

Spring 2023 MAP Results

SPC Meeting

October 9th, 2023



Missouri MAP Goals

1. 10 percentage point increase in proficient + advanced in ELA (Spring 2023 to Spring 2024)
2. 10 percentage point increase in proficient + advanced in Math (Spring 2023 to Spring 2024)

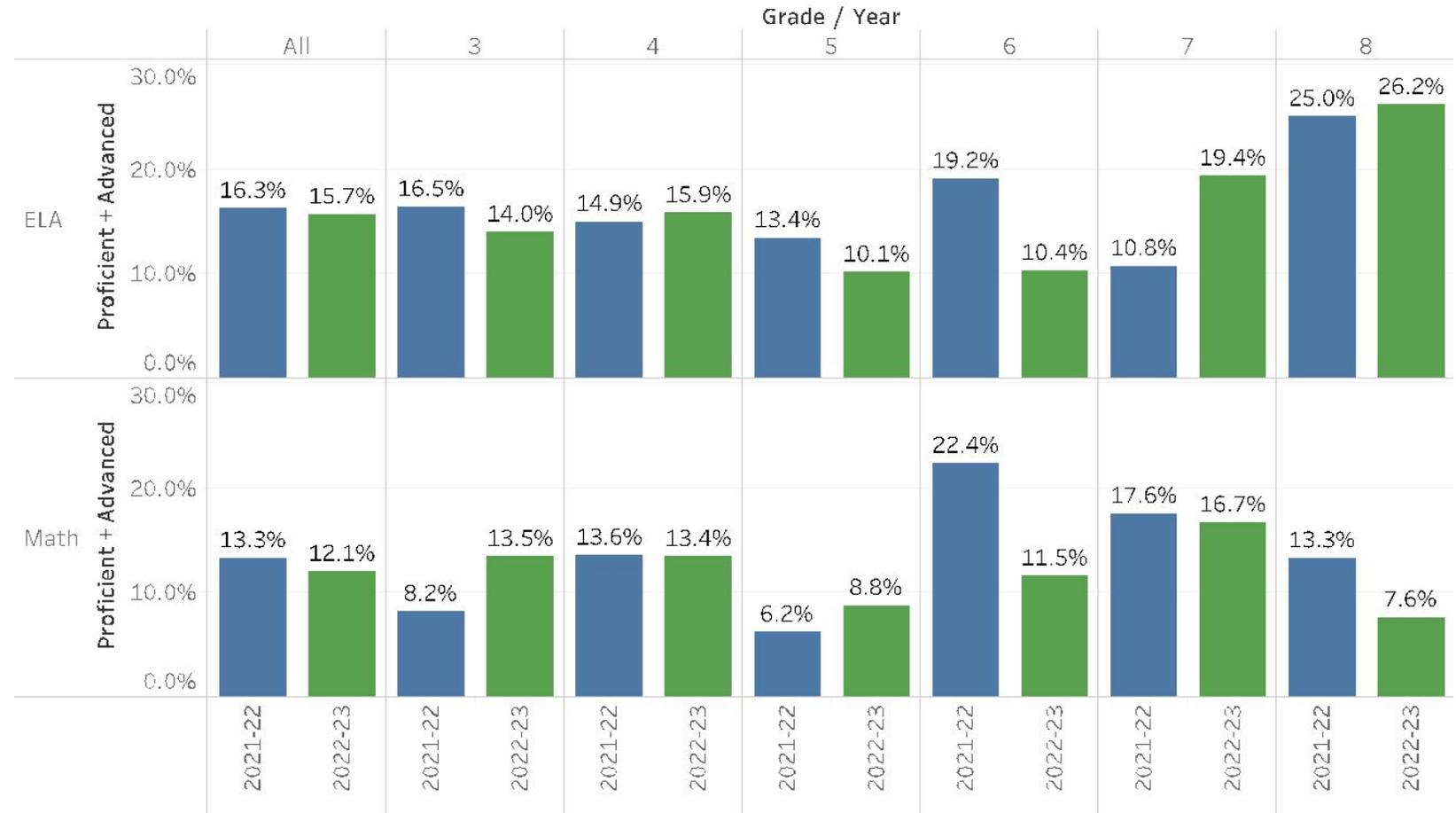
Agenda

- Regional Analysis
 - Overall
 - Year over Year (YOY)
 - Cohort Comparison
- Regional Action Steps
- Building Level Analysis
- NWEA Snapshot

2022-23 Compared to 2021-22: Overall Prof. & Adv.

