ACT AND ACT ASPIRE: INTERPRETING REPORTS

ASSESSMENTS FRIDAY FOCUS WEBINAR SERIES#2

DR. ANJU KURIAKOSE

DIRECTOR OF PSYCHOMETRICS

ARIZONA DEPARTMENT OF EDUCATION

WELCOME TO WEBINAR #2: ACT AND ACT ASPIRE – INTERPRETING REPORTS

This is the second webinar session in this series for the 2022-2023 school year

This webinar will be recorded and posted on the ADE Assessments webpage. https://www.azed.gov/assessment.

Please enter your First and Last Name in the Chat for tracking purposes for the live event.

We will also be capturing the chat questions. If there are questions that were frequently asked or need further clarification, ADE will compile and create an FAQ which will then be posted on our website. The FAQ will only include those questions that are relevant to the webinar topic. ADE will follow up with any other questions via email.

WELCOME AND OVERVIEW

➤ **This session will highlight how you can use some of the information contained in the ACT and ACT Aspire reports.**

➤ **We will briefly introduce the webpage that has a lot more information.**

➤ **We will go over the student reports and interpret the results.**

➤ **We will answer some frequently asked questions.**

ACT SITE

Arizona   The ACT   Aspire

State of Arizona
ACT State Testing

Welcome to Your Testing Program

Navigating Your ACT State Testing Webpage

ACT Arizona site has all the information and much more.

https://www.act.org/content/act/en/products-and-services/state-and-district-solutions/arizona.html

SEVEN STEPS – ACT AND ACT ASPIRE

Test Administration Process Next Steps

Select your current phase of the test administration process to see resources related to that phase.

1   **2**   **3**   **4**   **5**   **6**   **7**

Step 1   Step 2   Step 3   Step 4   Step 5   Step 6   Step 7

Process Steps (Expand for Descriptions)   ⌃

Step 1: Orientation - Learn about test formats and policies; select test dates and provide shipping information; select test staff and set up accounts.

Step 2: Configuration - Upload student data records; verify enrollment for test materials.

Step 3: Accommodation - Learn about accessibility supports; request accommodations and/or supports; request qualified exceptions to the deadline.

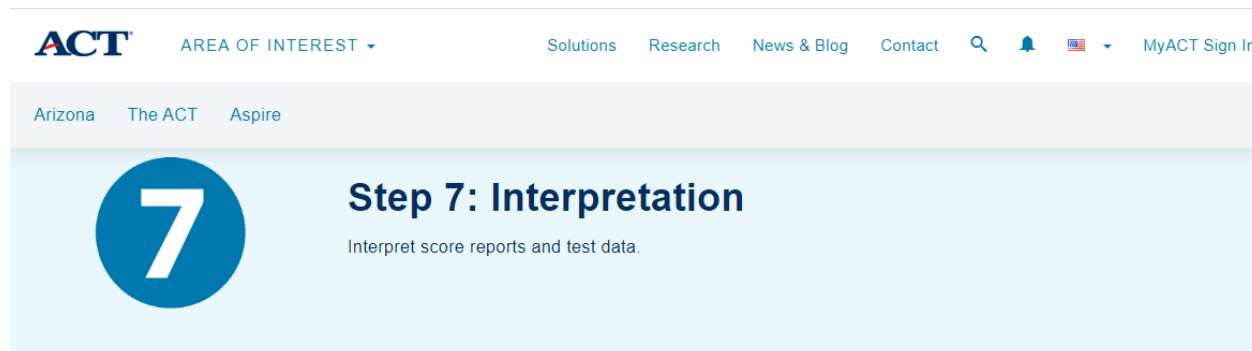**Step 4**: Preparation - Order test materials; complete non-test activities; provide examinees test prep information; prepare your facility, staff, and materials; update examinee information.

Step 5: Administration - Administer the test.

Step 6: Transportation: Return test materials.

Step 7: Interpretation - Access and understand score reports; share reporting information with examinees.

DATA INTERPRETATION

ACT

AREA OF INTEREST ▾

Solutions   Research   News & Blog   Contact   🔍   🔔   🇺🇸 ▾   MyACT Sign In

Arizona   The ACT   Aspire

7 Step 7: Interpretation

Interpret score reports and test data.

Activity: Understand Score Reports

Resources to complete this activity:

Reports Guides

- Summative Reports Guide
- Summative Scale Score Charts and Tables
- Interpretive Guide for ACT Aspire Summative Reports
- Understanding Your ACT Aspire Results
- ACT Aspire Summative Individual Student Reports (ISR)

File Layouts

- Summative Student Performance File (SPF) Score File Layout
- Summative Student Performance File (SPF) Reporting Categories Layout

ACT ASPIRE

➢Measures student progress towards college and career readiness.
  ➢English
  ➢Reading
  ➢Mathematics
  ➢Science
  ➢Writing

➢The scores from each subject are measured against ACT Readiness Benchmarks.

➢Identifies whether students are on target to meet the ACT Readiness Benchmarks when they take the test in grade 11.

