

# State Assessment Report

Report of School Year 2021-22 Results  
January 2023



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The State Assessment report is produced annually by the **SSD Evaluation and Research Division**.

## Description

The State Assessment Results report summarizes state accountability assessment results and trends. The report analyzes District performance on the academic assessment component of the Missouri School Improvement Program (MSIP) accountability framework. Reporting and analysis of SSD student performance on state accountability assessments allows for identification of District trends, accomplishments, and opportunities for improvement.

## Results Summary

- The percentages of students performing in the Basic range or better, across all test types, in school year 2021-22 were **30%** in **ELA**, **16.7%** in **math**, **25.6%** in **science**, and **85.2%** in **social studies**.
- Corresponding to its full-day program phase-out, the number of North Tech students participating in the state assessment was markedly fewer in 2021-22. Given that full-day North Tech students as a group have scored better than students attending other SSD schools and programs historically, the proportional decrease in tech school participants had the statistical effect of reducing the percentage of students performing in the Basic range or better relative to the prior year, independent of any actual variation in student test performance. When North Tech results are excluded, 2021-22 results represent an improvement over 2020-21 in all content areas with the exception of science.
- Among students who participate in the MAP-A alternative assessment, the percentage achieving a result categorized as Basic or better continues to be low (**18.9%** in **ELA**, **4.7%** in **math**, and **3.0%** in **science**), though the ELA result increased relative to 2020-21.
- The performance of Black students was comparable to that of White students.
- Students who were eligible for the Free and Reduced Lunch (FRL) program tended to perform in the Basic range or better at lower rates on the grade-level MAP and EOC test formats, but at higher rates on the MAP-A test format, relative to students who were ineligible for FRL.

## Interpretive Guidance

- Students whose state assessment results contribute to accountability ratings include those that take the grade-level MAP at grades 3-8; those that take the MAP-Alternative (MAP-A) assessments at grades 3-8 and 11<sup>1</sup>; and secondary students who take a required End-of-Course (EOC) exam. The required EOCs include English II (English Language Arts), Algebra I or Algebra II (math), Biology (science), and Government (social studies). The point in time a particular EOC is taken during high school (or in some cases middle school) is typically dictated by when the associated course is taken.
- SSD schools resumed in-person instruction in 2021-22 after having implemented and/or offered families the option of virtual instruction over substantial portions of the 2020-21 school year. Administration of state assessments resumed in school year 2020-21 after being cancelled in school year 2019-20 due to COVID-related school closures. With respect to school year 2020-21 results, the Department of Elementary and Secondary Education (DESE) cautioned that, "Results this year should not be viewed in the same way as in other years", and advised that districts should not use results to make certain high-stakes decisions or use/interpret results without considering the learning environment and other contextual factors. Thus comparisons between 2020-21 and 2021-22 results should be made with caution.
- The full-day option at North Tech is in the process of being phased out and will be unavailable as of school year 2023-24. Only full-day (and not half-day) CTE students take EOCs that SSD is accountable for. Given the phase-out, the number of North Tech students taking EOCs has decreased. Full-day enrollment was 279 (based on October count) in school year 2020-21 (and comprised 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grade students), but only 118 in school year 2021-22 (comprising only 11<sup>th</sup> and 12<sup>th</sup> grade students).<sup>2</sup> Correspondingly, the number of state test results associated with North Tech has also declined. While there were 36, 8, 59, and

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<sup>1</sup> SSD requires the DLM (i.e., MAP-A) assessment be completed with students in grades 9 and 10 as well, though their scores are not "accountable" nor do they appear in the DESE student test file, and thus they are omitted from this report.

<sup>2</sup> As of October 2022, there were only 39 full-day students attending North Tech, all 12<sup>th</sup> graders. Thus District state assessment performance in school year 2022-23 will be based almost entirely on results from students attending SSD schools and programs other than CTE.

96 results for ELA, math, science, and social studies EOCs, respectively, in 2020-21, there were 0, 2, 30, and 71 results respectively for those same EOCs in 2021-22. As a result of these changes to the student testing population, the proportional contribution of scores from SSD schools and programs other than North Tech to overall District results increased in school year 2021-22. Because proficiency rates are historically higher for students attending North Tech, this trend will likely have the statistical effect of reducing proficiency rates for the District as a whole to some degree in the short term.

