Transfer HS Automatic Appeal Data 2021-22

AutomaticAppealDataTemplate.xlsx

Requirements and Input Data

NYSED has provided us with a four-tab excel file (attached above) that needs to be filled out with data for the Transfer HS Automatic Appeals. The tabs are:

1. School-level 4/5/6 year grad rate numerator, denominator, and grad rate
2. Student-level list in the cohorts in tab #1 who have earned HSE diplomas
3. Alt cohort school level summary with numbers of students in each school/subject/subgroup/level
4. Alt cohort with student-level roster including performance level in each of the four subjects

We have also been provided an Excel sheet with the list of students who are in the 4/5/6 year non-lagged cohort ending in 2022 (so, 2018 4-year, 2017 5-year, 2016 6-year).

School List

The school list is derived from the SED-provided Excel sheet with graduation rate cohort data. All district and charter NYC transfer schools should be included.

Demographics

SED has provided us with student-level data for the 11 demographic indicators listed in thee table below for the grad cohort students.

However, not all the students in the alt cohort will be in the grad cohort so we will need to calculate each of these on our own as well. If the DOE and SED ethnic group disagrees we use the SED data.

For other groups, a student is in the group if either the DOE or SED data says they are included (note the former_swd column in the SED data was blank so we rely on DOE data only for that). However, a student can never be in both former SWD and SWD nor in both former LEP and LEP. If that would happen, they go in the current version only.

Subgroup	DOE Data Definition
Limited English Proficiency (LEP a.k.a. ELL)	DemMutableForStu.ell = '1' where year = 2022
Former LEP	Is NOT a current LEP student AND DemMutableForStu.ell = '1' where year in (2020, 2021)
Students with Disabilities (SWD)	DemMutableForStu.iep = '1' where year = 2022
Former SWD	Is NOT a current SWD student AND DemMutableForStu.iep= '1' where year in (2020, 2021)
Economic Disadvantaged	DemMutableForStu.meal_code in ('A','1','2') where year = 2022
Asian or Pacific Islander	DemImmutableForStu.ethnic_code in ('C','D','2')
Hispanic or Latino	DemImmutableForStu.ethnic_code in ('A','3')
Black or African American	DemImmutableForStu.ethnic_code in ('4','E')
White	DemImmutableForStu.ethnic_code in ('5','F')
American Indian or Alaska Native	DemImmutableForStu.ethnic_code in ('1','B')

Multiracial (includes missing ethnicity as per DOE reporting rules)	DemImmutableForStu.ethnic_code in ('G','6',' ')

Note that in the context of DemMutable "year = 2022" represents the latest status of the student as of the end of the school year 2021-22 (i.e. June 30, 2022).

A school/subgroup typically consists of all the students in that subgroup. For the SWD and LEP subgroups the following rules are applied for each subject /school (e.g. ELA and Math are done separately for each school):

1. Former SWD results are included when the total number of current SWD is greater than or equal to 30. For alternative cohort, this rule is applied at subject level.
2. Former ELL results are included when the total number of former ELLs is less than current ELLs. For alternative cohort, this rule is applied at subject level.

Grad Rate Calculation

The students included in the grad rate denominator are given to us in the SED-provided Excel sheet. The denominator for each school will be the count of the number of students SED has provided.

The numerator is the number of students that have received a local diploma, Regents diploma, or HSE diploma. This includes DOE discharge codes 26 (Local), 27 (Regents), 28 (Regents with honors), 30 (HSE), 47 (Advanced Regents), 62 (Advanced Regents with Honors) with an ATS discharge date on or before the first day of school in 2022 (9/8/2022).

Discharge data comes from SPR_INT.raw_biog_prog_union.

Alt Cohort Roster

Admission and discharge data comes from SPR_INT.raw_biog_prog_union. A student with an exam score in a subject is included in the alt cohort for that subject/school if and only if:

1. The student's first admission to the school is in the period September 1, 2019- June 30, 2020 (year 1)

AND

2. The student's does not have any of the following discharges in the period September 1, 2019 - June 30, 2022 (year 1-3):

Discharge Reason	DOE Discharge Codes
Transfer to another regular-diploma granting HS in the United States Left the United States	08, 11 (where disc_document_cde not equal to "X"), or transfer to diploma-granting high school (dbn not in extract_non_diploma)
Deceased	15
Incarcerated	10, or transfer to DOE program for incarcerated students (79X695, 79Q344, 79M921, 79M973)
Transferred to state approved HSE program	transfer to 79Q950 or 79M331

Alt Cohort Roster

Regents exam scores for these students are from spr_int.raw_regent_rct with code table in spr_int.lookup_regent_coursecd. NYSAA exams are in spr_int.raw_exam_nysaa. Only HS NYSAA can count - those are identified by exam_grade_level = '11'

Exams are prioritized so that Regents in the subject is first from highest to lowest level, then any NYSAA in the subject from highest to lowest levels. To our knowledge, transfer schools do not have relevant approved alternatives to Regents in 2022.