ACT ASPIRE SCORES

❖ ELA scaled score – English, reading, and writing

❖ STEM scaled score – Math and Science combined

❖ Progress with text complexity
  ❖ Identifies whether students are making enough progress with reading complex texts to be ready for college and career

❖ Composite score – English, Math, Reading, and Science

❖ Predicted Scores
  ❖ Pre-ACT and ACT

❖ Percentile Ranks

❖ Readiness levels

ACT ASPIRE – READINESS LEVELS

Readiness levels also reported in four levels

❖ **Exceeding**
  ❖ Substantially above the benchmark and have the highest chance to be college and career ready

❖ **Ready**
  ❖ Students have met the Benchmark indicator and on target for 50% or higher likelihood of college readiness

❖ **Close**
  ❖ Scored below the target but close to the ready category

❖ **In need of support**
  ❖ Scored substantially below the readiness indicator

ACT Aspire Readiness Benchmarks by grade

Table 1. ACT Readiness Benchmarks

Tested Grade	English	Reading	Mathematics	Science	ELA	STEM
3	413	415	413	418	419	420
4	417	417	416	420	422	422
5	419	420	418	422	424	425
6	420	421	420	423	426	428
7	421	423	422	425	426	430
8	422	424	425	427	427	433
9	426	425	428	430	428	435
10	428	428	432	432	430	437

The table shows data for all grades and subjects. Students who score at or above these benchmarks are on target for college readiness when they take the ACT test in grade 11.

The readiness benchmarks are on the score reports.

No readiness benchmarks for writing.

ACT ASPIRE – INDIVIDUAL STUDENT REPORT

Student information

STUDENT NAME (ID#: XXXXX)
Assessed: Sep 30, 2019 - Nov 22, 2019
HIGH SCHOOL (Code: XXX)
Grade: 9

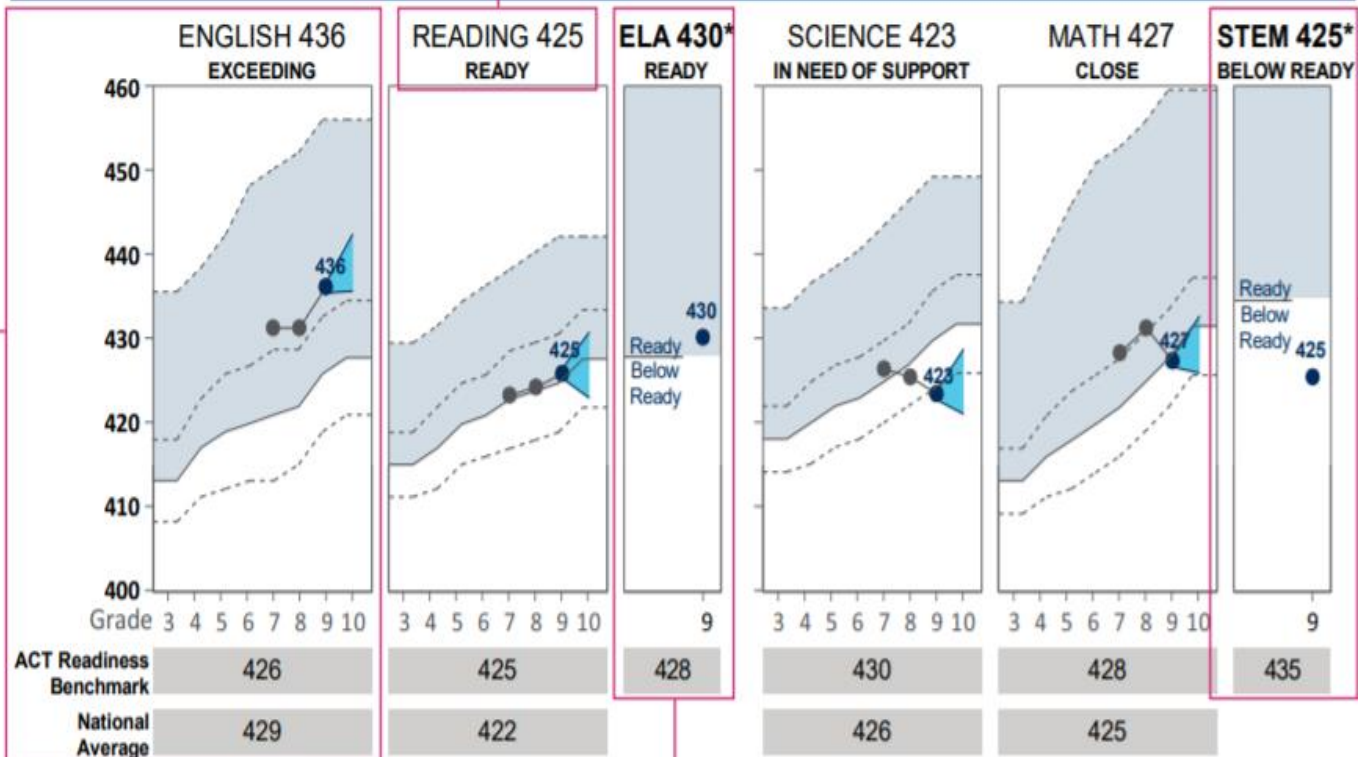Subject, scale score, and readiness level

Report title

ACT Aspire
Summative Student Report

ACT Aspire Composite Score

Your ACT Aspire Composite Score is **428** (Composite score is the average of your English, Reading, Science, and Math scores)

	ENGLISH 436 EXCEEDING	READING 425 READY	ELA 430* READY	SCIENCE 423 IN NEED OF SUPPORT	MATH 427 CLOSE	STEM 425* BELOW READY

Longitudinal progress graph

STEM info

436
425
430
423
427
425

Ready
Below
Ready

Grade 3 4 5 6 7 8 9 10

	ENGLISH	READING	ELA	SCIENCE	MATH	STEM
ACT Readiness Benchmark	426	425	428	430	428	435
National Average	429	422		426	425	

Report key and definitions

ELA info

* Your **ELA** score represents your overall performance on the English, Reading, and Writing Tests.
Your **STEM** score represents your overall performance on the Science and Math Tests.