- School year 2021-22 FRL results are based on “direct certification” of FRL eligibility for individual students. This is in contrast to results from previous years whereby students who received FRL under the Community Eligibility Provision (even when the family did not meet the income threshold for the program) were identified as eligible for FRL in the MAP dataset. This change allows for more accurate comparison of students on the basis of the family income relative to the FRL threshold.<sup>3</sup>
- DESE establishes cut scores (i.e., the scores for a given test that determine achievement level) for state assessments. Established cut scores were based on stakeholder review, measurement considerations, and public input.
- The Dynamic Learning Maps (DLM)<sup>4</sup> serves as the alternative assessment (MAP-A) in the content areas of ELA, math, and science. MAP-A scores are reported only for students in grade 11 at the secondary school level. Therefore, the number of reportable scores for special education secondary schools is relatively small, and test outcomes for these schools are less representative of all students that are eligible for MAP-A relative to SSD’s K-8 schools, where all students in grades 3-8 are assessed.
- This report includes results for all students assessed who had a valid score. Note that MSIP accountability formula calculations exclude some students, namely those who had attended the district for less than a year at the time of testing.

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<sup>3</sup> 100% of students attending Ackerman, Litzsinger, Northview and North Tech are eligible for FRL through the USDA Community Eligibility Provision.

<sup>4</sup> Per the Missouri DESE website, “The Dynamic Learning Maps™ (DLM) project offers an innovative way for all students with significant cognitive disabilities to demonstrate their learning throughout the school year via the DLM Alternate Assessment System. The traditional multiple choice and status collection of data in portfolio methods of testing do not always allow students with significant cognitive disabilities to fully demonstrate their knowledge. By integrating assessment with instruction during the year and providing a year-end assessment, the DLM system maps student learning aligned with college and career readiness standards in English language arts and mathematics.” Note that the DLM achievement categories of Emerging, Approaching the Target, At Target, and Advanced differ somewhat from the traditional state assessment achievement categories of Below Basic, Basic, Proficient, and Advanced. Further information about DLM can be found at <http://dynamiclearningmaps.org/missouri> and <http://dese.mo.gov/college-career-readiness/assessment/map-a>.

## Detailed Results

### Data/Reporting Element 1: Performance Level Results

**Performance/Effectiveness Question(s) These Data Inform:** What proportion of students performed at each achievement level (Below Basic, Basic, Proficient, or Advanced) on the state accountability assessments? How do SSD results compare to those statewide? How does performance compare to that from prior years?

The charts below display the proportion of students performing at each achievement level in school years 2020-21 and 2021-22 for the District overall as well as for the District *excluding* scores from North Tech. Results for each SSD school can be found in **Appendix A**. State-level results for grade-level assessments and EOCs are available in **Appendix B**.<sup>5</sup>

#### Key Trends

- Across all three assessment types (i.e., grade-level MAP, EOC, and MAP-A), **30%** of students performed in the Basic range or better in the **ELA** content area in school year 2021-22. Although this percentage is lower relative to school year 2020-21, when North Tech results are excluded, the percent of students whose scores fell in the Basic range or better is higher relative to the previous year.
- **16.7%** of students performed in the Basic range or better in the **math** content area in 2021-22. This percentage is slightly higher relative to school year 2020-21, and nearly 2 percentage points higher when North Tech results are excluded.
- **25.6%** of students scored in the Basic range or better in the content area of **science** in 2021-22. This percentage is considerably lower (9.9 percentage points) compared to the 2020-21 results, though the discrepancy is less (4.9 percentage points) when North Tech scores are excluded.
- **85.2%** of students scored in the Basic range or better in the content area of **social studies** in 2021-22. Although this percentage is lower relative to school year 2020-21, when North Tech results are excluded, the percent of students whose scores fell in the Basic range or better is improved relative to the previous year.

### SSD State Assessment Results

#### District-level Results by Content Area

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

| Content Area          | Year | Below Basic | Basic       | Proficient | Advanced |
|-----------------------|------|-------------|-------------|------------|----------|
| English Language Arts | 2022 | 70.0% (268) | 24.3% (93)  | 3.7% (14)  | 2.1% (8) |
|                       | 2021 | 66.3% (266) | 23.9% (96)  | 8.7% (35)  | 1.0% (4) |
| Mathematics           | 2022 | 83.3% (324) | 13.1% (51)  | 1.8% (7)   | 1.8% (7) |
|                       | 2021 | 84.0% (304) | 12.7% (46)  | 3.3% (12)  |          |
| Science               | 2022 | 74.4% (148) | 15.6% (31)  | 9.0% (18)  | 1.0% (2) |
|                       | 2021 | 64.5% (156) | 22.3% (54)  | 9.9% (24)  | 3.3% (8) |
| Social Studies        | 2022 | 14.8% (19)  | 67.2% (86)  | 18.0% (23) |          |
|                       | 2021 | 11.9% (17)  | 71.3% (102) | 16.1% (23) | 0.7% (1) |

Source: DESE Student Test File

<sup>5</sup> While provided as a reference point, statewide results, including results specific to students with IEPs, represent a less-than-ideal comparison for SSD given that SSD's student population includes mostly students with significant disabilities, many of whom qualify to take the alternative assessment.

