



Parent & Community Member Overview

Assessment

ASSESSMENT 101

The federal Student Success 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 WY-ALT and [here](#) for WY-TOPP.

WY-TOPP results are used to help evaluate a school's strengths and weaknesses, and to produce a School Performance Rating. See an overview of the 2022-23 School Performance Ratings results [here](#). Individual student results are provided to parents, but have no direct effect on student grades.

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).

2022-23 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 ~85% last year to 93% this year. Note that there were 401 less VE students in 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 in all content areas increased slightly from last year but is still below the pre-pandemic levels. Student proficiency increased in ELA by 0.5%, in Math by 0.7%, and in Science by 1%.
- Math has seen a steady increase since 2021.
- ELA and Science saw a slight decline in 2022 however, both have increased in 2023.

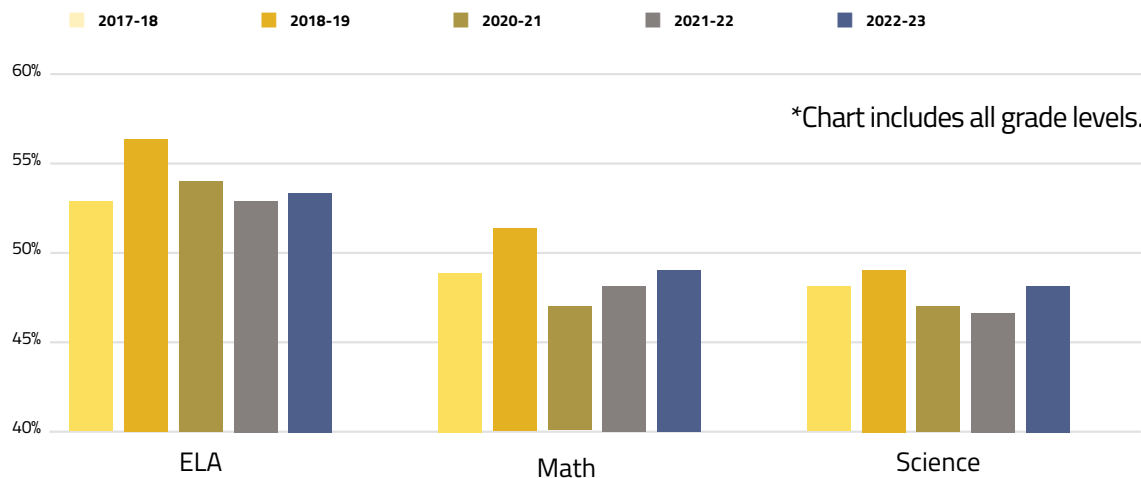
PROFICIENCY RESULTS Content Area & Grades Assessed	* 2017-18 Y1	2018-19 Y2	2020-21 Y3	** 2021-22 Y4	2022-23 Y5	Last Yrs Change 21-22	This Yrs Change 22-23	Change Pre to Post 19-23
ELA (3-10)	53.10%	55.70%	53.90%	53.10%	53.60%	-0.80%	0.50%	-2.10%
Math (3-10)	49.20%	51.20%	48.00%	48.30%	49.00%	0.30%	0.70%	-2.20%
Science (4, 8, 10)	48.50%	49.30%	47.40%	47.30%	48.30%	-0.10%	1.00%	-1.00%

*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 chart below. In the spring of 2020, school districts received a waiver allowing them to forgo assessment, therefore no data was produced. Although the 2022-23 results show proficiency rate increases in all three content areas, they remain slightly below pre-pandemic levels, ranging from 1-2% below the 2018-19 scores.

Statewide Proficiency Annual Comparison



Proficiency by Grade

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

- With the exception of Grade 10, ELA scores remain below pre-pandemic levels; Grade 10 has exceeded its pre-pandemic high for the first time.
- Grade 9 ELA made the largest gains with a 3.1% increase in proficiency.
- 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, 5, 7, 8, and 10; decreases were seen in grades 4 and 9. Grade 6 remained the same as the previous year.

- Math scores saw more gains than declines and showed areas for improvement in moving toward pre-pandemic levels.
- Grade 3 Math made the largest gain with a 1.9% increase in proficiency in performance in Y5 compared to Y4 and has met its pre-pandemic high.

Science - increases in proficiency were seen in all grades (4, 8, and 10).