Exceeding
Ready
Close
In Need of Support

ACT Readiness Benchmark: Students who score at or above the benchmark are on target to meet ACT College Readiness Benchmark when they are in 11th grade.
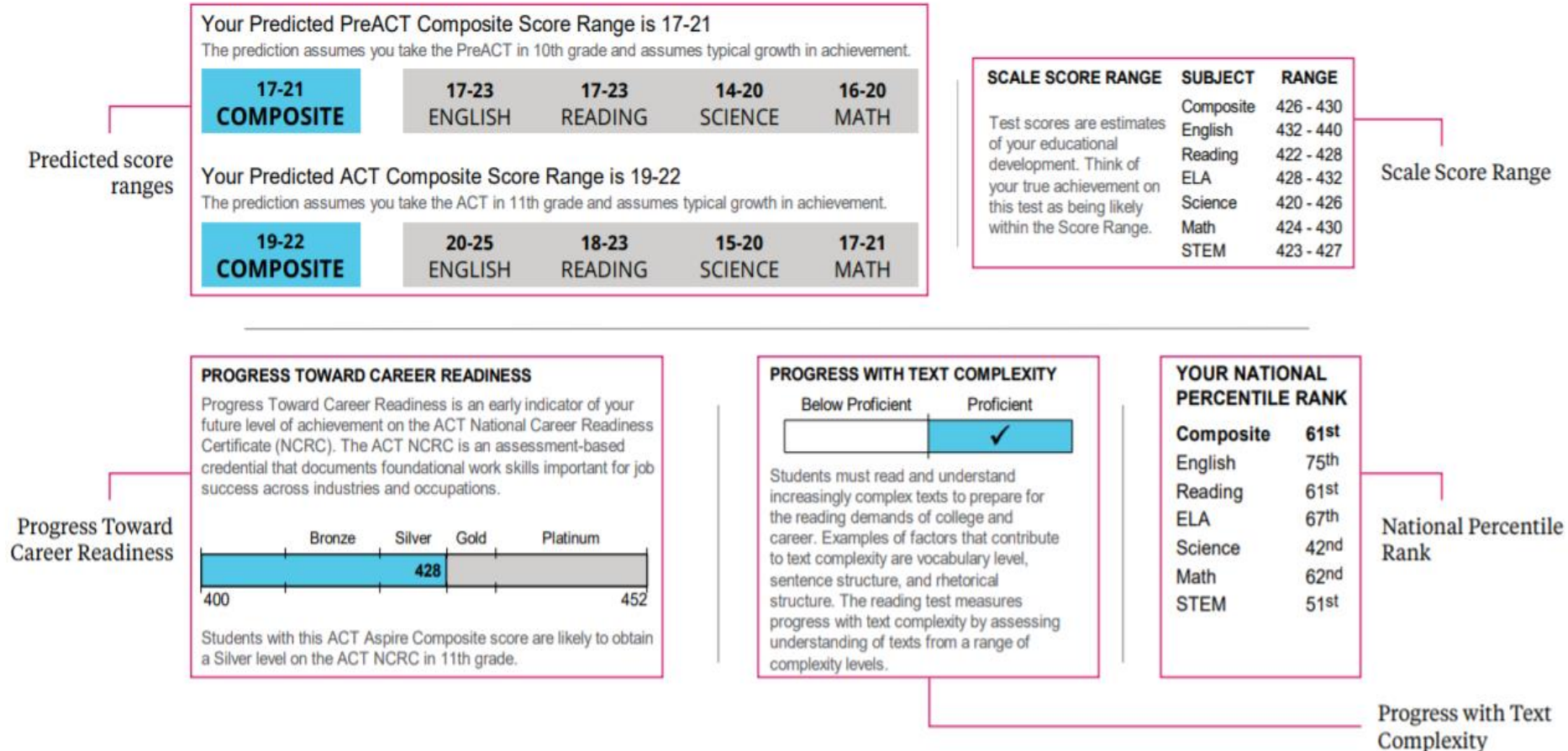
Predicted Path: A projection of where scores will fall based upon expected growth rates.

National Average: The mean score of all students in the norm group.

ACT ASPIRE – INDIVIDUAL STUDENT REPORT

Predicted score ranges

Your Predicted PreACT Composite Score Range is 17-21
The prediction assumes you take the PreACT in 10th grade and assumes typical growth in achievement.

17-21 COMPOSITE	17-23 ENGLISH	17-23 READING	14-20 SCIENCE	16-20 MATH

Your Predicted ACT Composite Score Range is 19-22
The prediction assumes you take the ACT in 11th grade and assumes typical growth in achievement.

19-22 COMPOSITE	20-25 ENGLISH	18-23 READING	15-20 SCIENCE	17-21 MATH

Scale Score Range

SCALE SCORE RANGE

Test scores are estimates of your educational development. Think of your true achievement on this test as being likely within the Score Range.

SUBJECT	RANGE
Composite	426 - 430
English	432 - 440
Reading	422 - 428
ELA	428 - 432
Science	420 - 426
Math	424 - 430
STEM	423 - 427

Progress Toward Career Readiness

PROGRESS TOWARD CAREER READINESS

Progress Toward Career Readiness is an early indicator of your future level of achievement on the ACT National Career Readiness Certificate (NCRC). The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations.

Bronze	Silver	Gold	Platinum
	428		
400			452

Students with this ACT Aspire Composite score are likely to obtain a Silver level on the ACT NCRC in 11th grade.

