: Staff**

Name	Description	Type	Size
ENTITY_CD	12-digit code for district, public school, and charter school	Text	12
ENTITY_NAME	Name of district, public school, or charter school	Text	255
YEAR	School Year (2016 for 2015–16, 2017 for 2016–17, and 2018 for 2017–18)	Number	4
DISTRICT_CD	8-digit code of school district	Text	8
DISTRICT_NAME	Name of school district	Text	255
CSO_NAME	School principal name	Text	255
STREET	School mailing address	Text	255
CITY	School city address	Text	255
PHONE	School telephone number	Text	255
GRADE_RANGE	Range of grades in the entity from low to high	Text	255
NUM_PRINC	Total number of principals	Number	12
NUM_TEACH	Total number of teachers	Number	12
NUM_COUNSELORS	Total number of school counselors	Number	12
NUM_SOCIAL	Total number of social workers	Number	12
PER_ATTEND	Percent of teachers in attendance	Number	12
PER_TURN_FIVE_YRS	Turnover rate of teachers with fewer than five years of experience	Number	12
PER_TURN_ALL	Turnover rate of all teachers	Number	12

**Table: Suspensions**

Name	Description	Type	Size
ENTITY_CD	12-digit code for district, public school, and charter school	Text	12
ENTITY_NAME	The name of the entity (district or school)	Text	255
YEAR	School Year (2015 for 2014-15, 2016 for 2015-16, and 2017 for 2016-17). Suspension data are lagged a year.	Number	4
NUM_SUSPENSIONS	Number of students suspended	Number	12
PER_SUSPENSIONS	Percent of students suspended	Number	12