



Parent & Community Member Overview

Assessment

ASSESSMENT 101

The federal Every Student Succeeds Act (ESSA) reinforces the authority of states to decide which statewide assessments are the most appropriate for its students. Wyoming's state assessment, the Wyoming Test of Proficiency and Progress (WY-TOPP), assesses students on the [Wyoming Content and Performance Standards](#). It is administered online and is a computer-adaptive assessment. This state summative assessment is an end-of-year test that measures how much students have learned during the school year.

Wyoming's Alternate Assessment (WY-ALT), for students with the most significant cognitive disabilities, is aligned to the [Wyoming Extended Standards](#). Approximately 1% of students participate in the WY-ALT.

Students in grades 3-10 take the WY-TOPP and WY-ALT assessments for Math and English Language Arts (ELA). Grade 3, 5, 7, and 9 students are also assessed in Writing on WY-TOPP. Students in grades 4, 8, and 10 are assessed in Science on WY-TOPP and WY-ALT. More information is available [here](#) for statewide assessments.

WY-TOPP results help evaluate a school's strengths and weaknesses. Individual student results are provided to parents but have no direct effect on student grades. These results should be considered as one piece of evidence of a student's learning. Please see your local school district for additional information about how the results are used to improve learning.

The public is invited to experience a training test at wyoassessment.org, in the Students and Families section. The ELA and Math training tests contain assessment items for grades 3-10. The ELA tests for grades 3, 6, and 9 also include sample listening questions. The Science training tests contain assessment items in each grade band (elementary, middle school, and high school).

2023-24 ASSESSMENT HIGHLIGHTS

District by district snapshots can be found [here](#) by content area and grade.

Participation

- Overall 99% of students in the testing grades participated in WY-TOPP/WY-ALT Assessments.
- Virtual Education participation improved from ~93% last year to ~95% this year. Note that there were 118 more VE students in 2023-24 than 2022-23.
- Note the break in data between Y2 and Y3 is due to the COVID-19 disruption in the 2019-20 school year.

Overall Proficiency

- Overall proficiency was relatively stable compared to last year and remains below the pre-pandemic levels by about 1-2%. Compared to last year, student proficiency decreased by 0.2% in ELA and 0.3% in Science and increased by 0.5% in Math.
- ELA** saw a slight increase last year, and a slight decrease this year, but has remained around 53% proficiency since 2021.
- Math** has seen a steady increase since 2021.
- Science** saw a slight increase last year, and a slight decrease this year, but continues to hover around 48% proficient.

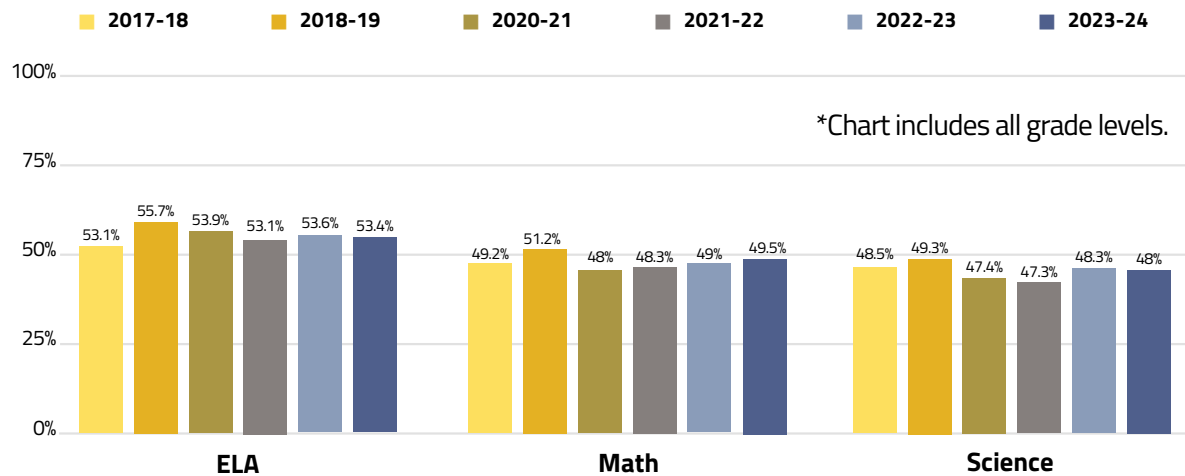
PROFICIENCY RESULTS Content Area & Grades Assessed	* 2017-18 Y1	2018-19 Y2	break in data due to COVID 2020-21 Y3	** 2021-22 Y4	2022-23 Y5	2023-24 Y6	Last Yrs Change 22-23	This Yrs Change 23-24	Change Pre to Post 19-24
ELA (3-10)	53.10%	55.70%	53.90%	53.10%	53.60%	53.40%	0.50%	-0.20%	-2.30%
Math (3-10)	49.20%	51.20%	48.00%	48.30%	49.00%	49.50%	0.70%	0.50%	-1.70%
Science (4, 8, 10)	48.50%	49.30%	47.40%	47.30%	48.30%	48.00%	-1.00%	-0.30%	-1.30%

*Year 1 is the baseline year of the WY-TOPP general assessment.