PROGRESS WITH TEXT COMPLEXITY

Below Proficient	Proficient
	✓

Students must read and understand increasingly complex texts to prepare for the reading demands of college and career. Examples of factors that contribute to text complexity are vocabulary level, sentence structure, and rhetorical structure. The reading test measures progress with text complexity by assessing understanding of texts from a range of complexity levels.

YOUR NATIONAL PERCENTILE RANK

Composite	61st
English	75th
Reading	61st
ELA	67th
Science	42nd
Math	62nd
STEM	51st

National Percentile Rank
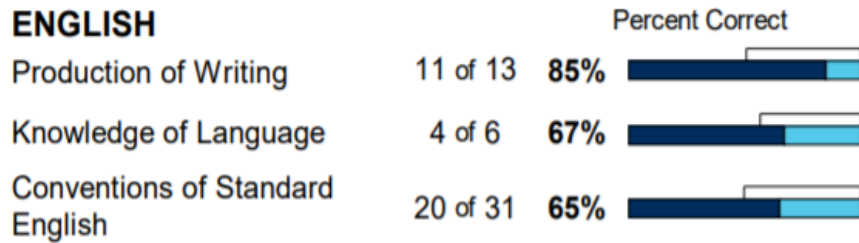
Progress with Text Complexity

Figure 1. ACT Aspire Individual Student Report, page 1
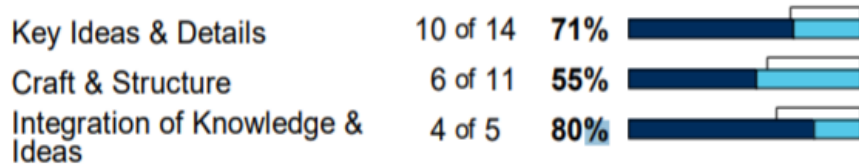
ASPIRE ISR-REPORTING CATEGORIES

Your Detailed ACT Aspire Results

The scores below represent your performance on reporting categories measured by the test. Reporting category designations are provided to help you to start to focus on strengths and weaknesses. Categories with only a few items may be less representative of your overall achievement in that category.
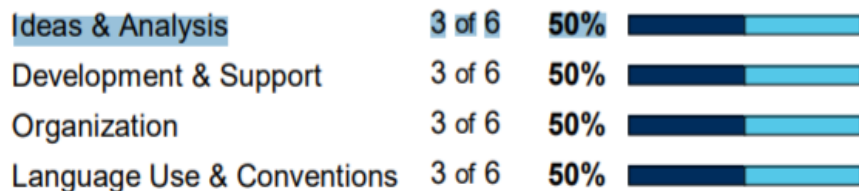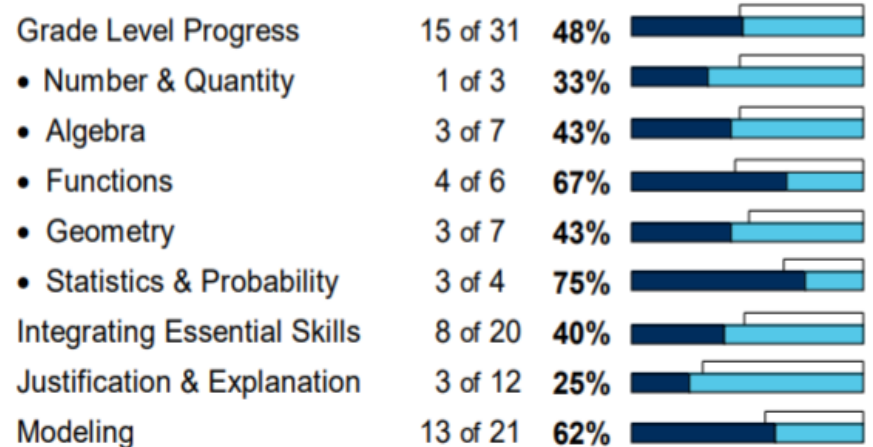
ENGLISH
Percent Correct

Category		Percent
Production of Writing	11 of 13	85%
Knowledge of Language	4 of 6	67%
Conventions of Standard English	20 of 31	65%

READING

Category		Percent
Key Ideas & Details	10 of 14	71%
Craft & Structure	6 of 11	55%
Integration of Knowledge & Ideas	4 of 5	80%

WRITING

Category		Percent
Ideas & Analysis	3 of 6	50%
Development & Support	3 of 6	50%
Organization	3 of 6	50%
Language Use & Conventions	3 of 6	50%

SCIENCE
Percent Correct

Category		Percent
Interpretation of Data	9 of 18	50%
Scientific Investigation	4 of 10	40%
Evaluation of Models, Inferences, & Experimental Results	4 of 12	33%

MATH*

Category		Percent
Grade Level Progress	15 of 31	48%
• Number & Quantity	1 of 3	33%
• Algebra	3 of 7	43%
• Functions	4 of 6	67%
• Geometry	3 of 7	43%
• Statistics & Probability	3 of 4	75%
Integrating Essential Skills	8 of 20	40%
Justification & Explanation	3 of 12	25%
Modeling	13 of 21	62%

ACT Readiness Range: Shows where a student who has met the ACT Readiness Benchmark on this assessment would typically perform.

* **Math** test questions can map to multiple reporting categories, so totals will exceed the number of questions on test.

Improvement Ideas

ENGLISH

Production of Writing: Practice writing for a variety of purposes. Continue working on developing topics effectively, organizing ideas in logical, cohesive ways, and expressing ideas in a stylistically consistent manner.

Knowledge of Language: In your writing, experiment with how word choices affect meaning and how language functions differently in different contexts.

Conventions of Standard English: Challenge yourself to write complex sentences, avoiding all errors in sentence construction and using parts of speech and punctuation correctly.

