Package: bcpss (via r-universe)

August 27, 2024

Type Package

Title Baltimore City Public Schools

Version 0.2.0.9000

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Description Provides access to demographic, enrollment, and survey
data on Baltimore City Public School System (BCPSS).

License CC0

URL https://github.com/elipousson/bcpss,
https://elipousson.github.io/bcpss/

BugReports https://github.com/elipousson/bcpss/issues

Depends R (>= 2.10)

Imports glue, rlang

Suggests dplyr, stringr, ggplot2, knitr, rmarkdown, sf, tidyr

VignetteBuilder knitr

Encoding UTF-8

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.1

Repository https://elipousson.r-universe.dev

RemoteUrl https://github.com/elipousson/bcpss

RemoteRef HEAD

RemoteSha 390ca591fa26d000d8013553d2649cccb94a8b36

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accountability_SY1920   *Accountability data (SY 2019-2020)*

Description

The Maryland State Department of Education is required to report "accountability data" under the 2015 federal Every Student Succeeds Act (ESSA). Maryland's plan for an accountability system that complies with the ESSA was approved by the U.S. Department of Education in early 2018. Overall, The accountability system has two parts: academic indicators, which make up 65 possible points in the system, and measures of school quality and student success, which are 35 possible points. The star rating and total points are summary measures based on a broad selection of performance indicators to measure how schools are doing.

Detailed data is available for download through the MSDE website. Howard County Public School System (HCPSS) provides an accessible explanation of the accountability data on their website: https://www.hcpss.org/about-us/essa/

Usage

accountability_SY1920

Format

A data frame with 160 rows and 8 variables:

school_year School year

school_number School number

school_name School name

star_rating Star rating

total_points_earned_percentage Total points earned (as a percentage)

percentile_rank_elementary Statewide percentile rank for elementary school grade band

percentile_rank_middle Statewide percentile rank for middle school grade band

percentile_rank_high Statewide percentile rank for high school grade band

Source

[MSDE Data Downloads]

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attendance_msde_SY0919

Attendance data by school (SY 2009-2019)

Description

Attendance data from the Maryland State Department of Education (MSDE). Raw CSV data files with the full state enrollment data are available in the inst/extdata folder. Any percent variables with a value of 95 percent should be interpreted as equivalent at or above 95 percent. Any percent variables with a value of 5 percent should be interpreted as equivalent to at or below 5 percent. Chronic absenteeism data is not available prior to 2018 when the federal Every Student Succeeds Act (passed in 2015) went into effect and Maryland began to include the chronic absenteeism rate in the state's annual academic report cards. Variable definitions are based on the [definitions from the MSDE website].

Usage

attendance_msde_SY0919

Format

A data frame with 3,197 rows and 15 variables:

school_year School year or academic year, e.g. 2019 for 2019-2020 school year

school_number School number (0 indicates all schools)

school_name School name

grade_band Grade band (school type)

attend_rate_pct Attendance rate as defined as the average daily attendance rate of students in the school and grade band, including special education students

days_attended_cnt Total number of students in attendance from the first day of school through April 13th

days_member_cnt Total number of students registered to attend from the first day of school through April 13th

fewer_5_pct Percent of students absentee rate is the percentage of students absent from school for five or fewer days between the first day of the school year and the last day of the school year

fewer_5_cnt Count of students absentee rate is the percentage of students absent from school for five or fewer days between the first day of the school year and the last day of the school year

more_20_pct Percent of students absentee rate is the percentage of students absent from school for twenty or more days between the first day of the school year and the last day of the school year

more_20_cnt Number of students absentee rate is the percentage of students absent from school for twenty or more days between the first day of the school year and the last day of the school year

more_90_member_cnt Number of students with an attendance rate of 90 percent or more (?)

chronic_absentee_cnt Number of students expected to attend school for at least 10 days who were absent 10 percent or more of the school days while enrolled at that school

chronic_absentee_denom Number of students who are expected to attend school for at least 10 days in the school year

chronic_absentee_pct Chronic absenteeism rate as defined as the percent of students expected to attend school for at least 10 days who were absent 10 percent or more of the school days while enrolled at that school

Source

[MSDE Data Downloads]

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bcpss_attendance   *BCPSS Attendance Data (SY 2003-2022)*

Description

This data is a subset of the [marylandedu::msde_attendance] dataset.