Conversion table:

Assessment	Eligible Students	Accountability Level/Score
Regents English	All students (general education & students with disabilities)	Acc Level 4 (85–100) Acc Level 3 (79–84) Acc Level 2 (65–78) Acc Level 1 (0–64)
Approved Alternatives to Regents English & Math	All students (general education & students with disabilities)	Acc Level 3 (Pass) Acc Level 1 (Fail)
Regents Algebra I & Geometry	All students (general education & students with disabilities)	Acc Level 4 (85–100) Acc Level 3 (80–84) Acc Level 2 (65–79) Acc Level 1 (0–64)
Regents Algebra II	All students (general education & students with disabilities)	Acc Level 4 (85–100) Acc Level 3 (78–84) Acc Level 2 (65–77) Acc Level 1 (0–64)
New York State Alternate Assessment in ELA & Math (Secondary Level)	Students with severe cognitive disabilities	Acc Level 4 (Level 4) Acc Level 3 (Level 3) Acc Level 2 (Level 2) Acc Level 1 (Level 1)

Science and Social Studies Regents are included with Level 1: 0-54, Level 2: 55-64, Level 3: 65-84, Level 4: 85-100.

spr_int.lookup_regent_coursecd reference table:

Exam Name	lookup_regent_coursecd.exam
English Regents	engl
Algebra I Regents	inta
Geometry Regents	geom
Algebra II Regents	algt
Living Environment Regents	livn
Earth Science Regents	esci
Physics Regents	phys
Chemistry Regents	chem
U.S. History Regents	hist
Global History Regents	glob

Valid Regents exams have numeric scores from 0-100. Valid NYSAA exams have performance levels from 1-4. "WA" "ABS", "INV" and any other non-numeric exam records should be dropped. Students can only be included in the performance index (CSPI) for a subject if they have a valid exam score.

Core Subject Performance Index (CSPI)

Each student that meets the criteria above contributes to each subject based on their highest-priority exam as described above. Contribution is 250 for level 4, 200 for level 3, 100 for level 2, and 0 for level 1. Students with no valid exams are excluded. The mean of the student's individual contributions is the CSPI performance index.

This is equivalent to the NYSED performance index formula:

$$\text{Formula} = 100 * \frac{(Level\ 2) + 2(Level\ 3) + 2.5(Level\ 4)}{Denominator}$$

Consortium Schools

Consortium schools have "n/a" in the alt cohort for the subjects they are not required to give. The list for 2022 (and years beyond) is:

DBN	School Name	Required Regents
12X446	Arturo A. Schomburg Satellite Academy Bronx	ELA
03M479	Beacon School	ELA

10X351	Bronx Collaborative HS	ELA
09X403	Bronx International HS	ELA
11X265	Bronx Laboratory HS	ELA
13K439	Brooklyn International High School	ELA
15K448	Brooklyn School for Collaborative Studies	ELA
02M560	City-as-School	ELA
07X427	Community School for Social Justice	ELA
01M450	East Side Community	ELA
14K685	El Puente Academy	ELA
02M294	Essex Street Academy	ELA
21K572	Expeditionary Learning School for Community Leaders	ELA
02M303	Facing History School	ELA
12X682	Fannie Lou Hamer Freedom School	ELA
13K594	Gotham Professional Arts Academy	ELA
02M534	Harvest Collegiate	ELA
02M605	Humanities Preparatory Academy	ELA
02M407	Institute for Collaborative Education	ELA
29Q243	Institute for Health Professions at Cambria Heights	ELA
07X334	International Community High School	ELA
24Q530	International High School at Laguardia Community College	ELA
02M313	James Baldwin School	ELA
18K569	Kurt Hahn Expeditionary Learning School	ELA
07X223	Lab School of Finance and Technology	ELA
02M419	Landmark High School	ELA
14K586	Lyons Community School	ELA
02M459	Manhattan International HS	ELA
24Q520	Middle College HS	ELA
28Q338	Queens Satellite Academy High School	ELA
02M570	Satellite Academy HS - Chambers	ELA
01M458	Satellite Academy HS - Forsythe	ELA
02M413	School of the Future	ELA
07X495	University Heights HS	ELA
02M565	Urban Academy Laboratory High School	ELA
02M449	Vanguard HS	ELA
09X564	Claremont International High School	ELA and math
10X524	Crotona International High School	ELA and math
10X397	English Language Learners Support Prep Academy (ELLIS)	ELA and math
25Q263	Flushing International High School	ELA and math
21K337	International High School at Lafayette	ELA and math
02M438	International High School at Union Square	ELA and math
24Q236	International High School for Health Sciences	ELA and math

24Q296	Pan American International High School	ELA and math
12X388	Pan American International High School at Monroe	ELA and math
17K524	The International High School at Prospect Heights	ELA and math