**WY-TOPP and WY-ALT Science tests changed in 2022.

The WY-TOPP assessment began in 2017-18. In the second year of assessment, immediately prior to the impact of COVID-19, increases in proficiency rates can be seen in the table above and the chart below. In the spring of 2020, school districts received a waiver allowing them to forgo assessment, therefore no data was produced.

Statewide Proficiency Annual Comparison



Proficiency by Grade

ELA - increases in proficiency were seen in grades 3, 4, and 7; decreases were seen in grades 5, 6, 8, 9, and 10.

- With the exception of Grade 4, ELA scores remain between 1.0% - 3.8% below pre-pandemic levels; Grade 4 has exceeded its pre-pandemic high for the first time by 0.6%.
- Grades 3 & 4 ELA made the largest gains with a 4.2% increase in proficiency in comparison to Spring 2023.
- Note that Writing is tested in grades 3, 5, 7, and 9 and is part of the ELA score.

Math - increases in proficiency were seen in grades 3, 4, 6, and 9; decreases were seen in grades 5, 7, 8, and 10.

- Grades 3, 4, and 9 saw scores increase between 1.3% - 2.6% above pre-pandemic levels.
- Grade 4 Math made the largest gain with a 3.4% increase in proficiency in performance in 2024 compared to 2023 and continues to exceed its pre-pandemic high by 1.6%.

Science - Science scores remain at or below pre-pandemic levels.

- Grade 4 Science continues to make annual gains in proficiency since the pandemic and has reached its pre-pandemic high for achievement.
- Grade 8 Science had a 2.4% decrease in proficiency following a 2.2% increase in 2023, which sees them drop back below the pre-pandemic levels by 1.8%.
- Note that Wyoming had a new WY-TOPP and WY-ALT Science test in the 2021-22 school year, aligned to the 2016 Science Standards and the 2018 Science Extended Standards. This year was year 3 of the new science expectations.

Grade & Content Area	*Baseline 2017-18 Y1	2018-19 Y2	break in data due to COVID 2020-21 Y3	** 2021-22 Y4	2022-23 Y5	2023-24 Y6	Last Yrs Change 22-23	This Yrs Change 23-24	Change Pre to Post 19-24
3 ELA	51.40%	54.80%	50.30%	47.90%	48.2%	52.40%	0.30%	4.20%	-2.40%
4 ELA	49.20%	49.10%	48.70%	47.40%	45.5%	49.70%	-1.90%	4.20%	0.60%
5 ELA	58.60%	55.60%	54.60%	57.00%	54.9%	54.60%	-2.10%	-0.30%	-1.00%
6 ELA	57.50%	60.80%	58.90%	58.10%	59.8%	58.60%	1.70%	-1.20%	-2.20%
7 ELA	54.30%	58.60%	53.30%	54.70%	54.4%	55.30%	-0.30%	0.90%	-3.30%
8 ELA	58.00%	60.70%	60.60%	58.40%	59.8%	56.90%	1.40%	-2.90%	-3.80%
9 ELA	44.40%	52.70%	52.20%	49.50%	52.6%	50.90%	3.10%	-2.00%	-2.10%
10 ELA	50.90%	52.80%	51.90%	51.60%	53.7%	49.00%	2.10%	-4.70%	-3.80%
3 Math	51.30%	53.50%	50.50%	51.60%	53.5%	56.10%	1.90%	2.60%	2.60%
4 Math	50.90%	52.90%	49.80%	52.30%	51.1%	54.50%	-1.20%	3.40%	1.60%
5 Math	53.00%	55.40%	51.20%	52.50%	53.7%	52.30%	1.20%	-1.40%	-3.10%
6 Math	51.90%	55.10%	48.10%	51.50%	51.5%	52.70%	0.00%	1.20%	-2.40%
7 Math	49.20%	52.00%	47.00%	47.30%	49.1%	48.10%	1.80%	-1.00%	-3.90%
8 Math	51.70%	54.50%	50.90%	48.60%	49.6%	49.50%	1.00%	-0.10%	-5.00%
9 Math	41.50%	40.40%	41.80%	41.60%	41.0%	41.70%	-0.60%	0.70%	1.30%
10 Math	42.90%	45.20%	44.70%	41.60%	43.7%	41.50%	2.10%	-2.20%	-3.70%
4 Science	51.80%	52.00%	48.20%	49.60%	50.2%	1.50%	0.60%	-1.80%	0.00%
8 Science	46.80%	47.50%	46.20%	45.90%	48.1%	-0.30%	2.20%	0.60%	-1.80%
10 Science	46.20%	48.30%	47.90%	46.50%	46.6%	-1.40%	0.10%	-1.70%	-1.90%

*Year 1 was the baseline year of the WY-TOPP general assessment.

**WY-TOPP and WY-ALT Science tests changed in 2022.