## SSD State Assessment Results

### District-level Results by Content Area EXCLUDING NORTH TECH

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

| Content Area   | Year | Below Basic | Basic      | Proficient | Advanced |
|----------------|------|-------------|------------|------------|----------|
| ELA            | 2022 | 70.0% (268) | 24.3% (93) | 3.7% (14)  | 2.1% (8) |
|                | 2021 | 72.6% (265) | 21.1% (77) | 5.5% (20)  | 0.8% (3) |
| Mathematics    | 2022 | 83.2% (322) | 13.2% (51) | 1.8% (7)   | 1.8% (7) |
|                | 2021 | 85.0% (301) | 12.1% (43) | 2.8% (10)  |          |
| Science        | 2022 | 85.2% (144) | 9.5% (16)  | 5.3% (9)   |          |
|                | 2021 | 80.3% (147) | 13.7% (25) | 4.9% (9)   | 1.1% (2) |
| Social Studies | 2022 | 28.1% (16)  | 66.7% (38) | 5.3% (3)   |          |
|                | 2021 | 34.0% (16)  | 61.7% (29) | 2.1% (1)   | 2.1% (1) |

Source: DESE Student Test File

## Data/Reporting Element 2: Performance Level Results by Test Type

**Performance and Effectiveness Question(s) These Data Inform:** How did student performance on the state assessments vary by test type (Grade-level MAP vs. MAP-A vs. EOC)? Are results more favorable for certain test types or for specific subject areas?

The chart below displays 2020-21 and 2021-22 results disaggregated by assessment format. Individual school results by assessment type can be found in **Appendix A**.

### Key Trends

- **Grade-level MAP** (students in grades 3-8):
  - **38.0%** of students assessed performed in the Basic range or better in 2021-22 in the **ELA** content area. This is a somewhat higher percentage relative to 2020-21 (36.2%).
  - **27.8%** of students assessed performed in the Basic range or better in 2021-22 in the **math** content area. This is higher relative to 2020-21 (21.4%).
  - **28.6%** of students assessed performed in the Basic range or better in 2021-22 in the **science** content area. This is a higher percentage in comparison to 2020-21 (24.6%).
- **MAP-A**<sup>6</sup> (students in grade 3-8, and 11):
  - **18.9%** of students assessed performed in the Basic range or better in 2021-22 in the **ELA** content area. This is higher than the percentage of students who scored Basic or better in 2020-21 (13.6%).
  - **4.7%** of students assessed performed in the Basic range or better in 2021-22 in the **math** content area. This is a similar percentage relative to 2020-21 (4.6%).
  - **3.0%** of students assessed performed in the Basic range or better in 2021-22 in the **science** content area. This is a lower percentage in comparison to 2020-21 (5.7%).

<sup>6</sup> When reviewing school-level results, keep in mind that MAP-A is accountable only for 11<sup>th</sup> graders only in high schools, so year-to-year comparisons are of separate cohorts, and the number of students tested at the secondary level for accountability purposes tends to be small.

- **EOC** (students in grades 9-12):
  - **33.3%** of students assessed performed in the Basic range or better in 2021-22 on the **ELA** EOC. This is a significantly lower percentage relative to 2020-21 (52.2%). However, when North Tech scores are excluded (data not shown), the proportion Basic or better improved 11.1 percentage points in 2021-22.
  - **11.1%** of students assessed performed in the Basic range or better in 2021-22 on the **math** EOC. This is a lower percentage relative to 2020-21 (19.3%). However, when North Tech scores are excluded (data not shown), the percent Basic or better is just slightly lower relative to 2020-21 (11.5% vs. 12.2%).
  - **44.3%** of students assessed performed in the Basic range or better in 2021-22 on the **science** EOC, which is substantially lower than 2020-21 (62.5%). Results in 2021-22 were also less favorable relative to 2020-21 when North Tech scores were excluded (12.5% Basic or higher in 2021-22 vs. 33.3% Basic or Higher in 2020-21; data not shown).
  - **85.2%** of students assessed performed in the Basic range or better in 2021-22 on the **social studies** EOC, modestly lower than in 2020-21 (88.1%). Excluding North Tech (data not shown), the percentage Basic or better was higher in 2021-22 (71.9%) relative to 2020-21 (66.0%).