READING

Key Ideas & Details: Read increasingly complex texts from a variety of genres. Work on making and supporting reasonable inferences and on identifying and inferring main ideas, themes, sequences, and relationships.

Craft & Structure: As you read, consider the purpose of texts and parts of texts. Also analyze how texts are organized, how authors use point of view, and how authors use words and phrases.

Integration of Knowledge & Ideas: Read complex texts from a variety of genres. Analyze how authors present arguments, focusing on strengths and weaknesses. Also, look for connections between and among related texts.

WRITING SCORE POINT DESCRIPTORS
Use the following rubric descriptions of your writing scores to identify your strengths and areas for improvement.

Ideas & Analysis: The response is somewhat appropriate to the task, with an analysis that is oversimplified or imprecise. Implications or complications are only somewhat clear or relevant. Specific details and generalized ideas are somewhat connected.

Development & Support: Explanations of ideas are limited, but include some use of supporting reasons and/or relevant examples.

Organization: The response exhibits some evidence of organizational structure. Some ideas are logically grouped. Transitions between and within paragraphs sometimes clarify the relationships among ideas.

Language Use & Conventions: The response demonstrates some developing ability to convey meaning. Word choice is general and occasionally imprecise. Sentence structures show little variety and are sometimes unclear. Voice and tone are somewhat appropriate for the analytical purpose but are inconsistently maintained. Distracting errors in grammar, usage, and mechanics are present, and they sometimes impede understanding.

SCIENCE

Interpretation of Data: Generate and interpret a greater number and variety of data presentations (scientific tables, line graphs, diagrams). Use trends to extend data in data presentations (interpolation, extrapolation).

Scientific Investigation: Generate questions that can be investigated and then design and perform controlled experiments to validly test the questions. Examine complex scientific experiments involving multiple variables.

Evaluation of Models, Inferences, & Experimental Results: Compare and evaluate the results of scientific experiments and compare and evaluate competing scientific explanations. Examine ways to improve on scientific experiments and explanations.

Improvement ideas

MATH

Grade Level Progress: Try completing the "challenge" questions in your textbook for your current math work.

- **Number & Quantity:** Work on applying properties of exponents and rewriting radical expressions in terms of rational exponents. Do the properties of exponents make sense to you? If you make sense of them, they will be easier to use.

- **Algebra:** Work on performing operations on polynomials, solving linear equations and inequalities, and solving quadratic equations. Do algebraic expressions have meaning for you? Interpret expressions as they apply to the real world.

- **Functions:** Practice working with piecewise-defined functions; describe what the graph means in terms of a real-world situation.

- **Geometry:** Work on explaining geometric reasoning related to lines and angles. Derive the formula for the volume of a pyramid.

- **Statistics & Probability:** What could you do if you gave a survey but some people didn't answer the question? Would it matter?

Integrating Essential Skills: Continue to strengthen your skills by applying and integrating the mathematics you learned in previous grades.

Justification & Explanation: Understand mathematical derivations and justification in your textbooks. Know the concepts behind math terms and why procedures work.

Modeling: Find some real-world situations and create models to describe and predict information.

ACT Aspire

Assessed Sep 30, 2019 - Nov 22, 2019

STUDENT

Grade: 9

HIGH SCHOOL, School ID: XXX
Student ID: XXXXXX

Student Report

Summative

MAIN SCORES

Subject	ACT Readiness Level	Score Score Range	Your National Percentile Rank	Predicted PreACT Score	Predicted ACT Score
English	Exceeding	**436** 432 - 440	75th	17 - 23	20 - 25
Reading	Ready	**425** 422 - 428	61st	17 - 23	18 - 23
Writing	Scoreable				
Science	In Need of Support	**423** 420 - 426	42nd	14 - 20	15 - 20
Math	Close	**427** 424 - 430	62nd	16 - 20	17 - 21
Composite		**428** 426 - 430	61st	17 - 21	19 - 22

SUPPLEMENTAL SCORES

	Readiness	Score Score Range
ELA	Ready	**430** 428 - 432
STEM	Below Ready	**425** 423 - 427

Progress with Text Complexity   Sufficient Progress: **Yes**

Progress Toward Career Readiness   You are likely to obtain a **Silver** level on the ACT NCRC in the 11th grade.

ACT Readiness Level: Based on the test score and performance level cut scores, your performance can be classified into one of these levels: Exceeding, Ready, Close, In Need of Support.

Score Range: Test scores are estimates of your educational development. Think of your true achievement on this test as being likely within the Score Range.

National Percentile Rank: The percentage of other grade 9 students in the nation who received a score that is the same as or lower than yours.

Understand subject skill expectations for each ACT Readiness Level by reviewing the Performance Level Descriptors: www.act.org/aspire

ASPIRE REPORTS

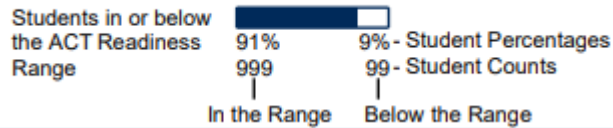|	File Name
☐	📄 Current Progress - Grade 09
☐	📄 Skill Proficiency by Demographic - Grade 09
☐	📄 Skill Proficiency by District - Grade 09
☐	📄 SPF Summative
☐	📄 Subject Proficiency by Demographic - Grade 09
☐	📄 Subject Proficiency by District - Grade 09
☐	📄 Subject Proficiency by Grade
☐	📄 Supplemental Scores - Grade 09