From 2021-22 to 2022-23, overall region proficiency mostly stabilized.

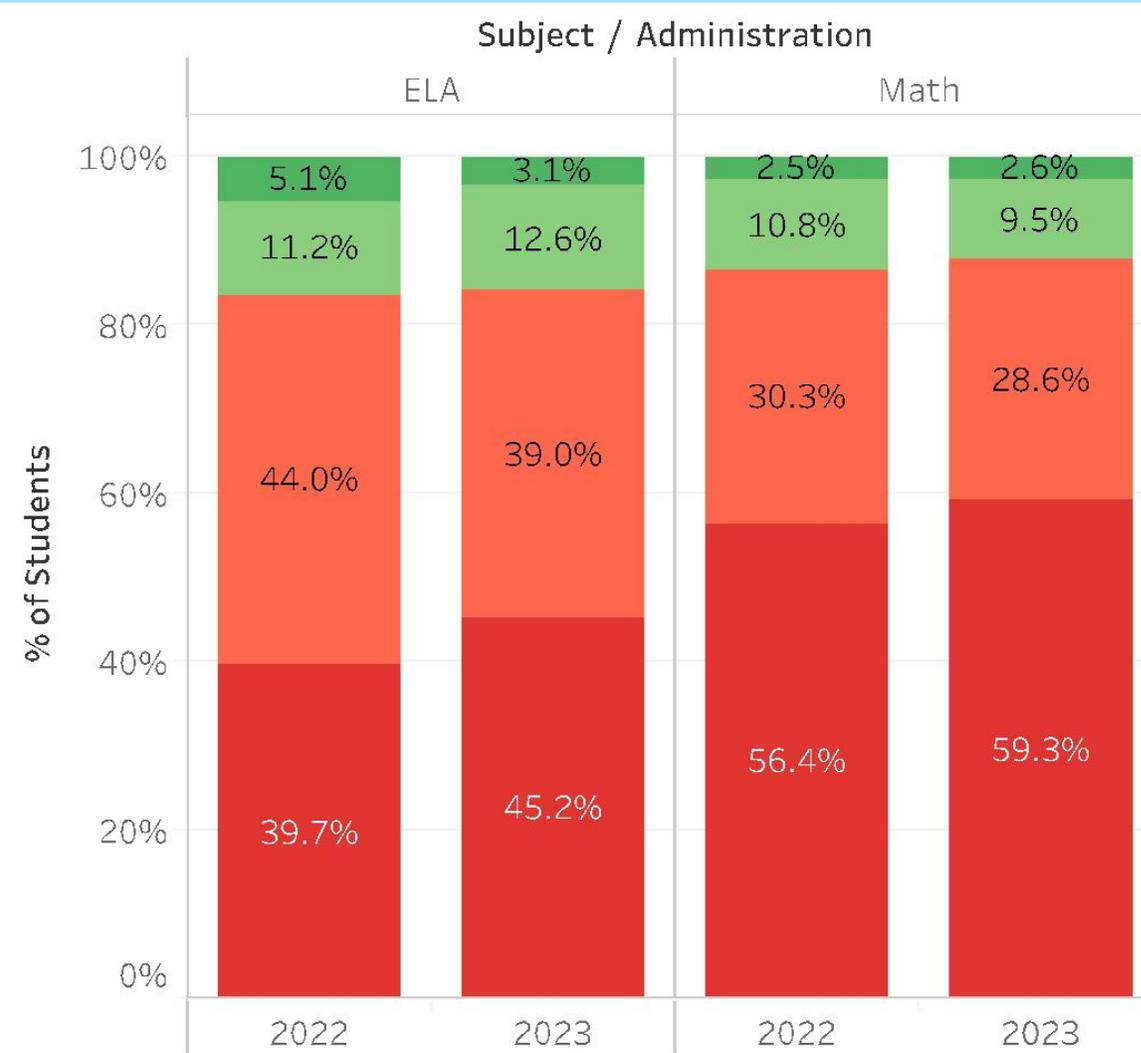
At the grade level, there was a mix of increases and decreases.



2022-23 Compared to 2021-22: Performance Levels

- Advanced
- Proficient
- Basic
- Below Basic

When viewing by performance levels across all grades, we see that the drop in proficiency also corresponds with an increase in the below-basic category in both subjects.



