Description of Data AP/IB Course and Assessment 2024 Downloadable Access Database

This document describes the tables contained in the AP_IB_Assessment_2024 and AP_IB_Course_2024 Access databases. These databases include data about AP and IB course enrollment, AP and IB assessment participation, and results for designated subgroups. Data 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. Please use this document to locate desired information in the AP an IB Course and Assessment databases. 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. To ensure student confidentiality, the Department does *not* publish assessment data for groups with fewer than five tested students. Suppressed data are indicated with a "-" and are formatted as character variables. 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. Note that the course data are not subject to suppression. For additional information about business rules, variables, and suppression see the Glossary and Business Rules documents.

LEA_BEDS

The LEA_BEDS 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 New York City Community School District
Digits 7 & 8 = 86	Entity = Charter School
Digits 9–12 = 0000	Entity = District

NRC_CODE

An NRC_CODE is a Need to Resource Capacity Category code that is a measure of district's ability to meet the needs of its students with local resources. The need/resource capacity index is the ratio of the estimated poverty percentage[1] (expressed in standard score form) to the Combined Wealth Ratio[2] (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. Need/Resource Capacity (N/RC) categories are determined from this index using the definitions in the table below. ([Source](#))

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

[1] 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.

[2] 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: AP_IB_COURSE_2024

NAME	DESCRIPTION	TYPE	SIZE
REPORT_SCHOOL_YEAR	School Year in which the data was collected. (2023-24)	Text	255
AGGREGATION_INDEX	Numeric index assigned to assist in aggregating data at Statewide (0), Need/Resource Category (1), County (2), District (3) and School (4).	Number	1
AGGREGATION_TYPE	Aggregation type description.	Text	255
AGGREGATION_CODE	Codes include N/RC codes (0 – 7) and BEDS codes for counties, districts, and schools.	Text	255
AGGREGATION_NAME	The name of the entity (Need/Resource Category, County, District, or School).	Text	255
INST_ID	12-digit unique identifier for each institution - a code that remains consistent over time, unlike the AGGREGATION_CODE or LEA_BEDS which updates with changes in location or district assignment, for example. INST_ID is only reported for records where AGGREGATION_INDEX = 3 or 4.	Text	12
LEA_BEDS	12-digit Basic Educational Data System (BEDS) code that uniquely identifies the district in which the school is located for all non-charter public schools. For a Charter School, this code is also the aggregation_code. LEA_BEDS is reported for school-level aggregation (aggregation_index = 4) only.	Text	12
LEA_NAME	Name of the district in which the school is located for all non-charter public schools. For all charter schools, this name is also the value reported for aggregation_name	Text	255
NRC_CODE	Needs to Resource Capacity (N/RC) code.	Number	1
NRC_DESC	Description of the N/RC.	Text	255
COUNTY_CODE	Two-digit county code.	Text	2
COUNTY_NAME	County name.	Text	255
NYC_IND	Index indicating whether the LEA, school, or county is in New York City (0/1).	Text	1
SUBGROUP_CODE	Two-digit code identifying the various demographic subgroups.	Number	2
SUBGROUP_NAME	Name of subgroup	Text	2
APIB_IND	Indicates whether course was an AP or IB course ('AP'/'IB')	Text	2

NAME	DESCRIPTION	TYPE	SIZE
SUBJECT_AREA	Subject area of each course as contained in the School Courses for the Exchange of Data (SCED)	Text	
COURSE_ID	Six-digit identifier assigned to each course	Text	
COURSE_DESC	Full name of course	Text	
GRADE_LEVEL	Enrollment grade level of student - 'Not HS' – students enrolled in grade 8 or below.	Text	10
STUDENT_COUNT	Number of students reported as enrolled in the course	Number	

Table: AP_IB_ASSESSMENT_2024

NAME	DESCRIPTION	TYPE	SIZE
REPORT_SCHOOL_YEAR	School Year in which the data was collected. (2023-24)	Text	255
AGGREGATION_INDEX	Numeric index assigned to assist in aggregating data at Statewide (0), Need/Resource Category (1), County (2), District (3) and School (4).	Number	1
AGGREGATION_TYPE	Aggregation type description.	Text	255
AGGREGATION_CODE	Codes include N/RC codes (0 – 7) and BEDS codes for counties, districts, and schools.	Text	255
AGGREGATION_NAME	The name of the entity (Need/Resource Category, County, District, or School).	Text	255
INST_ID	12-digit unique identifier for each institution - a code that remains consistent over time, unlike the AGGREGATION_CODE or LEA_BEDS which updates with changes in location or district assignment, for example. INST_ID is only reported for records where AGGREGATION_INDEX = 3 or 4.	Text	12
LEA_BEDS	12-digit Basic Educational Data System (BEDS) code that uniquely identifies the district in which the school is located for all non-charter public schools. For a Charter School, this code is also the aggregation_code. LEA_BEDS reported in school-level aggregation (aggregation_index = 4) only.	Text	12
LEA_NAME	Name of the district in which the school is located for all non-charter public schools. For all charter schools, this name is also the value reported for aggregation_name	Text	255
NRC_CODE	Needs to Resource Capacity (N/RC) code.	Number	1

NAME	DESCRIPTION	TYPE	SIZE
NRC_DESC	Description of the N/RC.	Text	255
COUNTY_CODE	Two-digit county code.	Text	2
COUNTY_NAME	County name.	Text	255
NYC_IND	Index indicating whether the LEA, school, or county is in New York City (0/1).	Text	1
SUBGROUP_CODE	Two-digit code identifying the various demographic subgroups.	Number	2
SUBGROUP_NAME	Name of subgroup.	Text	2
APIB_IND	Indicates whether Assessment was an AP or IB Assessment ('AP'/'IB')	Text	2
SUBJECT_AREA	Subject area of each Assessment.	Text	
STATE_CODE	Six-digit identifier assigned to the assessment	Text	
ITEM_DESC	Full name of assessment	Text	
GRADE_LEVEL	Enrollment grade level of student - 'Not HS' – students enrolled in grade 8 or below.	Text	10
TESTED_STUDENT_CNT	Number of students who participated in the Assessment	Number	
PROFICIENT_STUDENT_CNT	Count of students who scored proficient on the assessment (Level 3 and above for AP Assessments, Level 4 and above for IB Assessments)	Text	
LEVEL1_CNT	Count of students who scored Level 1 on the assessment – AP and IB Assessments	Text	
LEVEL2_CNT	Count of students who scored Level 1 on the assessment – AP and IB Assessments	Text	
LEVEL3_CNT	Count of students who scored Level 1 on the assessment – AP and IB Assessments	Text	
LEVEL4_CNT	Count of students who scored Level 4 on the assessment – AP and IB Assessments	Text	
LEVEL5_CNT	Count of students who scored Level 5 on the assessment – IB Assessments only	Text	
LEVEL6_CNT	Count of students who scored Level 6 on the assessment – IB Assessments only	Text	
LEVEL7_CNT	Count of students who scored Level 7 on the assessment – IB Assessments only	Text	