SKILL PROFICIENCY BY DEMOGRAPHIC MATH - EXAMPLE

Students in or below the ACT Readiness Range

91% | 9% - Student Percentages
999 | 99 - Student Counts

In the Range | Below the Range

ACT Aspire®

Assessed Apr 4, 2022 - Apr 29, 2022

ARIZONA DEPARTMENT OF EDUCATION
Grade: 9

Skill Proficiency by Demographic Math
Summative

	Grade Level Progress		Number & Quantity		Algebra		Functions		Geometry		Statistics & Probability		Integrating Essential Skills		Justification & Explanation		Modeling	
ARIZONA DEPARTMENT OF EDUCATION	26%	74%	18%	82%	32%	68%	25%	75%	25%	75%	34%	66%	24%	76%	31%	69%	31%	69%
	22,739	63,932	15,597	71,074	27,410	59,261	21,364	65,307	22,011	64,660	29,763	56,908	20,653	66,018	26,686	59,985	27,162	59,509
Gender																		
Female	26%	74%	17%	83%	33%	67%	25%	75%	24%	76%	33%	67%	23%	77%	34%	66%	30%	70%
	10,922	31,380	7,148	35,154	13,797	28,505	10,674	31,628	10,207	32,095	13,829	28,473	9,862	32,440	14,195	28,107	12,624	29,678
Male	27%	73%	19%	81%	31%	69%	24%	76%	27%	73%	36%	64%	24%	76%	28%	72%	33%	67%
	11,681	32,059	8,327	35,413	13,462	30,278	10,540	33,200	11,642	32,098	15,749	27,991	10,680	33,060	12,368	31,372	14,388	29,352

ASPIRE 2022 – SUBJECT PROFICIENCY BY GRADE
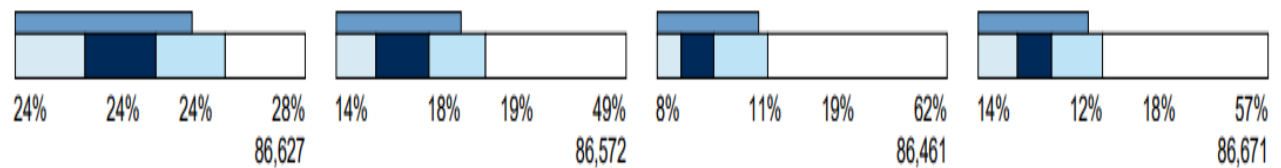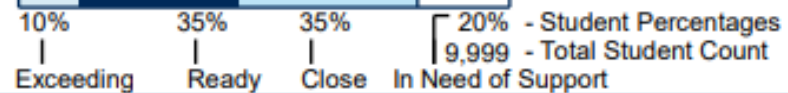
ASPIRE REPORTS – SUPPLEMENTAL SCORES SUMMATIVE

ACT Aspire

Assessed Apr 4, 2022 - Apr 29, 2022

ARIZONA DEPARTMENT OF EDUCATION
Grade: 9

Supplemental Scores
Summative

MEDIAN NATIONAL PERCENTILE RANK

English	36
Reading	38
Science	31
Math	34

Percentile: 1 25 50 75 100

The ranks show how this group performed in comparison to other grade 9 students in the nation.

For example, if the median Reading score is at the 38 percentile, the typical student in this group achieved as well as or better than 38% of the students in the nation.

ELA
423.6
Range: 403-449

English, Reading and Writing Combined Score

The ELA (English Language Arts) score represents your group's overall performance on the English, Reading and Writing tests. The ACT Readiness Benchmark for ELA indicates whether students are on target to meet ACT's College Readiness Benchmark in ELA when they are in 11th grade.

Percent and Count of Students Meeting/Below Benchmark

Below	Meets
68%	32%
56,401	27,143
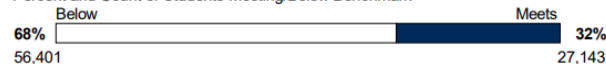
The ability to communicate thoughts and ideas clearly and to read, understand, and apply critical analysis to a range of texts is foundational to academic success in all subjects.

PROGRESS WITH TEXT COMPLEXITY
33%
Sufficient Progress

Students must read and understand increasingly complex texts to prepare for the reading demands of college and career. Examples of factors that contribute to text complexity are vocabulary level, sentence structure, and rhetorical structure. The reading test measures progress with text complexity by assessing understanding of texts from a range of complexity levels.

Progress Distribution: Percent and Count

Insufficient Progress	Sufficient Progress
67%	33%
57,582	28,990
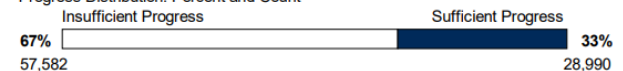
In order to read complex texts, students need reading experiences with increasingly complex texts from a variety of genres across disciplines. Reading routines should include careful reading of challenging texts with a focus on problem-solving unfamiliar language and concepts that are central to the meaning.

ASPIRE REPORTS – SUPPLEMENTAL SCORES SUMMATIVE

STEM
422.1
Range: 400-455

Science and Math Combined Score

The STEM (Science, Technology, Engineering and Math) score represents your group's overall performance on the Science and Math tests. The ACT Readiness Benchmark for STEM indicates whether students are on target to meet ACT's College Readiness Benchmark in STEM when they are in 11th grade.

Percent and Count of Students Meeting/Below Benchmark

Below		Meets
90%		**10%**
77,019		8,971
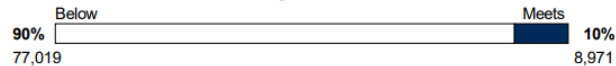
Strong science and math skills are important for STEM majors and could lead to a rewarding STEM career.