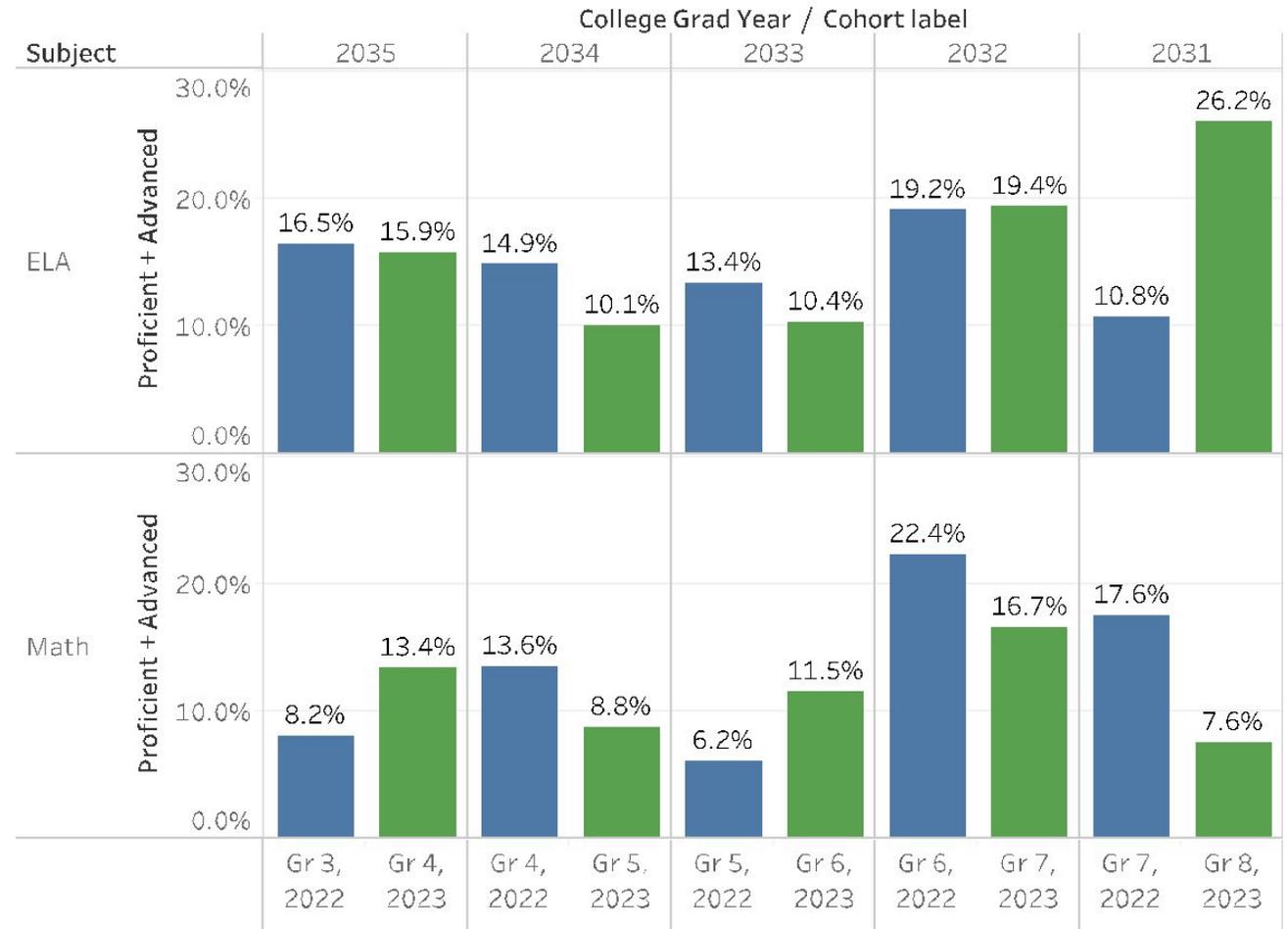
Prof. & Adv. YOY: Math

School	Grade	Subject	P+A% 18-19	P+A% 20-21	P+A% 21-22	P+A% 22-23	Increase/Decrease
Region	3	Mathematics	26%	7%	8.16%	13.5%	5.34%
Region	4	Mathematics	23%	5%	13%	13%	0%
Region	5	Mathematics	30%	5%	6.19%	8.8%	2.61%
Region	6	Mathematics	22%	10%	22.35%	11.5%	10.85%
Region	7	Mathematics	25%	9%	17.56%	16.7%	0.86%
Region	8	Mathematics	15%	18%	13.34%	7.6%	5.74%
Region	All	Mathematics	26%	7%	13.32%	12%	1.32%
TGS	All	Mathematics	30%	10%	21.15%	19.4%	1.75%
TGE	All	Mathematics	38%	14%	17.76%	9.9%	7.86%
FP	All	Mathematics	13%	1%	5.67%	8.5%	2.83%
GP	All	Mathematics	13%	3%	7.46%	6.2%	1.26%