## SSD State Assessment Results

### District-level Results by Test Type

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

| Content Area   | Year | Test Type | Below Basic | Basic       | Proficient | Advanced |
|----------------|------|-----------|-------------|-------------|------------|----------|
| ELA            | 2022 | EOC       | 66.7% (32)  | 29.2% (14)  | 4.2% (2)   |          |
|                |      | MAP       | 62.0% (116) | 28.3% (53)  | 5.3% (10)  | 4.3% (8) |
|                |      | MAPA      | 81.1% (120) | 17.6% (26)  | 1.4% (2)   |          |
|                | 2021 | EOC       | 47.8% (44)  | 31.5% (29)  | 19.6% (18) | 1.1% (1) |
|                |      | MAP       | 63.8% (127) | 26.1% (52)  | 8.5% (17)  | 1.5% (3) |
|                |      | MAPA      | 86.4% (95)  | 13.6% (15)  |            |          |
| Mathematics    | 2022 | EOC       | 88.9% (48)  | 7.4% (4)    | 1.9% (1)   | 1.9% (1) |
|                |      | MAP       | 72.2% (135) | 21.4% (40)  | 3.2% (6)   | 3.2% (6) |
|                |      | MAPA      | 95.3% (141) | 4.7% (7)    |            |          |
|                | 2021 | EOC       | 80.7% (46)  | 15.8% (9)   | 3.5% (2)   |          |
|                |      | MAP       | 78.6% (154) | 16.3% (32)  | 5.1% (10)  |          |
|                |      | MAPA      | 95.4% (104) | 4.6% (5)    |            |          |
| Science        | 2022 | EOC       | 55.7% (39)  | 27.1% (19)  | 14.3% (10) | 2.9% (2) |
|                |      | MAP       | 71.4% (45)  | 17.5% (11)  | 11.1% (7)  |          |
|                |      | MAPA      | 97.0% (64)  | 1.5% (1)    | 1.5% (1)   |          |
|                | 2021 | EOC       | 37.5% (39)  | 40.4% (42)  | 16.3% (17) | 5.8% (6) |
|                |      | MAP       | 75.4% (52)  | 13.0% (9)   | 8.7% (6)   | 2.9% (2) |
|                |      | MAPA      | 94.2% (65)  | 4.3% (3)    | 1.4% (1)   |          |
| Social Studies | 2022 | EOC       | 14.8% (19)  | 67.2% (86)  | 18.0% (23) |          |
|                | 2021 | EOC       | 11.9% (17)  | 71.3% (102) | 16.1% (23) | 0.7% (1) |

Source: DESE Student Test File

Note. MAP-A results include scores for grades 3-8, and 11.

## Data/Reporting Element 3: Demographic Group Results

**Performance and Effectiveness Question(s) These Data Inform:** How did students in different race categories perform on the assessment? How did students who are eligible for the Free and Reduced Lunch (FRL) program perform on the assessment?

Disaggregation of state assessment results by DESE race category and FRL eligibility appears in the charts below for SSD special education schools and programs. Please refer to the interpretive guidance on page 4 regarding the change in FRL reporting initiated with the 2021-22 MAP results.

### Key Trends

- **Black students** performed in the Basic range or better (across all test types) at the following rates in 2021-22: ELA **31.9%**; math **17.3%**; science **31.3%**; and social studies **83.7%**. Excluding North Tech results, the percentages were 31.9%, 17.4%, 14.8%, and 63.6%, respectively.
- **White students** performed in the Basic range or better at the following rates in 2021-22: ELA **27.5%**; math **17.9%**; science **14.3%**; and social studies **90.3%**. Excluding North Tech results, the percentages were 27.5%, 17.9%, 12.9%, and 87.0%, respectively.
- **Students identified in race categories other than Black or White** (including Multi-race) performed in the Basic range or better at the following rates in 2021-22: ELA **27.6%**; math **6.9%**; science **28.6%**; and social studies **80.0%**. Excluding North Tech results, the percentages were 27.6%, 6.9%, 21.1%, and 0%, respectively. In some cases, the number of students from this group who took a given test was as low as five or fewer.
- **Students who met eligibility criteria for FRL** performed in the Basic range or better at the following rates in 2021-22: ELA **26.8%**; math **19.0%**; science **21.7%**; and social studies **78%**. Excluding North Tech results, the percentages were the same in ELA and Math, 11.1% in science, and 63.0% in social studies. Students who were eligible for FRL program tended to perform in the Basic range or better at lower rates on the grade-level MAP and EOC test formats, but at higher rates on the MAP-A test format, relative to students who were ineligible for FRL.