Usage

bcpss_attendance

Format

A data frame with 5,585 rows and 18 variables:

year School year or academic year, e.g. 2019 for 2019-2020 school year

school_number School number (0 indicates all schools)

school_name School name

grade_range Grade range used for attendance details.

attend_rate_pct Attendance rate as defined as the average daily attendance rate of students in the school and grade band, including special education students

days_attended_count Total number of students in attendance from the first day of school through April 13th

days_member_count Total number of students registered to attend from the first day of school through April 13th

fewer_5_pct Percent of students absentee rate is the percentage of students absent from school for five or fewer days between the first day of the school year and the last day of the school year

fewer_5_count Count of students absentee rate is the percentage of students absent from school for five or fewer days between the first day of the school year and the last day of the school year

more_20_pct Percent of students absentee rate is the percentage of students absent from school for twenty or more days between the first day of the school year and the last day of the school year

more_20_count Number of students absentee rate is the percentage of students absent from school for twenty or more days between the first day of the school year and the last day of the school year

more_90_member_count Number of students with an attendance rate of 90 percent or more

chronic_absentee_count Number of students expected to attend school for at least 10 days who were absent 10 percent or more of the school days while enrolled at that school

chronic_absentee_denom Number of students who are expected to attend school for at least 10 days in the school year

chronic_absentee_pct Chronic absenteeism rate as defined as the percent of students expected to attend school for at least 10 days who were absent 10 percent or more of the school days while enrolled at that school

date_created Date record created.

lss_number Local school system (LSS) number as integer. NA is used in place of a LSS number for statewide data. Older LEA numbers are combined with LSS numbers in this dataset.

lss_name Local school system (LSS) names (typically same as county name). "State" is used in place of a LSS name for statewide data. Older LEA names are combined with LSS names in this dataset.

Source

MSDE Data Downloads

`bcpss_buildings_SY2122`

BCPSS Buildings (SY 2021-2022) from CEFMP

Description

Buildings and programs within BCPSS. Note that each row is a program (not a building).

Usage

```
bcpss_buildings_SY2122
```

Format

A data frame with 173 rows and 18 variables:

`psc_number` PSC Number

`bldg_number` Building number

`bldg_name` Building name

`program_number` Program number

`program_name` Program name

`management_type` Management type

`address` Address

`src` SRC (State Rated Capacity)

`bldg_enrollment` Total building enrollment

`program_enrollment` Program enrollment

`utilization_pct` Utilitization (% of SRC)

`acres` Acres

`bldg_sqft` Building sq. feet

`fci_score` FCI Score (physical condition)

`notes` Building notes

`swing_space` Swing space indicator

`bcpss_owned` BCPSS owned building indicator

`year_built` Year built

bcpss_enrollment	*BCPSS Enrollment Data (SY 2003-2023)*

Description

This data is a subset of the marylandedu::msde_enrollment dataset include all data where the lss_name is "Baltimore City". This data does not include the SEED School of Maryland which is located within Baltimore City. It is recommended you use this data instead of enrollment_msde_SY0919 as the name of this object will remain the same when current enrollment data is appended on an annual basis.

Usage

```
bcpss_enrollment
```

Format

A data frame with 33,800 rows and 10 variables:

year School or academic year for enrollment count, e.g. 2019 data is from the start of the 2019-2020 school year.

school_number School number as integer (0 indicates all schools)

school_name School name

enrolled_count Number of students registered to attend the school at the start of the year in the grade or grade range as integer. Typically enrollment count is as of September 30.

grade Grades from Prekindergarden (PK) to Grade 12

grade_range all elementary school Grades, all middle school grades, all high school grades, or all grades (total enrollment). May also be used as a label for grade.

race Race/ethnicity. Enrollment by race/ethnicity is only available across all grades for years since 2020. "All" is used for data prior to 2020.

date_created Date record created.

lss_number Local school system (LSS) number as integer. NA is used in place of a LSS number for statewide data. Older LEA numbers are combined with LSS numbers in this dataset.

lss_name Local school system (LSS) names (typically same as county name). "State" is used in place of a LSS name for statewide data. Older LEA names are combined with LSS names in this dataset.

Source

MSDE Data Downloads

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bcpss_student_mobility

BCPSS Student Mobility (SY 2003-2022)

Description

Student mobility data from the Maryland State Department of Education (MSDE). A subset of the marylandedu::msde_student_mobility dataset.

