

## DATA NOTES

### DATA TIMEFRAME

All data, including enrollment and academic data, is from the 2021-2022 academic year unless otherwise noted.

### DEFINITIONS

1. Each “cluster” and “feeder pattern” is defined by MNPS “School Communities 2021-2022” cluster pathways available online here:  
<http://mnps.ss13.sharpschool.com/common/pages/DisplayFile.aspx?itemId=36532859>.
2. Charter Schools—Charter schools are MNPS authorized public schools but operated autonomously. LEAD Brick Church and LEAD Neely’s Bend are operated by the state-run Achievement School District. KIPP Antioch College Elementary and Middle Prep and Nashville Collegiate Prep are run by the Tennessee State Board of Education.
3. The Achievement School District— The state-run school district was created to provide support and interventions to Tennessee’s lowest-performing schools.
4. Traditional Schools—All children are zoned to a neighborhood public school and are guaranteed a seat in that school.
5. Magnet Schools—MNPS-run, non-zoned schools that are designed around specific focus areas.
6. Non-zoned schools— MNPS-run schools located inside the cluster zone, but not accessible through the traditional feeder pattern. These are magnet schools, Alternative Learning Centers (ALCs), Adult Learning Centers, and non-traditional schools.
7. Reward School— Identified by the state, Reward status was the top distinction a school could earn in Tennessee in 2021-22 for improving student growth and achievement.
8. Priority School — Schools that fall in the bottom 5% percent statewide, based on up to three years of TNReady performance. These schools have been identified by the state as those most in need of comprehensive support and improvement.
9. Ready Graduate— The State of Tennessee identifies a Ready Graduate as a student who graduated on time in 2021 and met criteria related to college and career readiness, such as a score of 21+ on the ACT, success in military placement tests, or industry certification exams coupled with college-level courses. These rates also include students who participate in four college-level courses while in high school.
10. Chronic Absenteeism— Chronic absenteeism rates represent the percentage of students who missed at least 10 percent of the days they were enrolled in a school during one school year.
11. Student Suspension Rates— Suspension rates represent the percentage of students receiving an out of school suspension at least once during one school year.
12. Economically Disadvantaged — As defined by the State of Tennessee, this includes all students who are directly certified to receive free lunch without the need to complete the household application.
13. English Language Learners: The U.S. Department of Education defines an EL as a student “who comes from an environment where a language other than English has had a significant impact on the individual’s level of English language proficiency (and) whose difficulties in speaking, reading, writing, or understanding the English language may be sufficient to deny the individual:
  - the ability to meet the state’s proficient level of achievement on state assessments,

- the ability to successfully achieve in classrooms where the language of instruction is English, or
- the opportunity to participate fully in society.”

Students classified as EIs are entitled to services specifically designed to improve their English proficiency, which is needed for EIs to access the Tennessee Academic Standards.

14. “N/A”— When the percentage of students is below 5%, or above 95%, the state suppresses the data because it could be identifiable for students. We can understand that the percentage of students “on track” or “mastered” is below 5 percent and therefore unavailable.
15. “All MNPS” and “TN” labels include data for traditional schools as well as magnet schools, Alternative Learning Centers (ALCs), Adult Learning Centers, non-traditional schools, and district-run charter schools.
16. The “MNPS Traditional Schools” aggregation includes schools managed by Metro Nashville Public Schools (MNPS) excluding charter schools, academic magnet schools, Alternative Learning Centers (ALCs), Adult Learning Centers, and non-traditional schools.
17. The “Charter Schools” aggregation includes all charter schools run by MNPS. Schools run by the state run Achievement School District and those run by the Tennessee Board of Education are excluded.

#### DATA SOURCES & CALCULATIONS

1) TNReady: TNReady achievement data sets were sourced from the Tennessee Department of Education (TDOE) and can be found at <https://www.tn.gov/education/districts/federal-programs-and-oversight/data/data-downloads.html>. Data for individual schools can be found on the State Report Card at [https://www.tn.gov/content/dam/tn/education/accountability/2021-22/2022\\_school\\_assessment\\_file\\_suppressed\\_upd8-19.xlsx](https://www.tn.gov/content/dam/tn/education/accountability/2021-22/2022_school_assessment_file_suppressed_upd8-19.xlsx)

2) Third Grade ELA: The English Language Arts (ELA) proficiency rate indicates the proportion of valid tests for which students scored on track or mastered on one of the English language arts assessments. Sourced from the Tennessee Department of Education (TDOE).