## SSD State Assessment Results

### 2022 District-level Results by Student Race Category

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

| Race   | Content Area   | Test Type | Below Basic | Basic       | Proficient | Advanced  |          |
|--|----------------|-----------|-------------|-------------|------------|-----------|----------|
| <b>Black</b>   | ELA            | All Tests | 68.1% (147) | 27.3% (59)  | 2.8% (6)   | 1.9% (4)  |          |
|  |                | EOC       | 75.0% (21)  | 25.0% (7)   |            |           |          |
|  |                | MAP       | 65.3% (81)  | 28.2% (35)  | 3.2% (4)   | 3.2% (4)  |          |
|  |                | MAPA      | 70.3% (45)  | 26.6% (17)  | 3.1% (2)   |           |          |
|  | Mathematics    | All Tests | 82.7% (182) | 13.2% (29)  | 1.8% (4)   | 2.3% (5)  |          |
|  |                | EOC       | 96.9% (31)  | 3.1% (1)    |            |           |          |
|  |                | MAP       | 74.2% (92)  | 18.5% (23)  | 3.2% (4)   | 4.0% (5)  |          |
|  |                | MAPA      | 92.2% (59)  | 7.8% (5)    |            |           |          |
|  | Science        | All Tests | 68.7% (79)  | 19.1% (22)  | 11.3% (13) | 0.9% (1)  |          |
|  |                | EOC       | 54.0% (27)  | 28.0% (14)  | 16.0% (8)  | 2.0% (1)  |          |
|  |                | MAP       | 70.7% (29)  | 19.5% (8)   | 9.8% (4)   |           |          |
|  |                | MAPA      | 95.8% (23)  |             | 4.2% (1)   |           |          |
|  | Social Studies | All Tests | 16.3% (15)  | 69.6% (64)  | 14.1% (13) |           |          |
|  |                | EOC       | 16.3% (15)  | 69.6% (64)  | 14.1% (13) |           |          |
|  | <b>White</b>   | ELA       | All Tests   | 72.5% (100) | 19.6% (27) | 5.8% (8)  | 2.2% (3) |
|  |                |           | EOC         | 50.0% (7)   | 35.7% (5)  | 14.3% (2) |          |
| MAP  |                |           | 58.6% (34)  | 25.9% (15)  | 10.3% (6)  | 5.2% (3)  |          |
| MAPA   |                |           | 89.4% (59)  | 10.6% (7)   |            |           |          |
| Mathematics  |                | All Tests | 82.1% (115) | 14.3% (20)  | 2.1% (3)   | 1.4% (2)  |          |
|  |                | EOC       | 68.8% (11)  | 18.8% (3)   | 6.3% (1)   | 6.3% (1)  |          |
|  |                | MAP       | 69.0% (40)  | 25.9% (15)  | 3.4% (2)   | 1.7% (1)  |          |
|  |                | MAPA      | 97.0% (64)  | 3.0% (2)    |            |           |          |
| Science  |                | All Tests | 85.7% (54)  | 9.5% (6)    | 4.8% (3)   |           |          |
|  |                | EOC       | 61.5% (8)   | 23.1% (3)   | 15.4% (2)  |           |          |
|  |                | MAP       | 83.3% (15)  | 11.1% (2)   | 5.6% (1)   |           |          |
|  |                | MAPA      | 96.9% (31)  | 3.1% (1)    |            |           |          |
| Social Studies   |                | All Tests | 9.7% (3)    | 64.5% (20)  | 25.8% (8)  |           |          |
|  |                | EOC       | 9.7% (3)    | 64.5% (20)  | 25.8% (8)  |           |          |
| <b>Race other than Black or White including Multi-race</b> |                | ELA       | All Tests   | 72.4% (21)  | 24.1% (7)  |           | 3.4% (1) |
|  |                |           | EOC         | 66.7% (4)   | 33.3% (2)  |           |          |
|  | MAP            |           | 20.0% (1)   | 60.0% (3)   |            | 20.0% (1) |          |
|  | MAPA           |           | 88.9% (16)  | 11.1% (2)   |            |           |          |
|  | Mathematics    | All Tests | 93.1% (27)  | 6.9% (2)    |            |           |          |
|  |                | EOC       | 100.0% (6)  |             |            |           |          |
|  |                | MAP       | 60.0% (3)   | 40.0% (2)   |            |           |          |
|  |                | MAPA      | 100.0% (18) |             |            |           |          |
|  | Science        | All Tests | 71.4% (15)  | 14.3% (3)   | 9.5% (2)   | 4.8% (1)  |          |
|  |                | EOC       | 57.1% (4)   | 28.6% (2)   |            | 14.3% (1) |          |
|  |                | MAP       | 25.0% (1)   | 25.0% (1)   | 50.0% (2)  |           |          |
|  |                | MAPA      | 100.0% (10) |             |            |           |          |
|  | Social Studies | All Tests | 20.0% (1)   | 40.0% (2)   | 40.0% (2)  |           |          |
|  |                | EOC       | 20.0% (1)   | 40.0% (2)   | 40.0% (2)  |           |          |