2022-23 Compared to 2021-22: Graduating Cohorts

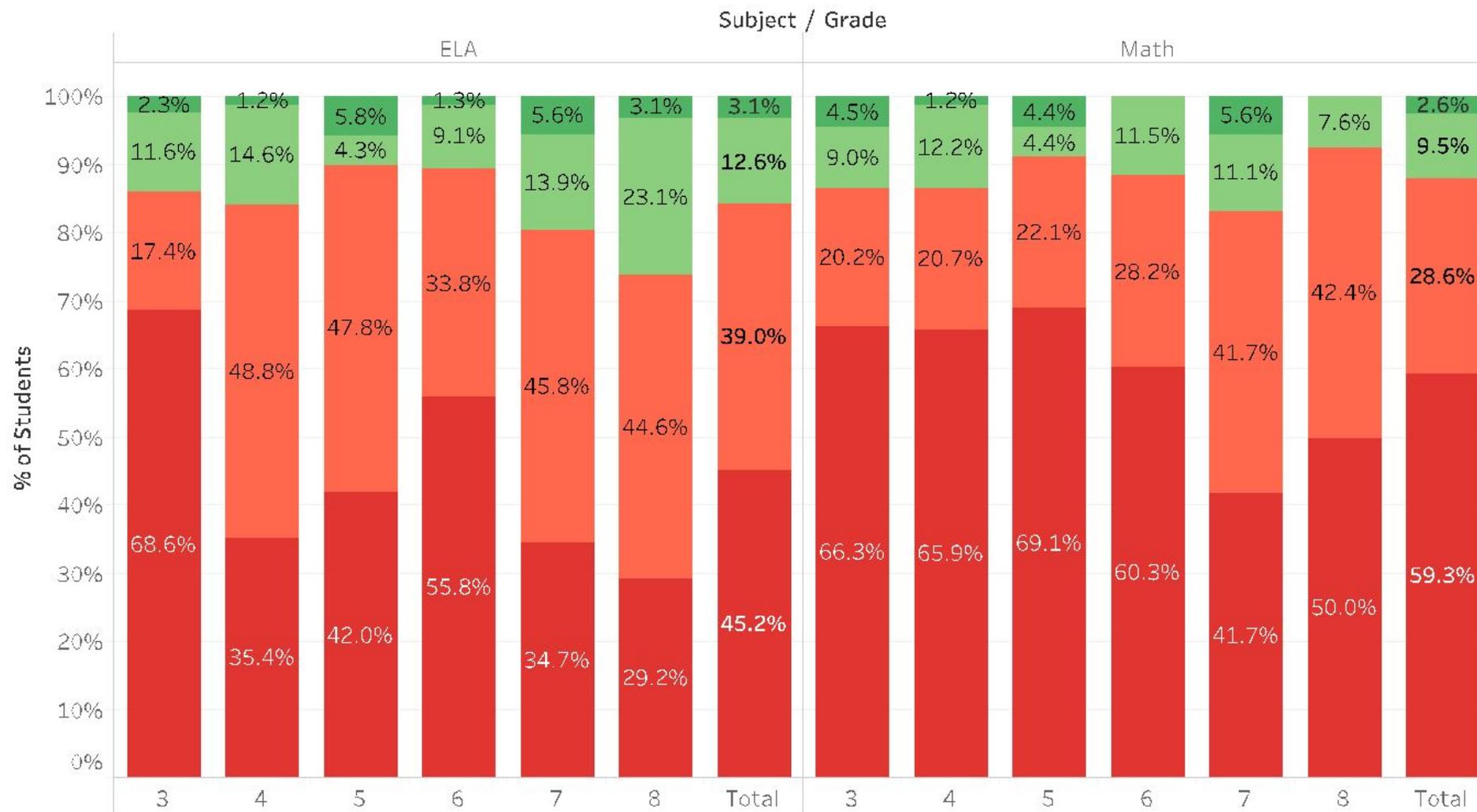
When grouping by graduating cohort across the two years, most cohorts gained proficiency in one subject while decreasing proficiency in another.