3) Tennessee Value-Added Assessment System (TVAAS): TVAAS is a statistical method used to measure the influence of a district, school, or teacher on the academic progress of students over time, as measured by TNReady assessments. The measure results in the assignment of a student academic growth rating ranging from 1 to 5 for each school and district. Levels 4 and 5 indicate there is evidence that a school or district exceeded the expected growth. While Level 3 indicates students in a school or district demonstrated expected growth, and levels 1 and 2 indicate that there is evidence that a school or district made less than the expected growth. These scores are from the 2021-2022 school year.

TVAAS growth data sets were sourced from the TDOE website. The full data set can be found here: [https://www.tn.gov/content/dam/tn/education/accountability/2021-22/2022\\_tvaas\\_school\\_composite.xlsx](https://www.tn.gov/content/dam/tn/education/accountability/2021-22/2022_tvaas_school_composite.xlsx)

4) Chronic Absenteeism: Chronic absenteeism data was sourced from the TNDOE website here:

[https://www.tn.gov/content/dam/tn/education/accountability/2021-22/school\\_chronic\\_absenteeism\\_suppressed\\_upd8-19.xlsx](https://www.tn.gov/content/dam/tn/education/accountability/2021-22/school_chronic_absenteeism_suppressed_upd8-19.xlsx)

5) Student Suspension Rates: Suspension rates for individual schools were last updated in 2018-19. This data can be found on the Data Downloads at

[https://www.tn.gov/content/dam/tn/education/data/discipline/discipline\\_201819.xlsx](https://www.tn.gov/content/dam/tn/education/data/discipline/discipline_201819.xlsx)

6) Enrollment: Enrollment numbers were pulled from MNPS Download site as of 1/13/2022. Data for individual schools can be found <https://mnpsutilities.mnps.org/Public/OpenData/Download/39>

7) Demographics: Information on student groups including students from various race and ethnic backgrounds, English Learners (EL), economically disadvantaged students (ED), and Students with Disabilities (SWD) can be found at <https://www.tn.gov/content/dam/tn/education/data/school-profile-2021-2022-updated-2022-12-06.xlsx>

8) Student Attrition: Attrition rates were calculated using data from the Annenberg Formative Data Report provided by MNPS. The most recent is from 2018-19. The calculation used to determine attrition is below.

Total Number of Exits/ (Enrollment +Total Exits)

9) Teacher Retention: Teacher retention data was provided by MNPS for all MNPS-managed schools. Charter data was self-reported. This data was last updated in 2018-19.

10) Ready Graduate: Ready Graduate data was sourced from the TNDOE website here:

[https://www.tn.gov/content/dam/tn/education/accountability/2022/ready\\_graduate\\_school\\_suppressed\\_upd\\_91222.xlsx](https://www.tn.gov/content/dam/tn/education/accountability/2022/ready_graduate_school_suppressed_upd_91222.xlsx)

11) Graduation Rate: Graduation rate data was sourced from the TNDOE website here:

[https://www.tn.gov/content/dam/tn/education/data/2021-22\\_school\\_grad\\_rate\\_suppressed.xlsx](https://www.tn.gov/content/dam/tn/education/data/2021-22_school_grad_rate_suppressed.xlsx)

12) ACT averages: ACT data was sourced from the TNDOE website here:

[https://www.tn.gov/content/dam/tn/education/data/2021-22\\_ACT\\_school\\_suppressed.xlsx](https://www.tn.gov/content/dam/tn/education/data/2021-22_ACT_school_suppressed.xlsx)

#### UNAVAILABLE DATA

All MNPS cluster calculations include schools that have available data for that metric. At times, select metrics for some schools were unavailable on the TN Report Card or in the MNPS provided data for the following reasons.

1. The data did not exist. For example, schools that do not serve tested grades would not have data for TNReady or TVAAS, and recently opened schools would not have multi-year data for teacher retention.
2. The metric reflected the performance of fewer than 10 students. When fewer than 10 students in a school are used to calculate a metric, data is not displayed due to privacy protections.
3. In instances where the outcome for a metric was less than 5% or greater than 95%, the data was suppressed. This suppression occurs for privacy reasons. For example, if only 3% of students scored "On Track or Mastered" on TNReady assessments in a school you could point to almost any student in the school and know he or she was not on track. This would pose a threat to student privacy.