Usage

bcpss_student_mobility

Format

A data frame with 5586 rows and 14 variables:

year School or academic year for enrollment count, e.g. 2019 data is from the start of the 2019-2020 school year.

school_number School number as integer (0 indicates all schools)

school_name School name

school_type School type (e.g. Elementary, Middle, High)

mobile_pct Student total mobility rate

entry_pct Student entry mobility rate

exit_pct Student exit mobility rate

mobile_count Sudent entry and exit count

entry_count Student entry count

exit_count Student exit count

avg_enrolled_count Average daily student enrollment.

date_created Date record created.

lss_number Local school system (LSS) number as integer. NA is used in place of a LSS number for statewide data. Older LEA numbers are combined with LSS numbers in this dataset.

lss_name Local school system (LSS) names (typically same as county name). "State" is used in place of a LSS name for statewide data. Older LEA names are combined with LSS names in this dataset.

Source

MSDE Data Downloads

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bcps_es_zones_SY2021   *Baltimore City Public School Elementary School Attendance Zones (SY 2020-2021)*

Description

Boundaries for Baltimore City Public School elementary school attendance zones for the 2020-2021 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_es_zones_SY2021
```

Format

A data frame with 96 rows and 5 variables:

zone_number Program zone number

zone_name Program zone name

program_number Program number (school number)

program_name_short Program name (short)

geometry Multipolygon geometry for zone boundaries

Source

https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/BCPSZones_2021/FeatureServer/0

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bcps_es_zones_SY2122   *Baltimore City Public School Elementary School Attendance Zones (SY 2021-2022)*

Description

Boundaries for Baltimore City Public School elementary school attendance zones for the 2021-2022 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_es_zones_SY2122
```

Format

A data frame with 92 features and 5 variables:

zone_number Program zone number

zone_name Program zone name

program_number Program number (school number)

program_name_short Program name (short)

geometry Multipolygon geometry for zone boundaries

Source

[https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/BCPSZones_2122/](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/BCPSZones_2122/FeatureServer/0)
[FeatureServer/0](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/BCPSZones_2122/FeatureServer/0)

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bcps_es_zones_SY2223   *Baltimore City Public School Elementary School Attendance Zones*
(SY 2022-2023)

Description

Boundaries for Baltimore City Public School elementary school attendance zones for the 2022-2023
school year. The program_number variable is equivalent to the school_number variable used in the
demographic and survey datasets.

Usage

bcps_es_zones_SY2223

Format

A data frame with 92 rows and 9 variables:

zone_number Program zone number

zone_name Program zone name

program_number Program number (school number)

program_name_short Program name (short)

ms_feeder Flag for elementary school programs that feed into a middle school

lower_grades Description for lower grades

upper_grades Description for higher grades (identifying middle school that the elementary feeds
into if appropriate)

quadrant Quadrant of Baltimore City

geometry Multipolygon geometry for zone boundaries

Source

[https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Elementary_](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Elementary_Zones/FeatureServer/21)
[Zones/FeatureServer/21](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Elementary_Zones/FeatureServer/21)

bcps_programs_SY1920   *Baltimore City Public School Program Locations (SY 2019-2020)*

Description

Locations for Baltimore City Public School buildings for the 2019-2020 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_programs_SY1920
```

Format

A data frame with 174 rows and 11 variables:

program_number Program number (school number)

program_name Program name

program_name_short Program name (short)

grade_band Grade band for program

management_type School management type

swing Logical indicator for program at swing site

swing_building_number Building number for swing site

colocated Logical indicator for programs colocated with another program

council_district Baltimore City Council District Number

legislative_district Maryland Legislative District

geometry Point geometry for program/school locations

Source

https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY1920_Building_Status_Publish/FeatureServer/0

bcps_programs_SY2021 *Baltimore City Public School Program Locations (SY 2020-2021)*

Description

Locations for Baltimore City Public School buildings and programs for the 2020-2021 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_programs_SY2021
```

Format

A data frame with 165 rows and 18 variables:

program_number Program number (school number)

program_name_short Program name (short)

grade_band Grade band for program

management_type School management type

category Grade category

swing Logical indicator for program at swing site

swing_building_number Building number for swing site

colocated Logical indicator for programs colocated with another program

two_buildings Logical indicator for programs with two buildings at one site

home_building ...