Source: DESE Student Test File



## SSD State Assessment Results

### 2022 District-level Results by Direct Certification of Free and Reduced Lunch Eligibility

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

| FRL Direct Cert | Content Area     | Test Type | Below Basic | Basic       | Proficient | Advanced |          |
|-----------------|------------------|-----------|-------------|-------------|------------|----------|----------|
| Eligible FRL    | ELA              | All Tests | 73.2% (134) | 21.3% (39)  | 2.7% (5)   | 2.7% (5) |          |
|                 |                  | EOC       | 82.6% (19)  | 17.4% (4)   |            |          |          |
|                 |                  | MAP       | 69.4% (77)  | 22.5% (25)  | 3.6% (4)   | 4.5% (5) |          |
|                 |                  | MAPA      | 77.6% (38)  | 20.4% (10)  | 2.0% (1)   |          |          |
|                 | Mathematics      | All Tests | 81.0% (149) | 15.2% (28)  | 2.7% (5)   | 1.1% (2) |          |
|                 |                  | EOC       | 95.8% (23)  |             | 4.2% (1)   |          |          |
|                 |                  | MAP       | 73.0% (81)  | 21.6% (24)  | 3.6% (4)   | 1.8% (2) |          |
|                 |                  | MAPA      | 91.8% (45)  | 8.2% (4)    |            |          |          |
|                 | Science          | All Tests | 78.3% (65)  | 9.6% (8)    | 10.8% (9)  | 1.2% (1) |          |
|                 |                  | EOC       | 63.3% (19)  | 20.0% (6)   | 13.3% (4)  | 3.3% (1) |          |
|                 |                  | MAP       | 78.8% (26)  | 6.1% (2)    | 15.2% (5)  |          |          |
|                 |                  | MAPA      | 100.0% (20) |             |            |          |          |
|                 | Social Studies   | All Tests | 22.0% (11)  | 62.0% (31)  | 16.0% (8)  |          |          |
|                 |                  | EOC       | 22.0% (11)  | 62.0% (31)  | 16.0% (8)  |          |          |
|                 | Not Eligible FRL | ELA       | All Tests   | 67.0% (134) | 27.0% (54) | 4.5% (9) | 1.5% (3) |
|                 |                  |           | EOC         | 52.0% (13)  | 40.0% (10) | 8.0% (2) |          |
| MAP             |                  |           | 51.3% (39)  | 36.8% (28)  | 7.9% (6)   | 3.9% (3) |          |
| MAPA            |                  |           | 82.8% (82)  | 16.2% (16)  | 1.0% (1)   |          |          |
| Mathematics     |                  | All Tests | 85.4% (175) | 11.2% (23)  | 1.0% (2)   | 2.4% (5) |          |
|                 |                  | EOC       | 83.3% (25)  | 13.3% (4)   |            | 3.3% (1) |          |
|                 |                  | MAP       | 71.1% (54)  | 21.1% (16)  | 2.6% (2)   | 5.3% (4) |          |
|                 |                  | MAPA      | 97.0% (96)  | 3.0% (3)    |            |          |          |
| Science         |                  | All Tests | 71.6% (83)  | 19.8% (23)  | 7.8% (9)   | 0.9% (1) |          |
|                 |                  | EOC       | 50.0% (20)  | 32.5% (13)  | 15.0% (6)  | 2.5% (1) |          |
|                 |                  | MAP       | 63.3% (19)  | 30.0% (9)   | 6.7% (2)   |          |          |
|                 |                  | MAPA      | 95.7% (44)  | 2.2% (1)    | 2.2% (1)   |          |          |
| Social Studies  |                  | All Tests | 10.3% (8)   | 70.5% (55)  | 19.2% (15) |          |          |
|                 |                  | EOC       | 10.3% (8)   | 70.5% (55)  | 19.2% (15) |          |          |

Source: DESE Student Test File

## Data/Reporting Element 4: Student Growth

**Performance and Effectiveness Question(s) These Data Inform:** To what extent did students improve their performance on the grade-level assessment in comparison to expectations based on prior performance?

For students in grades 4-8 who take the grade-level MAP, DESE calculates a normalized score that reflects the relative position of a student's performance in relationship to others who took the test in their grade that same year. DESE also projects what each student's performance might be in a given year based on their prior year performance and several other factors. This allows the state to estimate the extent to which an individual student performed better or worse than their "expected" score relative to same-grade peers in a given year. This metric is used to determine the growth points districts and schools earn per the accountability formula. The data also allow districts to examine the extent to which students made normative gains from year to year beyond that predicted based on past performance.