2022-23 Result detail: performance levels

- Advanced
- Proficient
- Basic
- Below Basic

Examining just 2022-23 by grade, we see that while proficiency was similar between the subjects, the lower grades in math had around 2/3 of students scoring at the 'below basic' level.



Below Basic YOY: Math

School	Grade	Subject	BB% 21-22	BB% 22-23	Increase/Decrease
Region	3	Mathematics	70.4%	66.39%	4.01%
Region	4	Mathematics	68.2%	65.9%	2.3%
Region	5	Mathematics	71.1%	69.1%	2%
Region	6	Mathematics	36.2%	60.3%	24.1%
Region	7	Mathematics	37.8%	41.7%	3.9%
Region	8	Mathematics	46.7%	50.0%	3.3%
Region	All	Mathematics	56.45%	58.8%	2.43
TGS	All	Mathematics	37.8%	43.2%	5.4%
TGE	All	Mathematics	57.0%	58.4%	1.4%
FP	All	Mathematics	67.4%	73.7%	6.3%
GP	All	Mathematics	68.2%	70.4%	2.2%

Balance Scorecard: % Prof. & Adv.

Subject	Spring 21	Spring 22	Spring 23	Spring 26 Goal
ELA	16%	16%	15%	40%
Math	7%	13%	12%	36%

<i>Subject</i>	<i>Spring 24 Goal</i>	<i>Spring 25 Goal</i>	<i>Spring 26 Goal</i>
<i>ELA</i>	<i>24%</i>	<i>33%</i>	<i>40%</i>
<i>Math</i>	<i>20%</i>	<i>28%</i>	<i>36%</i>

Regional Next Steps

1. IPP meetings in ELA and Math
 - a. PPals and/or Coaches attend meetings and conduct follow up visit
2. Data Driven Instruction Pilot: Math
3. Building Admin. Stepbacks
 - a. Beginning, Middle & End of Year

Questions?