council_district Baltimore City Council District Number

legislative_district Maryland Legislative District

congressional_district U.S. Congressional District

planning_area Planning area, Baltimore City Department of Planning

quadrant Quadrant

zone_number Program zone number

zone_name Program zone name

geometry Point geometry for program/school locations

Source

https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2021_Programs/FeatureServer

bcps_programs_SY2122	*Baltimore City Public School Program Locations (SY 2021-2022)*

Description

Locations for Baltimore City Public School buildings and programs for the 2021-2022 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_programs_SY2122
```

Format

A data frame with 165 rows and 18 variables:

program_number Program number (school number)

program_name_short Program name (short)

grade_band Grade band for program

management_type School management type

category Grade category

swing Logical indicator for program at swing site

swing_building_number Building number for swing site

geometry Point geometry for program/school locations

Source

https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2122_Ezones_and_Programs/FeatureServer/11

bcps_programs_SY2223	*Baltimore City Public School Program Locations (SY 2022-2023)*

Description

Locations for Baltimore City Public School buildings and programs for the 2022-2023 school year. The program_number variable is equivalent to the school_number variable used in the demographic and survey datasets.

Usage

```
bcps_programs_SY2223
```

Format

A data frame with 159 rows and 8 variables:

program_number Program number (school number)

program_name_short Program name (short)

grade_band Grade band for program

management_type School management type

category Grade category

swing Logical indicator for program at swing site

swing_building_number Building number for swing site

geometry Point geometry for program/school locations

Source

[https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Programs/](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Programs/FeatureServer/0)
[FeatureServer/0](https://services3.arcgis.com/mbYrzb5fKcXcAMNi/ArcGIS/rest/services/SY2223_Programs/FeatureServer/0)

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bcps_surplus_schools   *Baltimore City Public Schools Surplus School Buildings*

Description

Baltimore City Public Schools Surplus School Buildings

Usage

bcps_surplus_schools

Format

A data frame with 40 rows and 15 variables:

pos Position/sort order

id Identifier

building_name Building name

primary_building_year Primary building year of construction

address Building street address

school_name School name

school_number School number

school_closure_year Year school closed

surplus_year Year surplussed

status_sy20 Status (Fall 2020)

status_sy22 Status (Fall 2022)

building_sq_ft Building interior area (square feet)

property_acres Property area (acres)

flag_property_acres Flag for properties with shared campus and inaccurate acreage

url URL for Baltimore City Surplus Schools website or related ArcGIS Feature Layer

geometry POINT geometry with building location

Source

Baltimore City Department of Planning - FeatureLayer

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educator_survey_SY1819

Baltimore City Public School Educator Survey (SY 2018-2019)

Description

The Maryland School Survey was administered for the first time in spring 2019 to students and educators. It is online only, in English and Spanish for students. Student participants were from Elementary (Grade 5), Middle (grades 6-8), and High (grades 9-11), and all instructional staff were eligible. The student participation rate was 69.9 percent overall, and the educator participation rate was 76.9 percent.

Usage

educator_survey_SY1819

Format

A data frame with 1,782 rows and 7 variables:

school_number School number

school_name School name

grade_band Grade band

respondent_grade_band Grade band of student survey respondents

respondent_count Number of student survey respondents

domain Survey domain name

topic Survey topic name

average_score Average score

Details

There were four domains and ten topics for students, and five domains and eleven topics for educators. Survey results ranged from 1-10, with 10 being most favorable and 1 being least favorable. Schools with fewer than 10 respondents overall or in any topic were excluded from relevant district averages. Cells with an asterisk (*) denote less than 10 students or educators in the summary group. Consequently, all data for that group are suppressed. Survey results are included as an indicator of School Quality and Student Success in the Maryland School Report Card (10 of 100 points: 7 from the student survey, 3 from the educator survey).

Source

<https://www.baltimorecityschools.org/data>

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enrollment_demographics_SY1920

Baltimore City Public Schools Enrollment and Demographic data (SY 2019-2020)

Description

Total enrollment and demographic characteristics for Baltimore City public school students including data aggregated by grade, grade band, school, and citywide for the 2019-2020 school year.

Usage

enrollment_demographics_SY1920

Format

A data frame with 2,243 rows and 19 variables:

school_number School number

school_name School name

management_type School management type

grade_band Grade band (factor)

grade Grade (factor)

grade_range Grade range (factor)

total_enrollment Total Enrollment

percent_male Percent Males

percent_female Percent Females

percent_direct_certification Percent Direct Certification

percent_swd Percent Students with Disabilities (SWD)

percent_el Percent English Learner (EL)

percent_non_hispanic_black Percent Non-Hispanic Black

percent_non_hispanic_white Percent Non-Hispanic White

percent_hispanic Percent Hispanic

percent_non_hispanic_asian Percent Non-Hispanic Asian

percent_non_hispanic_american_indian Percent Non-Hispanic American Indian

percent_non_hispanic_pacific_islander Percent Non-Hispanic Pacific Islander

percent_non_hispanic_multiracial Percent Non-Hispanic Multiracial

Details

For variables with percentages, a value of 0.05 may represent <=5% rather than 5% and a value of 0.95 may represent >=95% rather than 95%.

Source

<https://www.baltimorecityschools.org/data>

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enrollment_demographics_SY1920_long

Baltimore City Public Schools Enrollment and Demographic data long (SY 2019-2020)

Description