**School year 2021-22 student growth data were not yet available at the time this report was produced.**

## **Appendix A Results by School**

## SSD State Assessment Results

### 2022 Results by School / Site

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

|            |             | Below Basic | Basic       | Proficient | Advanced  |           |
|------------|-------------|-------------|-------------|------------|-----------|-----------|
| Ackerman   | ELA         | All Tests   | 63.3% (81)  | 28.1% (36) | 4.7% (6)  | 3.9% (5)  |
|            |             | MAP         | 54.8% (46)  | 33.3% (28) | 6.0% (5)  | 6.0% (5)  |
|            |             | MAPA        | 79.5% (35)  | 18.2% (8)  | 2.3% (1)  |           |
|            | Mathematics | All Tests   | 76.0% (98)  | 16.3% (21) | 3.9% (5)  | 3.9% (5)  |
|            |             | MAP         | 64.7% (55)  | 23.5% (20) | 5.9% (5)  | 5.9% (5)  |
|            |             | MAPA        | 97.7% (43)  | 2.3% (1)   |           |           |
|            | Science     | All Tests   | 67.5% (27)  | 22.5% (9)  | 10.0% (4) |           |
|            |             | MAP         | 53.6% (15)  | 32.1% (9)  | 14.3% (4) |           |
|            |             | MAPA        | 100.0% (12) |            |           |           |
| Litzsinger | ELA         | All Tests   | 72.0% (67)  | 23.7% (22) | 4.3% (4)  |           |
|            |             | MAP         | 67.4% (31)  | 26.1% (12) | 6.5% (3)  |           |
|            |             | MAPA        | 76.6% (36)  | 21.3% (10) | 2.1% (1)  |           |
|            | Mathematics | All Tests   | 86.0% (80)  | 12.9% (12) |           | 1.1% (1)  |
|            |             | MAP         | 78.3% (36)  | 19.6% (9)  |           | 2.2% (1)  |
|            |             | MAPA        | 93.6% (44)  | 6.4% (3)   |           |           |
|            | Science     | All Tests   | 95.7% (22)  | 4.3% (1)   |           |           |
|            |             | MAP         | 90.9% (10)  | 9.1% (1)   |           |           |
|            |             | MAPA        | 100.0% (12) |            |           |           |
| Southview  | ELA         | All Tests   | 60.4% (29)  | 29.2% (14) | 4.2% (2)  | 6.3% (3)  |
|            |             | MAP         | 42.9% (12)  | 39.3% (11) | 7.1% (2)  | 10.7% (3) |
|            |             | MAPA        | 85.0% (17)  | 15.0% (3)  |           |           |
|            | Mathematics | All Tests   | 75.0% (36)  | 22.9% (11) | 2.1% (1)  |           |
|            |             | MAP         | 57.1% (16)  | 39.3% (11) | 3.6% (1)  |           |
|            |             | MAPA        | 100.0% (20) |            |           |           |
|            | Science     | All Tests   | 76.5% (13)  | 5.9% (1)   | 17.6% (3) |           |
|            |             | MAP         | 60.0% (6)   | 10.0% (1)  | 30.0% (3) |           |
|            |             | MAPA        | 100.0% (7)  |            |           |           |

Source: DESE Student Test File

## SSD State Assessment Results

### 2022 Results by School / Site

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

|                |                | Below Basic | Basic       | Proficient | Advanced  |           |
|----------------|----------------|-------------|-------------|------------|-----------|-----------|
| Neuwoehner     | ELA            | All Tests   | 88.2% (15)  | 11.8% (2)  |           |           |
|                |                | EOC         | 83.3% (5)   | 16.7% (1)  |           |           |
|                |                | MAPA        | 90.9% (10)  | 9.1% (1)   |           |           |
|                | Mathematics    | All Tests   | 94.4% (17)  | 5.6% (1)   |           |           |
|                |                | EOC         | 85.7% (6)   | 14.3% (1)  |           |           |
|                |                | MAPA        | 100.0% (11) |            |           |           |
|                | Science        | All Tests   | 90.0% (18)  |            | 10.0% (2) |           |
|                |                | EOC         | 90.0% (9)   |            | 10.0% (1) |           |
|                |                | MAPA        | 90.0% (9)   |            | 10.0% (1) |           |
|                | Social Studies | All Tests   | 44.4% (4)   | 33.3% (3)  | 22.2% (2) |           |
|                |                | EOC         | 44.4% (4)   | 33.3% (3)  | 22.2% (2) |           |
|                | Northview      | ELA         | All Tests   | 75.9% (22) | 24.1% (7) |           |
| EOC            |                |             | 75.0% (12)  | 25.0% (4)  |           |           |
| MAPA           |                |             | 76.9% (10)  | 23.1% (3)  |           |           |
| Mathematics    |                | All Tests   | 93.1% (27)  | 6.9% (2)   |           |           |
|                |                | EOC         | 100.0% (16) |            |           |           |
|                |                | MAPA        | 84.6% (11)  | 15.4% (2)  |           |           |
| Science        |                | All Tests   | 90.9% (20)  | 9.1% (2)   |           |           |
|                |                | EOC         | 88.9% (8)   | 11.1% (1)  |           |           |
|                |                | MAPA        | 92.3% (12)  | 7.7% (1)   |           |           |
| Social Studies |                | All Tests   | 27.3% (6)   | 72.7% (16) |           |           |
|                |                | EOC         | 27.3% (6)   | 72.7% (16) |           |           |
| Southview High |                | ELA         | All Tests   | 81.3% (13) | 6.3% (1)  | 12.5% (2) |
|                | EOC            |             | 50.0% (3)   | 16.7% (1)  | 33.3% (2) |           |
|                | MAPA           |             | 100.0% (10) |            |           |           |
|                | Mathematics    | All Tests   | 85.7% (12)  | 7.1% (1)   |           | 7.1% (1)  |
|                |                | EOC         | 50.0% (2)   | 25.0% (1)  |           | 25.0% (1) |
|                |                | MAPA        | 100.0% (10) |            |           |           |
|                | Science        | All Tests   | 100.0% (10) |            |           |           |
|                |                | MAPA        | 100.0% (10) |            |           |           |
|                | Social Studies | All Tests   | 16.7% (1)   | 66.7% (4)  | 16.7% (1) |           |
|                |                | EOC         | 16.7% (1)   | 66.7% (4)  | 16.7% (1) |           |