- Grade 4 Science continues to make annual gains in proficiency since the pandemic.
- Grade 8 Science made the largest gains with a 2.2% increase in proficiency.
- 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's

Grade & Content Area	*Baseline 2017-18 Y1	2018-19 Y2	2020-21 Y3	** 2021-22 Y4	2022-23 Y5	Last Yrs Change 21-22	This Yrs Change 22-23	Change Pre to Post 19-23
3 ELA	51.40%	54.80%	50.30%	47.90%	48.2%	-2.40%	0.30%	-6.60%
4 ELA	49.20%	49.10%	48.70%	47.40%	45.5%	-1.30%	-1.90%	-3.60%
5 ELA	58.60%	55.60%	54.60%	57.00%	54.9%	2.50%	-2.10%	-0.70%
6 ELA	57.50%	60.80%	58.90%	58.10%	59.8%	-0.70%	1.70%	-1.00%
7 ELA	54.30%	58.60%	53.30%	54.70%	54.4%	1.40%	-0.30%	-4.20%
8 ELA	58.00%	60.70%	60.60%	58.40%	59.8%	-2.30%	1.40%	-0.90%
9 ELA	44.40%	52.70%	52.20%	49.50%	52.6%	-2.70%	3.10%	-0.10%
10 ELA	50.90%	52.80%	51.90%	51.60%	53.7%	-0.30%	2.10%	0.90%
3 Math	51.30%	53.50%	50.50%	51.60%	53.5%	1.10%	1.90%	0.00%
4 Math	50.90%	52.90%	49.80%	52.30%	51.1%	2.50%	-1.20%	-1.80%
5 Math	53.00%	55.40%	51.20%	52.50%	53.7%	1.30%	1.20%	-1.70%
6 Math	51.90%	55.10%	48.10%	51.50%	51.5%	3.50%	0.00%	-3.60%
7 Math	49.20%	52.00%	47.00%	47.30%	49.1%	0.30%	1.80%	-2.90%
8 Math	51.70%	54.50%	50.90%	48.60%	49.6%	-2.30%	1.00%	-4.90%
9 Math	41.50%	40.40%	41.80%	41.60%	41.0%	-0.20%	-0.60%	0.60%
10 Math	42.90%	45.20%	44.70%	41.60%	43.7%	-3.10%	2.10%	-1.50%
4 Science	51.80%	52.00%	48.20%	49.60%	50.2%	1.50%	0.60%	-1.80%
8 Science	46.80%	47.50%	46.20%	45.90%	48.1%	-0.30%	2.20%	0.60%
10 Science	46.20%	48.30%	47.90%	46.50%	46.6%	-1.40%	0.10%	-1.70%

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

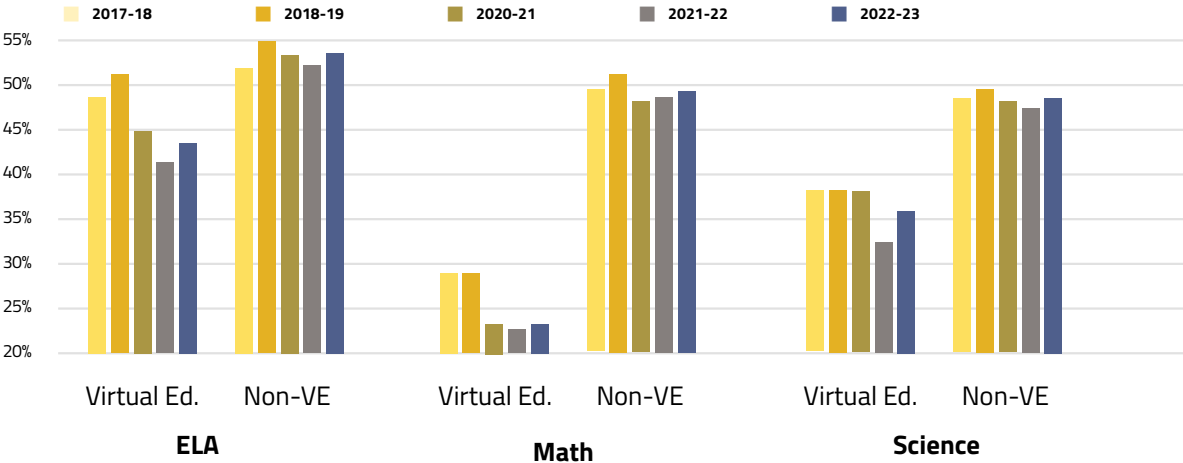
**WY-TOPP and WY-ALT Science tests changed in 2022.

Virtual Education Programs - Proficiency

The performance of the Virtual Education (VE) subpopulation is consistently below their non-virtual peers. Proficiency rates for VE increased in all content areas in 2022-23, as shown in the graph below.

- **ELA** - proficiency rates increased by 1.4% in Y5 compared to Y4 and were 10.5% lower than non-VE rates.
- **Math** - proficiency rates increased by 0.4% in Y5 compared to Y4 and were 26.8% lower than non-VE rates.
- **Science** - proficiency rates increased by 2.8% in Y5 compared to Y4 and were 13.3% lower than

Virtual Education Proficiency Rates Across Years



PROFICIENCY in VE Programs	* 2017-18 Y1	2018-19 Y2	2020-21 Y3	** 2021-22 Y4	2022-23 Y5	Last Yrs Change 21-22	Change Pre to Post 19-23
ELA (3-10)	48.50%	51.00%	44.60%	42.00%	43.40%	-2.60%	1.40%
Math (3-10)	28.70%	28.60%	22.90%	22.50%	22.90%	-0.40%	0.40%
Science (4, 8, 10)	39.40%	37.90%	38.20%	32.50%	35.30%	-5.70%	0.80%

non-VE rates.