Help your students prepare by encouraging them to take challenging high school or vocational courses in science and math. This will improve their opportunities to pursue STEM careers in a wide variety of industries, such as Health Care, Engineering, Education and Technology.

PROGRESS TOWARD CAREER READINESS
422.3
Range: 400 - 452

Progress Toward Career Readiness is an early indicator of your group's future achievement on the ACT National Career Readiness Certificate (NCRC). The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations. The distribution below shows how your group's ACT Aspire Composite scores relate to progress toward a Bronze, Silver, Gold, or Platinum level on the ACT NCRC.

Predicted Career Readiness Distribution: Percent and Count

None	Bronze	Silver	Gold	Platinum
2% (1,711)	45% (38,807)	29% (24,515)	14% (11,848)	10% (8,458)

Learn how NCRC performance relates to job skill requirements: http://www.act.org/workkeys/briefs/files/NCRCRequirements.pdf

This information is not to be considered a substitute for actual performance on the ACT NCRC.

CURRENT PROGRESS SUMMATIVE
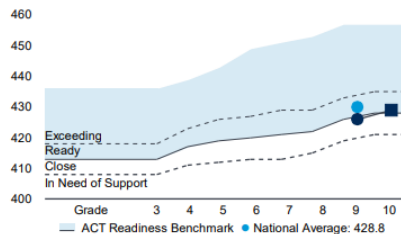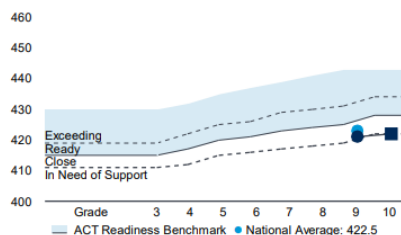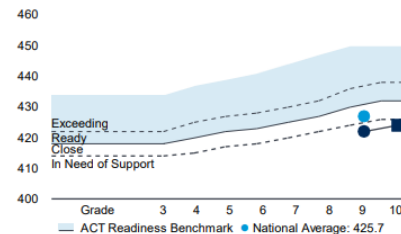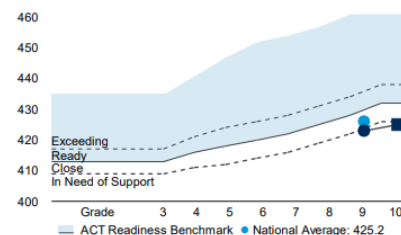
CURRENT PROGRESS SUMMATIVE

AVERAGE COMPOSITE SCORE	AVERAGE PREDICTED ACT COMPOSITE SCORE
422.3	17.6
	36 Maximum

ABOUT PROGRESS

The progress charts summarize the performances of students in ARIZONA DEPARTMENT OF EDUCATION with respect to the ACT Readiness Levels.

Blue triangles plot average (mean) scores for current students who also have a prior year test score. If blue triangles are not shown, prior year scores are unavailable.

Based on all current students, the blue circle and square plot current year average scores and predicted average scores for future ACT Aspire assessments. For grades 7-10, predicted average 11th grade ACT test scores are presented.

Score projections assume typical academic growth.

All Your Students
● Current Average
■ Predicted Average

Your Students with Score History
▲ Past Average

ACT READINESS BENCHMARKS

❖The Benchmarks are scores on the ACT subject-area tests that represent the level of achievement required for students.

❖To have a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in corresponding credit-bearing first-year college courses.

❖These college courses include English composition, college algebra, introductory social science courses, and biology.

❖Based on a sample of 214 institutions and more than 230,000 students from across the United States, the Benchmarks are median course placement values for these institutions and as such represent a typical set of expectations.

ACT BENCHMARKS

The ACT Benchmarks

ACT Score	College Courses	ACT College Readiness Benchmark
English	English Composition I	18
Mathematics	College Algebra	22
Reading	American History, Other History, Psychology, Sociology, Political Science, Economics	22
Science	Biology	23
STEM	Calculus, Chemistry, Biology, Physics, Engineering	26
ELA	English Composition I, American History, Other History, Psychology, Sociology, Political Science, Economics	20

ACT REPORTING CATEGORIES

Test	Number of Questions	Reporting Categories
English	75	Production of Writing (29-32%) Knowledge of Language (13-19%) Conventions of Standard English (51-56%)
Mathematics	60	Preparing for higher math (57-60%) • Number & Quantity (7–10%) • Algebra (12–15%) • Functions (12–15%) • Geometry (12–15%) • Statistics & Probability (8–12%) Integrating essential skills (40-43%) Modeling
Reading	40	Key ideas and details (55-60%) Craft and structure (25-30%) Integration of knowledge and ideas (13-18%)
Science	40	Interpretation of data (45-55%) Scientific investigation (20-30%) Evaluation of Models, inferences, and experimental results (25-35%)