Source: DESE Student Test File

## SSD State Assessment Results

### 2022 Results by School / Site

No assessments were administered in school year 2020. New social studies assessments were administered in 2021. Results shown include student scores that do not contribute to accountability ratings (e.g., students attending the district for less than one academic year). Excludes assessment invalidations.

|                |                |           | Below Basic | Basic      | Proficient | Advanced |
|----------------|----------------|-----------|-------------|------------|------------|----------|
| North Tech     | Mathematics    | All Tests | 100.0% (2)  |            |            |          |
|                |                | EOC       | 100.0% (2)  |            |            |          |
|                | Science        | All Tests | 13.3% (4)   | 50.0% (15) | 30.0% (9)  | 6.7% (2) |
|                |                | EOC       | 13.3% (4)   | 50.0% (15) | 30.0% (9)  | 6.7% (2) |
|                | Social Studies | All Tests | 4.2% (3)    | 67.6% (48) | 28.2% (20) |          |
|                |                | EOC       | 4.2% (3)    | 67.6% (48) | 28.2% (20) |          |
| External Sites | ELA            | All Tests | 78.8% (41)  | 21.2% (11) |            |          |
|                |                | EOC       | 60.0% (12)  | 40.0% (8)  |            |          |
|                |                | MAP       | 93.1% (27)  | 6.9% (2)   |            |          |
|                |                | MAPA      | 66.7% (2)   | 33.3% (1)  |            |          |
|                | Mathematics    | All Tests | 92.9% (52)  | 5.4% (3)   | 1.8% (1)   |          |
|                |                | EOC       | 88.0% (22)  | 8.0% (2)   | 4.0% (1)   |          |
|                |                | MAP       | 100.0% (28) |            |            |          |
|                |                | MAPA      | 66.7% (2)   | 33.3% (1)  |            |          |
|                | Science        | All Tests | 91.9% (34)  | 8.1% (3)   |            |          |
|                |                | EOC       | 85.7% (18)  | 14.3% (3)  |            |          |
|                |                | MAP       | 100.0% (14) |            |            |          |
|                |                | MAPA      | 100.0% (2)  |            |            |          |
| Social Studies | All Tests      | 25.0% (5) | 75.0% (15)  |            |            |          |
|                | EOC            | 25.0% (5) | 75.0% (15)  |            |            |          |

Source: DESE Student Test File

## Appendix B Statewide MAP Results

### 2022 State-level Assessment Results Including results for all students and for students with IEPs

| Type                      | Content Area   | Below Basic | Basic | Proficient | Advanced |
|---------------------------|----------------|-------------|-------|------------|----------|
| <b>Students with IEPs</b> | ELA            | 48.5%       | 37.8% | 10.3%      | 3.4%     |
|                           | Mathematics    | 64.6%       | 23.7% | 8.0%       | 3.8%     |
|                           | Science        | 57.2%       | 29.9% | 10.0%      | 3.0%     |
|                           | Social Studies | 16.4%       | 72.5% | 10.6%      | 0.5%     |
| <b>All Students</b>       | ELA            | 18.4%       | 38.4% | 27.5%      | 15.8%    |
|                           | Mathematics    | 29.4%       | 31.4% | 22.1%      | 17.1%    |
|                           | Science        | 25.1%       | 37.3% | 24.2%      | 13.5%    |
|                           | Social Studies | 5.1%        | 54.8% | 36.8%      | 3.3%     |

Source: Missouri Comprehensive Data Site <https://apps.dese.mo.gov/MCDS/Home.aspx>