Total enrollment and demographic characteristics for Baltimore City public school students including data aggregated by grade, grade band, school, and citywide for the 2019-2020 school year. Long format version is based on the enrollment_demographics_SY1920 data with an additional label column based on the original Excel sheet column names.

Usage

enrollment_demographics_SY1920_long

Format

A data frame with 26,916 rows and 10 variables:

school_number School number

school_name School name

management_type School management type

grade_band Grade band

grade Grade

grade_range Grade range

total_enrollment Total Enrollment

variable Variable

share Percent of Total Enrollment

label Variable label

Source

<https://www.baltimorecityschools.org/data>

---

enrollment_demographics_SY2021

Baltimore City Public Schools Enrollment and Demographic data (SY 2020-2021)

Description

Total enrollment and demographic characteristics for Baltimore City public school students includ-
ing data aggregated by grade, grade band, school, and citywide for the 2020-2021 school year.

Usage

enrollment_demographics_SY2021

Format

A data frame with 2,192 rows and 19 variables:

school_number School number

school_name School name

management_type School management type

grade_band Grade band (factor)

grade Grade (factor)

grade_range Grade range (factor)

total_enrollment Total Enrollment

percent_male Percent Male

percent_female Percent Female

percent_direct_certification Percent Direct Certification

percent_swd Percent Students with Disabilities (SWD)

percent_el Percent English Learner (EL)

percent_non_hispanic_black Percent Non-Hispanic Black

percent_non_hispanic_white Percent Non-Hispanic White

percent_hispanic Percent Hispanic

percent_non_hispanic_asian Percent Non-Hispanic Asian

percent_non_hispanic_american_indian Percent Non-Hispanic American Indian

percent_non_hispanic_pacific_islander Percent Non-Hispanic Native Hawaiian or Other Pa-
    cific Islander

percent_non_hispanic_multiracial Percent Non-Hispanic Multiracial

Details

For variables with percentages, a value of 0.05 may represent <=5% rather than 5% and a value of 0.95 may represent >=95% rather than 95%.

Source

<https://www.baltimorecityschools.org/data>

---

enrollment_demographics_SY2122

Baltimore City Public Schools Enrollment and Demographic data (SY 2021-2022)

Description

Total enrollment and demographic characteristics for Baltimore City public school students including data aggregated by grade, grade band, school, and citywide for the 2021-2022 school year.

Usage

enrollment_demographics_SY2122

Format

A data frame with 2,153 rows and 20 variables:

school_number School number

school_name School name

management_type School management type

grade_band Grade band (factor)

grade Grade (factor)

grade_range Grade range (factor)

total_enrollment Total Enrollment

percent_male Percent Male

percent_female Percent Female

percent_nonbinary Percent Nonbinary

percent_direct_certification Percent Direct Certification

percent_swd Percent Students with Disabilities (SWD)

percent_el Percent English Learner (EL)

percent_non_hispanic_black Percent Non-Hispanic Black

percent_non_hispanic_white Percent Non-Hispanic White

percent_hispanic Percent Hispanic

percent_non_hispanic_asian Percent Non-Hispanic Asian

percent_non_hispanic_american_indian Percent Non-Hispanic American Indian

percent_non_hispanic_pacific_islander Percent Non-Hispanic Native Hawaiian or Other Pa-
    cific Islander

percent_non_hispanic_multiracial Percent Non-Hispanic Multiracial

Details

The column percent_non_hispanic_pacific_islander is named Percent non-Hispanic Hawai-
ian and Other Pacific Islander in the source but is renamed to match the prior two years of data.
This data also includes a 'percent_nonbinary column that is not present in prior years.

For variables with percentages, a value of 0.05 may represent <=5% rather than 5% and a value of
0.95 may represent >=95% rather than 95%.

Source

https://www.baltimorecityschools.org/data

---

enrollment_msde_SY0919

Enrolled students by school and grade (SY 2009-2019)

Description

Enrollment data from the Maryland State Department of Education (MSDE). Raw CSV data files
with the full state enrollment data are available in the inst/extdata folder. The number of enrolled
students includes ungraded special education and pre-kindergarten students. Variable definitions are
based on the definitions from the MSDE website.

Usage

enrollment_msde_SY0919

Format

A data frame with 16,763 rows and 6 variables:

school_year School or academic year for enrollment count, e.g. 2019 data is from the start of the
    2019-2020 school year.

school_number School number (0 indicates all schools)

school_name School name

enrolled_count Number of students registered to attend the school as of September 30 in the
    grade or grade range

grade Grades from Prekindergarden (PK) to Grade 12

grade_range Elementary school, middle school, high school, or all grades (total enrollment)

Source

MSDE Data Downloads

| kra_results_SY1920 | *MSDE Kindergarten Readiness Assessment (KRA) results for Baltimore City Public Schools (SY 2019-2020)* |

Description

As of 2018-19, students who are not scored (NS) in all items still receive a composite score and readiness level. NS is applied when an item requires demonstration of a skill (e.g., hopping), and the child is not able to respond due to a disability that restricts or prevents participating in the skill being assessed. A NS rating would not be appropriate when the response to the item reflects a child's functioning at an earlier developmental level and their ability to respond is not affected by a disability; in this instance the appropriate rating would be "0" since the child could access the item, but did not demonstrate the skill. See MSDE: KRA 2018-19 Technical Report, January 2019. Consistent with MSDE's reporting, aggregates exclude students with some incomplete items, and include students with not scorable (NS) items. Missing values include data that has been suppressed due to a group size of less than 10 students.

Children whose readiness skills and behaviors are "approaching" or "emerging" overall require instructional support to be successful in kindergarten and beyond. Reports of KRA data prior to the 2018-19 administration have readiness level assigned for each of the four domains (Literacy, Math, Social Foundations, and Physical Development). Since last year's administration, readiness levels are no longer reported for individual domains, and only an overall or composite readiness level is reported. This is why this data file does not resemble previous releases of KRA data. Details on the KRA assessment and changes to the test can be found at `https://pd.kready.org/r4kmaryland`.

Usage