Building Level Analysis

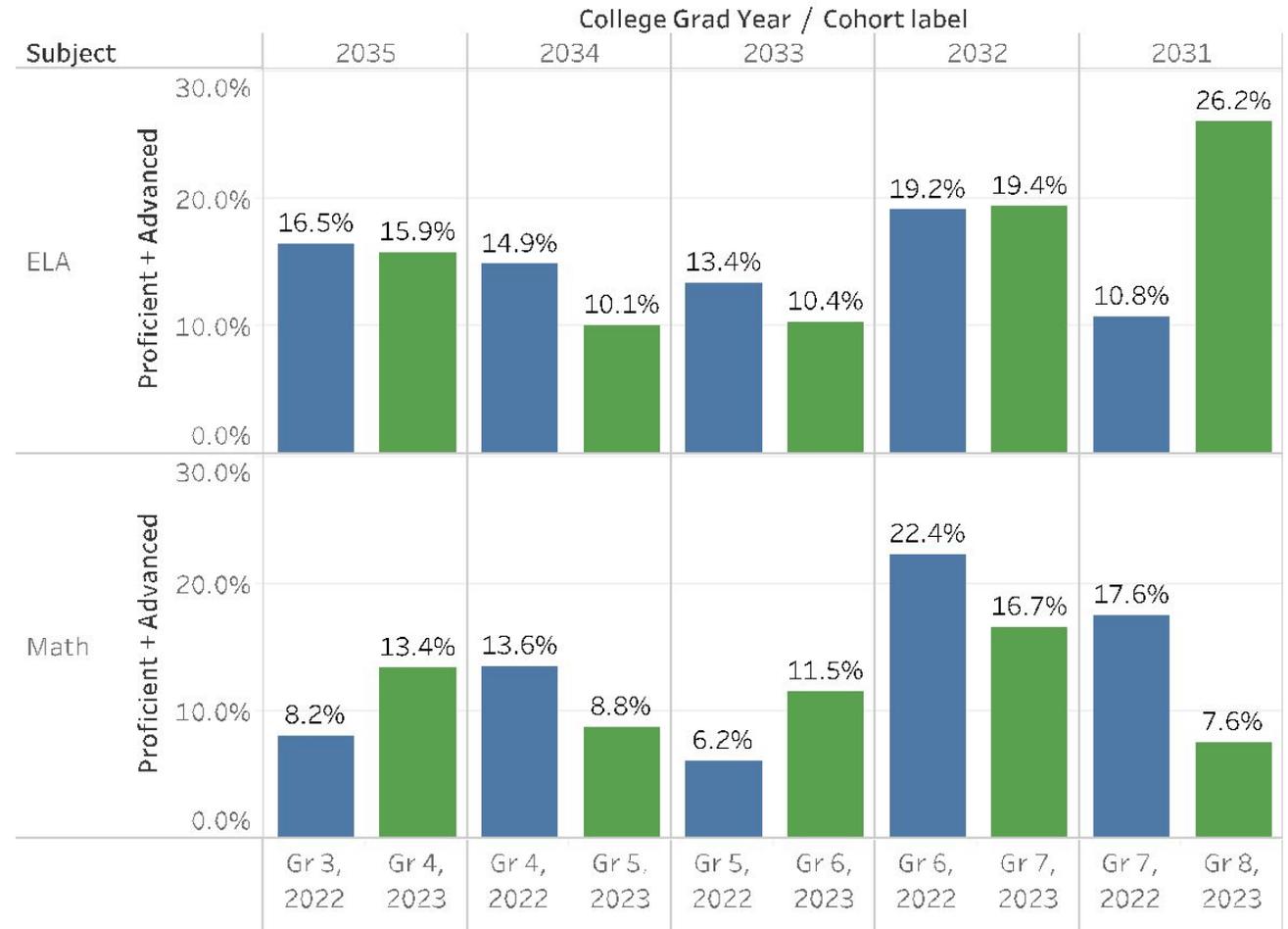


High level analysis

- 1-2 Highlights
- 1-2 Opportunities

2022-23 Compared to 2021-22: Graduating Cohorts

When grouping by graduating cohort across the two years, most cohorts gained proficiency in one subject while decreasing proficiency in another.



Tower Grove South Highlights

Spring '22 to Spring '23

1. G4 scholars grew from 13.3% to 23.3% prof/adv in Math
2. G8 scholars grew from 10.7% to 26.7% prof/adv in ELA
3. G4 29.2% scholars moved from below basic in ELA

Grade Cohort Comparison

Spring '22 to Spring '23

% Increase in Prof./Adv.

Grade Cohort	Math	ELA
Gr.4 '23 (Gr.3 '22)	+10%	+6.3%
Gr.8 '23 (Gr.7 '22)	—	+16%

Tower Grove South Opportunities

- Percentage of scholars scoring below basic in grades 3-6 is about 50% (compared to grades 7-8 which is about 30%)
- IP Process and data driven instructional focus
- Coaching meetings with fidelity

Tower Grove South Next Steps

- **Intervention Groups- Using Fall NWEA scores, teachers have identified scholars who are approaching the next band. (BB to B and B to Prof)**
 - included in academic monitoring laps- push for accuracy rather than compliance
 - pulled for small groups during intervention time
- **Admin Commitment- Follow coaching and development cycle**
 - Attend IP meetings and participate in practice with teacher leader 100% of the time
 - Observe or watch recorded video of the lesson execution
 - coaching conversations must include review of scholar work

Gravois Park Highlights

3rd and 5th Grade Math moved 20% of students out of the below basic category

3rd and 7th Grade Math increased P&A scholars by 9%

Gravois Park Opportunities

- Even though Gravois Park met NWEA growth goals in semester two, semester one's teacher vacancies leading to instability in classrooms, widespread virtual instruction, and external subs caused gaps from which we were not able to recover.
 - Only 1 GP classroom 3rd-8th had a traditional in-person, certified teacher consistent throughout the school year. That grade showed success in moving scholars into new bands in both math and ELA.

Gravois Park Next Steps

→ Continue Consistent Coaching and Staff Retention Plan to Retain Strong Classroom Teachers

- ◆ Staff Retention Plan from 22-23 led to 100% of all staff being retained over the winter break and 85% retention into the 23-24 school year.
- ◆ Consistent coaching and attention to the follow up protocol for teachers sharpens everyone. Less proficient staff receive coaching at a greater frequency to close gaps faster.

→ Targeted Observations and Development for Current 5th and 7th Math Cohorts

- ◆ Both cohorts had ineffective/virtual only learning last year and dropped the most significantly in proficiency bands.
- ◆ This year, both cohorts have an in person and content-certified teacher. We believe that the losses of last year can be recovered with intentionality through leadership and teachers.