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

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

Alternate Assessment Participation Data

Alternate Assessment student participation saw an increase in 2023 compared to 2022. This places Wyoming over the 1% Participation Threshold, as detailed in the Every Student Succeeds Act (34 CFR § 200.6 (c)(3)) for another year. The WDE will apply for a waiver extension in the 2023-24 school year.

School Year	Content Area	% Total Tested Students (WY-TOPP/ALT)	% IDEA Students Tested (WY-TOPP/ALT)	% WY-ALT IDEA Students Tested	% of Total Tested via WY-ALT in 2022-23
2022-23	ELA	99.0%	98.5%	97.8%	1.09%
2022-23	MATH	99.1%	98.5%	97.4%	1.08%
2022-23	SCIENCE	99.0%	98.5%	96.8%	1.13%

District & School Standouts to Celebrate

Districts With Multiple Wins:

- **Sheridan #1** – ELA 70.7% (steady growth since 2019 and consistently above the state average) Science 68.9% (16.6% growth over 2022), Math 68.3% (consistently above 60% since 2019) *n=752*
- **Unita #4** – Science 74% (18.6% growth from 2022), ELA 65.2% (increased 5.5% from 2022 and 10.7% from 2021 after a 1.6% drop) *n=464*
- **Weston #1** – ELA 61.30% (6.7% gain over 2022 and consistently above state average), Math 55.1% (5% gain over 2022, 9.1% gain over 2021 after a 1.8% drop) *n=494*
- **Washakie #2** – ELA 70.8% (above 70% last two years), Math 63.9% (increased 6.2% over 2022) *n=72*

Districts above 70% Proficient:

- **Unita #4** – Science 74% (large jump this year)
- **Washakie #2** – ELA 70.8% (above 70% the last two years)
- **Sheridan #1** – ELA 70.7% (steady growth since 2019)
- **Hot Springs #1** – Math 70.5% (up from 66% last two administrations)

Districts with the highest proficiency gains from 2022 to 2023:

- **Sheridan #3** – Science increased 24%, ELA increased 9.9%
- **Unita #4** – Science increased 18.6%, ELA increased 5.5%
- **Sheridan #1** – Science increased 16.6%
- **Fremont #24** – Science increased 15.7%
- **Big Horn #2** – Science increased 11%, ELA increased 4%
- **Weston #1** – ELA increased 6.7%, Math increased 5%
- **Washakie #2** – Math increased 6.2%
- **Carbon #1** – Math increased 5.6% (still below state)
- **Big Horn #4** – Math increased 5.3%, ELA increased 4.3%
- **Weston #7** – Math increased 5.10% (still below state)

Districts with the highest proficiency gains, post-pandemic, from 2021 to 2023 (paired with 19-21 drop):

- **Uinta #6** – ELA 57.1% (increased 6.7% after 5.1% drop), Math 56.5% (increased 9.7% after 10.8% drop), Science 55.3% (increased 7.1% after 0.90% drop)
- **Sheridan #3** – ELA 64.7% (increased 14.7% after a 10.3% drop), Math 55.8% (increased 5.8% after 20.7% drop)
- **Uinta #4** – ELA 65.2% (increased 10.7% after a 1.6% drop)
- **Carbon #1** – Science 48.6% (increased 8.2% after 3.7% drop), Math 48.7% (increased 9.4% after 4.2% drop)
- **Fremont #6** – Science 46.3% (increased 8.9% after 16.2% drop), Math 46.6% (increased 5.6% after 11.7% drop)
- **Converse #2** – Math 50% (increased 12.9% after 5.6% drop)
- **Albany #1** – Math 60.3% (increased 9.2% after 10.8% drop)

Districts with Consistently High Performance (above state average annually since 2019):

Math

- Albany #1
- Big Horn #2
- Big Horn #4
- Converse #1
- Crook #1
- Hot Springs #1
- Johnson #1
- Lincoln #1
- Lincoln #2
- Park #1
- Park #6
- Sheridan #12
- Sheridan #21
- Sublette #1
- Sweetwater #2
- Teton #1
- Uinta #1
- Uinta #4
- Washakie #1
- Washakie #2

ELA - English Language Arts

- Albany #1
- Big Horn #1
- Big Horn #2
- Carbon #2
- Crook #1
- Fremont #2
- Hot Springs #1
- Johnson #1
- Lincoln #1
- Lincoln #2
- Park #1
- Park #6
- Sheridan #1
- Sheridan #2
- Sublette #1
- Sweetwater #2
- Teton #1
- Uinta #4
- Washakie #1
- Washakie #2
- Weston #1