```
kra_results_SY1920
```

Format

A data frame with 1604 rows and 13 variables:

school_number School number (0 indicates all schools)

school_name School name

student_group Student group (includes "All Students")

group_type Student group type

num_tested_scored_overall Number of test takers with overall scores

avg_scale_score Average KRA scale score

perc_emerging_readiness Percent of test takers in Emerging Readiness category. Emerging readiness: Student demonstrates limited foundational skills and behaviors that prepare him or her for curriculum based on Maryland College and Career-Ready kindergarten standards.

perc_approaching_readiness Percent of test takers in Approaching Readiness category. Approaching readiness: Student demonstrates some foundational skills and behaviors that prepare him or her for curriculum based on Maryland College and Career-Ready kindergarten standards.

perc_demonstrating_readiness Percent of test takers in Demonstrating Readiness category. Demonstrating readiness: Student demonstrates foundational skills and behaviors that prepare him or her for curriculum based on Maryland College and Career-Ready kindergarten standards.

avg_language_and_literacy_score Average score in Literacy domain

avg_math_score Average score in KRA Math domain

avg_physical_development_score Average score in Physical Development domain

avg_social_foundations_score Average score in Social Foundations domain

Source

[BCPSS Public 2019-20 KRA School Level Results](#)

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nces_school_directory_SY1920

National Center for Education Statistics (NCES) School Directory (SY 2019-2020)

Description

NCES Directory listing for Baltimore City Schools including school addresses, phone numbers, and NCES numbers.

Usage

    nces_school_directory_SY1920

Format

A data frame with 167 rows and 10 variables:

school_year School year

school_number School number

school_name School name

grade_band Grade band (school type)

address Street address

city City

state State

zip Zipcode

phone Phone number

nces_number NCES number

Source

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parent_survey_SY1819   *Baltimore City Public School Parent Survey Results (SY 2018-2019)*

Description

Results from the Baltimore City Public School Parent Survey administered during the for the 2018-2029 school year. Data includes composite scores and responses to selected questions school.

Usage