→ Data Driven Focus

- ◆ During observations, collect data on student accuracy percentage
- ◆ Require evidence of learning from all students (ex. written output)
- ◆ Coaching meetings centered around data and next steps
- ◆ Monitor Tier 1 Data schoolwide (exit tickets, normed quizzes)
- ◆ Targeting cusp scholars' data during admin review, teacher review, and classroom observations.

Tower Grove East Highlights

Spring '22 to Spring '23

1. G8 scholars grew from 33.3% proficiency to 62.5% proficiency in ELA
2. G7 scholars grew from 21.7% proficiency to 38.1% proficiency in ELA
3. G6 & G4 scholars grew more than +10 percentage points in proficiency in Math

Grade Cohort Comparison

Spring '22 to Spring '23

% Increase in Prof./Adv.

Grade Cohort	Math	ELA
Gr.8 '23 (Gr.7 '22)	-----	+29.2%
Gr.6 '23 (Gr.5 '22)	-----	+16.4%

Tower Grove East Opportunities

- Push academic systems for accuracy and mastery in a grade level bands, now that retention is stronger this school year.
- Stay consistent with coaching meetings and RTF to see similar increases in both Math and ELA.

Tower Grove East Next Steps

- **Revised coaching schedule to ensure Tier I instruction is strong, in 3rd through 8th grade ELA**
 - ◆ DOS attending bootcamp surrounding RTF and coaching so that all leaders are strong in providing feedback and strong, effective coaching
 - ◆ 80% of teachers (scheduled) will receive coaching and RTF in Quarter 2

- **Dibels: Identified scholars K-2 to push to proficiency goals through targeted small groups (EOY=50%)**
 - ◆ **Kindergarten:** 14.2% prof/adv (Fall) to 35.7% proficiency (Winter)
 - ◆ **1st Grade:** 35% prof/adv (Fall) to 50% prof/adv (Winter)
 - ◆ **2nd Grade:** 31% prof/adv (Fall) to 56% prof/adv (Winter)

- **3rd-8th Grade: Identified scholars on the cusp in each category in NWEA (B to P & BB to B) for Math, Sci, & ELA for small group instruction**
 - ◆ Grade Levels of focus:
 - **4th Grade ELA:** 6.5% Proficiency (Fall) to 20% proficiency (Winter)
 - **5th Grade ELA:** 16.6% Proficiency (Fall) to 33.3% proficiency (Winter)
 - **7th Grade ELA:** 5.8% Proficiency (Fall) to 17.6% proficiency (Winter)

Fox Park Highlights

Spring '22 to Spring '23

1. G3-8 scholars had a 2.8% increase in prof./adv. in math!
2. G3 had a 15% increase in pro./adv. in math compared to G3 last year!!

Grade Cohort Comparison Spring '22 to Spring '23 % Increase in Prof./Adv.

Grade Cohort	Math	ELA
Gr.4 '23 (Gr.3 '22)	+4.8%	+5.8%
Gr.6 '23 (Gr.5 '22)	+7.5%	

Fox Park Opportunities

1. Capitalize on increase proficiency and Adv. in Math
2. 75% of scholars in G3-8 are below basic in mathematics.

Fox Park Next Steps

→ Target Observations, Coaching, and Development for my 4th grade Teacher

- ◆ Due to this class having 0% proficiency in math, my next steps with this teacher will be to have her internalize lessons two weeks in advance. Once internalized, we will rehearse key parts of the lesson on Tuesdays and follow up on Wednesdays at 8:25 am so that I have visibility of scholar data. (Progress monitoring for mastery)
- ◆ I will monitor monthly math quizzes data/mastery and if scholar mastery is below 50% I will have her reteach the lesson and I will observe for scholar mastery.

→ Target Observations, Coaching, and Development for my 2nd grade Teacher

- ◆ Due to this class having 50% of the scholars being below basic in math, my next steps with this teacher will be to very intentional in making sure that I am following my leader schedule and during my observations I am collecting data on scholar accuracy 90% of the time. If scholars are not showing mastery, then we are immediately taking action to support the needs of the scholars to ensure mastery.
- ◆ I will monitor monthly math quizzes data/mastery and if scholar mastery is below 50% I will have her reteach the lesson and I will observe for scholar mastery.



