

ORGANIZATION OF STUDENT NEW YORK STATE GRADE 3-8 MATHEMATICS & ENGLISH LANGUAGE ARTS (ELA) EXAM RESULTS

Overview

The grade 3-8 student Mathematics and English Language Arts (ELA) exam results dataset includes student-level records of test and biographical information. The data are stored in tab-delimited or comma-delimited text files (.txt).

In the file, there is one record per student. Each student has a unique, nine-digit, non-identifiable student identification number. Although the student id numbers are non-identifiable, they are linked across years.

In 2012-13, the New York State Assessment was substantially changed to better align with the Common Core. New York State used a new scaling method as well as different cut scores for assigning proficiency levels. In 2017-18, the New York State rescaled the Math and ELA exams to account for a change in test administration from 3 days to 2 days.

Because these datasets include exam scores that are entered after the public release of Math & ELA reports, aggregates of the student level dataset will not match the public reports on the DOE website.

Universe of students included in dataset

For all years, every student for whom there is at least one test record in ELA OR Math is included.

Records for students enrolled in charter schools are not present **IN 2004-05 THROUGH 2018-19 FILES. Charter school students are NOT INCLUDED in public reporting of NYC results and for state accountability purposes.**

In 2012-13, students attending schools in District 75 are not included in the file.

These data files include students with Math and/or ELA DBNs in District 70. District 70 represents students with special needs that cannot be serviced by DOE schools and therefore are funded to attend a school outside of the district. These students have been discharged before the testing period, sometimes even years prior, but remain in the testing data for accountability purposes.

Demographic variables on this ELA & Math dataset may differ from demographic variables included on our standard biographic datasets, due to differences in when the data was pulled by other offices at the DOE. For this reason, we recommend using the standardized June Biographic dataset for demographic variables instead of those included here.

Prior to 2017-18 students attending schools with Universal Free Meals were automatically coded "1" for poverty. Beginning in 2017-18 that is no longer the case, and students' poverty flag is coded according to individual poverty status.

In 2019-20, the New York State Assessments were canceled due to the COVID-19 pandemic and resulting school closure. As a result, there is no dataset for the 2019-20 school year.

In 2020-21, the New York State Assessments were administered on an optional basis due to the continued COVID-19 pandemic and shift to hybrid instruction. As a result, the number of students who sat for the exam dropped significantly from prior years and results cannot be compared to prior years. For this reason there is no dataset for the 2020-21 school year.

In 2018, NYSED rescaled the Math and ELA exams to account for a change in test administration from 3 days to 2 days. Therefore, results from 2018 through 2022 can be compared to each other but cannot be compared to prior years.

In 2023, NYSED aligned the Math and ELA tests to new standards; therefore results from 2022 and 2023 are not comparable.

Pertinent information about achievement data

As of 2006-07, the New York State Education Department updated its testing policy for English Language Learners (ELLs). ELLs who have attended school in the US for more than one year must take the ELA exam.

As of 2005-06, the New York State Education Department expanded the ELA and mathematics testing programs to Grades 3-8. Previously, state tests were administered in Grades 4 and 8 and citywide tests were administered in Grades 3, 5, 6, and 7.

Proficiency ratings are a metric created for the New York City Progress Reports¹. The Progress Reports were officially introduced in 2006-07 and included test data from that year and the prior year (2005-06). Therefore, data on proficiency ratings is not included in this dataset prior to 2005-06.

¹ For more information about the New York City Progress Reports go to:

<http://schools.nyc.gov/Accountability/SchoolReports/ProgressReports/default.htm>

* For additional information on testing accommodations, see the guidance document on NYSED's website:

<http://www.p12.nysed.gov/specialed/publications/policy/testaccess/guidance.htm#defin>

Example File Name: "1998-99_Student_test-Biog_All_G38_NYC_Scrambled.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 text to keep leading zeroes. 	Nine-digit integer.	
ela_test_grade	Numeric	Grade level of the ELA exam taken.	One-digit value ranging from 3-8.	
ela_scale_score	Numeric	Student's scale score on the ELA exam.	Numeric value.	
ela_perf_level	Numeric	Student's performance level on the ELA exam.	1	Level 1
			2	Level 2
			3	Level 3
			4	Level 4
math_test_grade	Numeric	Grade level of the Math exam taken.	One-digit value ranging from 3-8.	
math_scale_score	Numeric	Student's scale score on the Math exam.	Numeric value.	
math_perf_level	Numeric	Student's performance level on the Math exam.	1	Level 1
			2	Level 2
			3	Level 3
			4	Level 4
ela_dbn	String	School identification number where student was registered at time of ELA test administration. Consists of District, Borough, and School Number (not included before 2004-05).	Alphanumeric in the format 'DDBNNN'.	
math_dbn	String	School identification number where student was registered at time of Math test administration. Consists of District, Borough, and School Number (not included before 2004-05).	Alphanumeric in the format 'DDBNNN'.	
ela_prof_rating	Numeric	Student's proficiency rating on the ELA exam (only available in Progress Report years: 2005-06 through 2013-14).	Numeric value ranging from 1.00-4.50.	
math_prof_rating	Numeric	Student's proficiency rating on the Math exam (only available in Progress Report years: 2005-06 through 2013-14).	Numeric value ranging from 1.00-4.50.	