```
parent_survey_SY1819
```

Format

A data frame with 169 rows and 54 variables:

school_number School number

school_name School name

management_type School management type

grade_band Grade band

parent_response_count Total parent survey responses

est_num_parents Estimated number of eligible parents

est_response_rate Estimate parent response rate

administration_dimension_score Administration Dimension Score

creativity_the_arts_dimension_score Creativity & the Arts Dimension Score

physical_environment_dimension_score Physical Environment Dimension Score

learning_climate_dimension_score Learning Climate Dimension Score

family_involvement_dimension_score Family Involvement Dimension Score

school_resources_dimension_score School Resources Dimension Score

safety_dimension_score Safety Dimension Score

satisfaction_with_school_dimension_score Satisfaction with School Dimension Score

grit_dimension_score Grit Dimension Score

overall Overall Score

district_office_dimension_score District Office Dimension Score

admin_1_the_school_administration_promptly_responds_to_my_concerns The school administration promptly responds to my concerns

admin_9_parents_have_the_opportunity_to_give_input_into_the_school_s_decisions Parents have the opportunity to give input into the school's decisions

creative_1_student_work_in_the_arts_is_displayed_or_presented_in_my_child_s_school
Student work in the arts is displayed or presented in my child's school

environ_1_the_school_building_is_clean_and_well_maintained The school building is clean
and well maintained

learn_13_teachers_care_about_their_students Teachers care about their students

learn_14_i_feel_my_child_feels_like_i_belong_at_this_school I feel (My child feels)
like I belong at this school

learn_18_this_school_prepares_students_for_college_or_to_have_a_career This school
prepares students for college or to have a career

learn_19_if_students_break_rules_there_are_fair_consequences If students break rules,
there are fair consequences

parent_1_parents_or_guardians_are_welcome_at_this_school Parents or guardians are wel-
come at this school

parent_11_parents_can_use_resources_at_my_child_s_school_when_school_is_not_in_session
Parents can use resources at my child's school when school is not in session

parent_12_i_know_how_to_access_information_about_how_my_child_is_performing_in_school_e_g_parent_po
I know how to access information about how my child is performing in school e.g., Parent Por-
tal

parent_18_the_school_sends_me_information_in_my_native_language The school sends me
information in my native language

parent_19_i_feel_that_my_input_into_my_child_s_education_is_valued I feel that my in-
put into my child's education is valued

parent_20_my_child_s_school_can_connect_me_to_resources_in_the_community My child's
school can connect me to resources in the community

parent_21_the_school_notifies_me_when_my_child_misses_school The school notifies me
when my child misses school

parent_23_my_child_s_school_regularly_communicates_with_parents_about_how_they_can_help_their_child
My child's school regularly communicates with parents about how they can help their children
learn

parent_3_when_a_student_does_something_good_at_school_the_parents_are_informed When
a student does something good at school, the parents are informed

parent_4_when_a_student_does_something_bad_at_school_the_parents_are_informed When
a student does something bad at school, the parents are informed

parent_5_school_staff_work_closely_with_parents_to_meet_students_needs School staff
work closely with parents to meet students' needs

resource_17_students_have_the_opportunity_to_take_books_home_from_this_school Students
have the opportunity to take books home from this school

resource_7_teachers_provide_extra_academic_help_to_students_who_need_it Teachers
provide extra academic help to students who need it

resource_9_this_school_has_programs_to_support_students_emotional_and_social_development
This school has programs to support students' emotional and social development

safe_12_students_feel_safe_at_this_school Students feel safe at this school

`safe_13_students_feel_safe_going_to_and_from_school` Students feel safe going to and from school

`satisfy_11_overall_i_am_satisfied_with_my_child_s_school` Overall, I am satisfied with my child's school

`satisfy_12_i_would_recommend_this_school_to_others` I would recommend this school to others

`grit_6_i_encourage_my_child_to_keep_working_at_difficult_tasks_until_he_she_figures_them_out` I encourage my child to keep working at difficult tasks until he/she figures them out

`value_1_regular_on_time_attendance_is_important_to_my_child_s_success_in_school` Regular, on-time attendance is important to my child's success in school

`parent_read_2_i_read_with_my_child_at_least_once_a_month` I read with my child at least once a month

`parent_talk_2_i_ask_my_child_what_he_she_did_at_school_at_least_once_a_month` I ask my child what he/she did at school at least once a month

`district_office_1_if_you_called_the_district_office_within_the_last_year_how_satisfied_were_you_ove` If you called the District Office within the last year, how satisfied were you overall with the support you received?

`district_office_2_if_you_visited_district_headquarters_within_the_last_year_how_satisfied_were_you_` If you visited District Headquarters within the last year, how satisfied were you overall with the services you requested?

`transportation_how_does_your_child_usually_get_to_school_walk` Transportation: How does your child usually get to school? Walk

`transportation_how_does_your_child_usually_get_to_school_school_bus` Transportation: How does your child usually get to school? School Bus

`transportation_how_does_your_child_usually_get_to_school_mta_bus` Transportation: How does your child usually get to school? MTA Bus

`transportation_how_does_your_child_usually_get_to_school_car` Transportation: How does your child usually get to school? Car

Source

https://www.baltimorecityschools.org/data

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parent_survey_SY1819_long

Baltimore City Public School Parent Survey Results (SY 2018-2019) - long format

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Description

Results from the Baltimore City Public School Parent Survey administered during the for the 2018-2029 school year. Data includes composite scores and responses to selected questions school. Long format version is based on the `parent_survey_SY1819` data with an additional `label` column based on the original Excel sheet column names.

Usage