Schools With Multiple Wins:

(ES = Elementary School, MS = Middle School, HS = High School, SS = Secondary School)

- **Sheridan #1** has schools in both the high gains categories and the consistently high performing categories.
- **Thayne ES** (Lincoln #2) – ELA 66.3% proficient and increased 18.9% from 2022 to 2023; Math 80.2% proficient and increased 22.3% from 2022 to 2023.
- **Moorcroft K-8** (Crook #1) – Math 71.5% proficient and increased 19.4% from 2022 to 2023; Science 82.2% proficient and increased 37.4% from 2022 to 2023.
- **Carpenter ES** (Laramie #2) – ELA 57.5% proficient and increased 25.6% from 2022 to 2023 and increased 27.7% from 2021 to 2023 after a 26.3% drop from 2019 to 2021.
- **Hanna ES** (Carbon #2) – Math 48.7% proficient and increased 21.7% from 2022 to 2023 and increased from 2021 to 2023 after a 30.1% drop from 2019 to 2021.

Schools with the highest proficiency gains from 2022 to 2023:

- **Thayne ES** (Lincoln #2) – ELA increased 18.9% and Math increased 22.3%
- **Moorcroft K-8** (Crook #1) – Math increased 19.4% and Science increased 37.4%
- **Mountain View High School** (Uinta #4) – Science increased 33.3%
- **Slade ES** (Albany #1) – Science increased 32%
- **Tongue River ES** (Sheridan #1) – Science increased 31.2%
- **Big Horn HS** (Sheridan #1) – Science increased 28.5%
- **Carpenter ES** (Laramie #2) – ELA increased 25.6%
- **Big Horn MS** (Sheridan #1) – Math increased 22.3%
- **Greybull HS** (Big Horn #3) – ELA increased 21.9%
- **Lyman HS** (Uinta #6) – ELA increased 20.1%
- **Pinedale HS** (Sublette #1) – ELA increased 19.6%
- **Kaycee School** (Johnson #1) – Math increased 17.8%
- **Hanna ES** (Carbon #2) – Math increased 17.7%

Schools with the highest proficiency gains, post-pandemic, from 2021 to 2023 (paired with 19-21 drop):

- **Hot Springs County HS** (Hot Springs #1) – ELA increased 29.7% (after a 10.1% drop) and Math increased 22.3% (after a 5.60% drop)
- **Parkside ES** (Park #1) – ELA increased 28.7% (after a 13.6% drop)
- **Carpenter ES** (Laramie #2) – ELA increased 27.7% (-26.3%)
- **Lyman HS** (Uinta #6) – ELA increased 25.7% (-10.8%)
- **Spring Creek ES** (Albany #1) – Math increased 24.2% (after a 24.3% drop)
- **Greybull HS** (Big Horn #3) – Math increased 22.4% (after a 24.8% drop)
- **Hanna ES** (Carbon #2) – Math increased 21.7% (after a 30.1% drop)
- **Laura Irwin ES** (Big Horn #4) – Math increased 20.9% (after a 9.3% drop)

Schools with Consistently High Performance (above state average annually since 2019):

Math

- Albin ES (Laramie #2)
- Big Horn ES (Sheridan #1)
- Burlington ES (Big Horn/Lincoln #1)
- Burlington HS (Big Horn #1)
- Highland Park ES (Sheridan #2)
- McKinnon ES (Sweetwater #2)
- Meadowlark ES (Sheridan #2)
- Notch Peak ES (Albany #1)
- PODER Academy (Laramie #1)
- Red Creek ES (Natrona #1)
- Sagebrush ES (Sheridan #2)
- Snowy Range Academy (Albany #1)
- Story ES (Fremont #2)
- Thermopolis MS (Hot Springs #1)
- Thoman Ranch Elementary (Sweetwater #2)
- Wilson ES (Teton #1)
- Woodland Park ES (Sheridan #2)

ELA - English Language Arts

- Big Horn ES (Sheridan #1)
- Big Horn MS (Sheridan #1)
- Burlington MS (Big Horn/Lincoln #1)
- Burlington HS (Big Horn #1)
- Ft. Caspar Academy (Natrona #1)
- Notch Peak ES (Albany #1)
- McKinnon ES (Sweetwater #2)
- PODER Academy (Laramie #1)
- PODER Academy SS (Laramie #1)
- Red Creek ES (Natrona #1)
- Sagebrush ES (Sheridan #2)
- Snowy Range Academy (Albany #1)
- Southeast HS (Goshen #1)
- Story ES (Fremont #2)
- Wilson ES (Teton #1)
- Woodland Park ES (Sheridan #2)