NWEA Fall Snapshot



Projected MAP Proficiency (from NWEA)

MAP Projected Proficiency inc K1

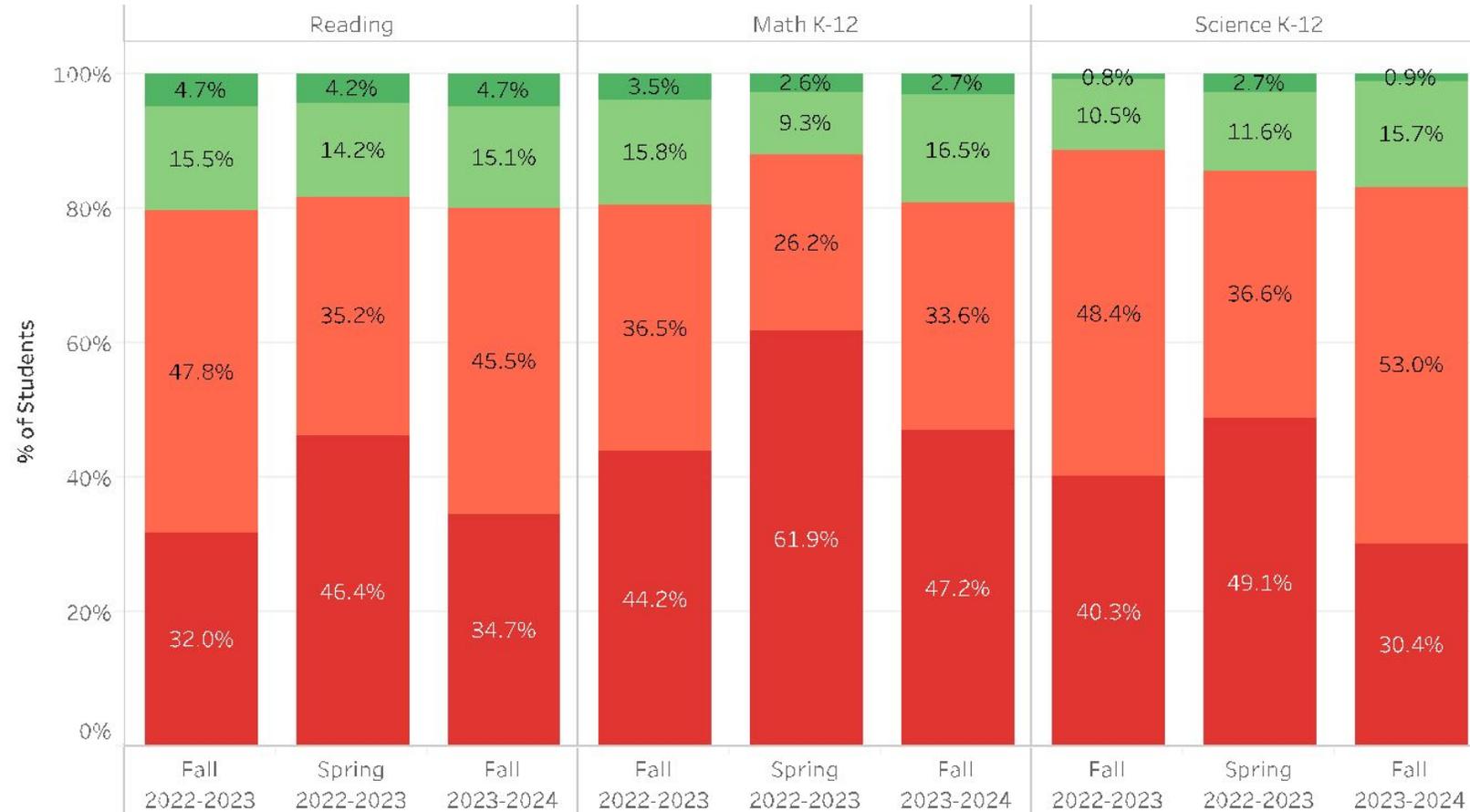
- Advanced
- Proficient
- Basic
- Below Basic

Reading goals:

1. Spring projected MAP proficiency: 29.8% or higher
2. 50% or more students meet their growth goals
3. Spring projected MAP below-basic: 24.7% or lower

Math goals:

1. Spring projected MAP proficiency: 29.2% or higher
2. 50% or more students meet their growth goals
3. Spring projected MAP below-basic: 37.2% or lower



Instructional Minutes



Instructional Minutes 23/24

Required: 1,044 hours

Momentum: 1,117.5 hours (down from 1,123)

KIPP Wisdom: 1,060 hours

Atlas: 1,110 hours

DSST MS: 1,087 hours

Questions?