```
parent_survey_SY1819_long
```

Format

A data frame with 7,943 rows and 10 variables:

school_number School number

school_name School name

management_type School management type

grade_band School grade band

parent_response_count Number of parent survey responses

est_num_parents Estimated number of eligible parents

est_response_rate Estimated parent response rate

variable Unique slug for composite score or question

value Value of composite score or share of parents responding affirmatively to question

label Variable label for composite score or question

Source

<https://www.baltimorecityschools.org/data>

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student_survey_SY1819 *Baltimore City Public School Student Survey (SY 2018-2019)*

Description

The Maryland School Survey was administered for the first time in spring 2019 to students and educators. It is online only, in English and Spanish for students. Student participants were from Elementary (Grade 5), Middle (grades 6-8), and High (grades 9-11), and all instructional staff were eligible. The student participation rate was 69.9 percent overall, and the educator participation rate was 76.9 percent.

Usage

```
student_survey_SY1819
```

Format

A data frame with 17,380 rows and 9 variables:

school_number School number

school_name School name

grade_band School grade band

respondent_grade_band Grade band of student survey respondents

respondent_count Number of student survey respondents

respondent_group Summary group of respondents

domain Survey domain name

topic Survey topic name

average_score Average score

Details

There were four domains and ten topics for students, and five domains and eleven topics for educators. Survey results ranged from 1-10, with 10 being most favorable and 1 being least favorable. Schools with fewer than 10 respondents overall or in any topic were excluded from relevant district averages. Cells with an asterisk (*) denote less than 10 students or educators in the summary group. Consequently, all data for that group are suppressed. Survey results are included as an indicator of School Quality and Student Success in the Maryland School Report Card (10 of 100 points: 7 from the student survey, 3 from the educator survey).

Student respondent summary groups include: Students with Disabilities (SWD) ("Special Education Services" in MSDE file): Indicates students who have current Individualized Education Plans (IEPs) and are receiving special education services. English Learner (EL): English Learners, students who have a primary or home language other than English and have been assessed as having limited or no ability to understand, speak, or read English. Economically Disadvantaged (ED): Indicates students who have been identified as enrolled in a direct certification program. Direct certification is based on a student's Supplemental Nutrition Assistance Program (SNAP), Homeless, Foster care, or Temporary Assistance for Needy Families (TANF) status. ED is the new terminology used to refer to students historically identified as low-income or Free and Reduced Meals (FARMS) students under the Every Student Succeeds Act (ESSA).

Source

https://www.baltimorecityschools.org/data

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