ANN C TAYLOR
7852 W 46TH ST APT 4
WHEAT RIDGE, CO, 80033

ACT ID: 201293212
GRADUATION YEAR: 2022

DOB: SEPTEMBER 01, 2003
GENDER: FEMALE

TEST DATE: APRIL 2021
HIGH SCHOOL CODE: 061-450
WHEAT RIDGE SENIOR HIGH SCHOOL

The **ACT**®

High School Report

SUPER SCORE	22	21 Oct 2020	20 Oct 2020	21	24 Apr 2021	23 Apr 2021	8 Apr 2021	24

21 COMPOSITE	**19** MATH	**18** SCIENCE	**19** STEM	**24** ENGLISH	**23** READING	**8** WRITING	**24** ELA

The writing test scores range from 2-12.
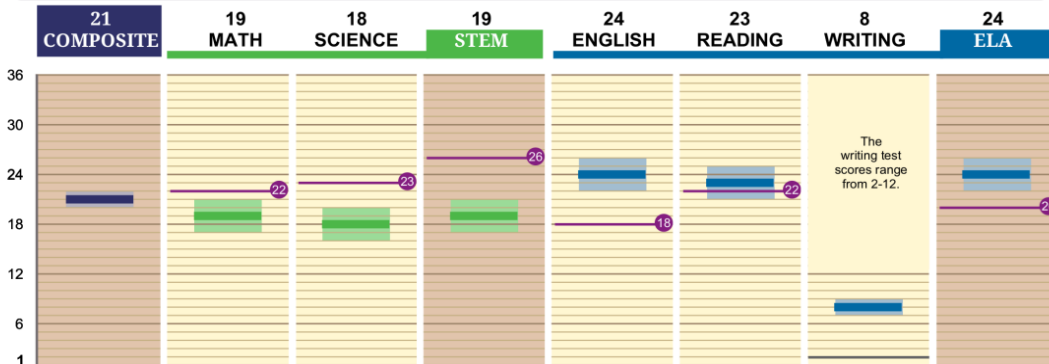
Student Score
- Score
- Score Range

ACT College Readiness Benchmarks
◆— Readiness Benchmark

If the student's score is at or above the Benchmark, he or she will likely be ready for first-year college courses in the corresponding subject area. There is currently no Benchmark for writing.

Student's Score Range

Test scores are estimates of the student's educational development. Think of true achievement on this test as being within a range that extends about one standard error of measurement, or about 1 point for the Composite and writing scores, and 2 points for STEM, ELA, and the other test scores, above and below the student's score.

Detailed Results

MATH 19

Preparing for Higher Math	15 of 35	43%
• Number & Quantity	3 of 5	60%
• Algebra	4 of 8	50%
• Functions	2 of 8	25%
• Geometry	4 of 8	50%
• Statistics & Probability	2 of 6	33%
Integrating Essential Skills	11 of 25	44%
Modeling	12 of 21	57%

ACT Readiness Range

SCIENCE 18

Interpretation of Data	10 of 18	56%
Scientific Investigation	2 of 10	20%
Evaluation of Models, Inferences & Experimental Results	4 of 12	33%

ACT Composite Score: ACT Math, Science, English, and Reading test scores and the Composite score range from 1 to 36. For each test, we converted the student's number of correct answers into a score within that range. The student's Composite score is the average of his or her scores on the four subjects rounded to the nearest whole number. If the student left any test completely blank, that score is reported as two dashes and no Composite score is computed.

STEM: Sciences, Technology, Engineering and Math **ELA:** English Language Arts

ACT Readiness Range: This range indicates how students who met the ACT College Readiness Benchmark on this subject test would be expected to perform.

ENGLISH 24

Production of Writing	17 of 23	74% ✓
Knowledge of Language	10 of 12	83% ✓
Conventions of Standard English	29 of 40	73% ✓

ACT Readiness Range

READING 23

Key Ideas & Details	17 of 24	71% ✓
Craft & Structure	5 of 10	50%
Integration of Knowledge & Ideas	5 of 6	83% ✓

Below	Proficient	Above

Understanding Complex Texts:

Understanding Complex Texts: This indicator lets you know if you are understanding the central meaning of complex texts at a level that is needed to succeed in college courses with high reading demand.

WRITING 8

Ideas & Analysis	8
Development & Support	8
Organization	9
Language Use & Conventions	8

If the student took the writing test, the essay was scored on a scale of 1 to 6 by two raters in each of the four writing domains. These domains represent essential skills and abilities that are necessary to meet the writing demands of college and career. The domain scores, which range from 2 to 12, are each a sum of the two raters' scores. The writing score is the average of the student's four domain scores rounded to the nearest whole number. To learn more about the writing score, visit www.act.org/the-act/writing-scores.
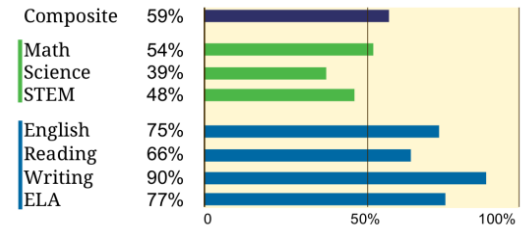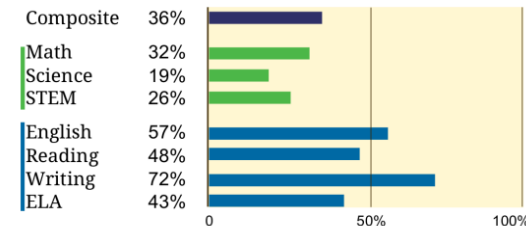
Ranking Results

The student's ranks tell you the approximate percentages of recent high school graduates in the US and your state who took the ACT® test and received scores that are the same as or lower than the student's scores. For example, a rank of 56 for the student's Composite score means 56% of students earned that Composite score or below.

US Rank

Composite	59%
Math	54%
Science	39%
STEM	48%
English	75%
Reading	66%
Writing	90%
ELA	77%

State Rank

Composite	36%
Math	32%
Science	19%
STEM	26%
English	57%
Reading	48%
Writing	72%
ELA	43%

Progress Toward the ACT National Career Readiness Certificate®

This indicator provides an estimate of the ACT National Career Readiness Certificate (ACT NCRC®) that students with this ACT Composite score are likely to obtain. The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations.

Composite Score

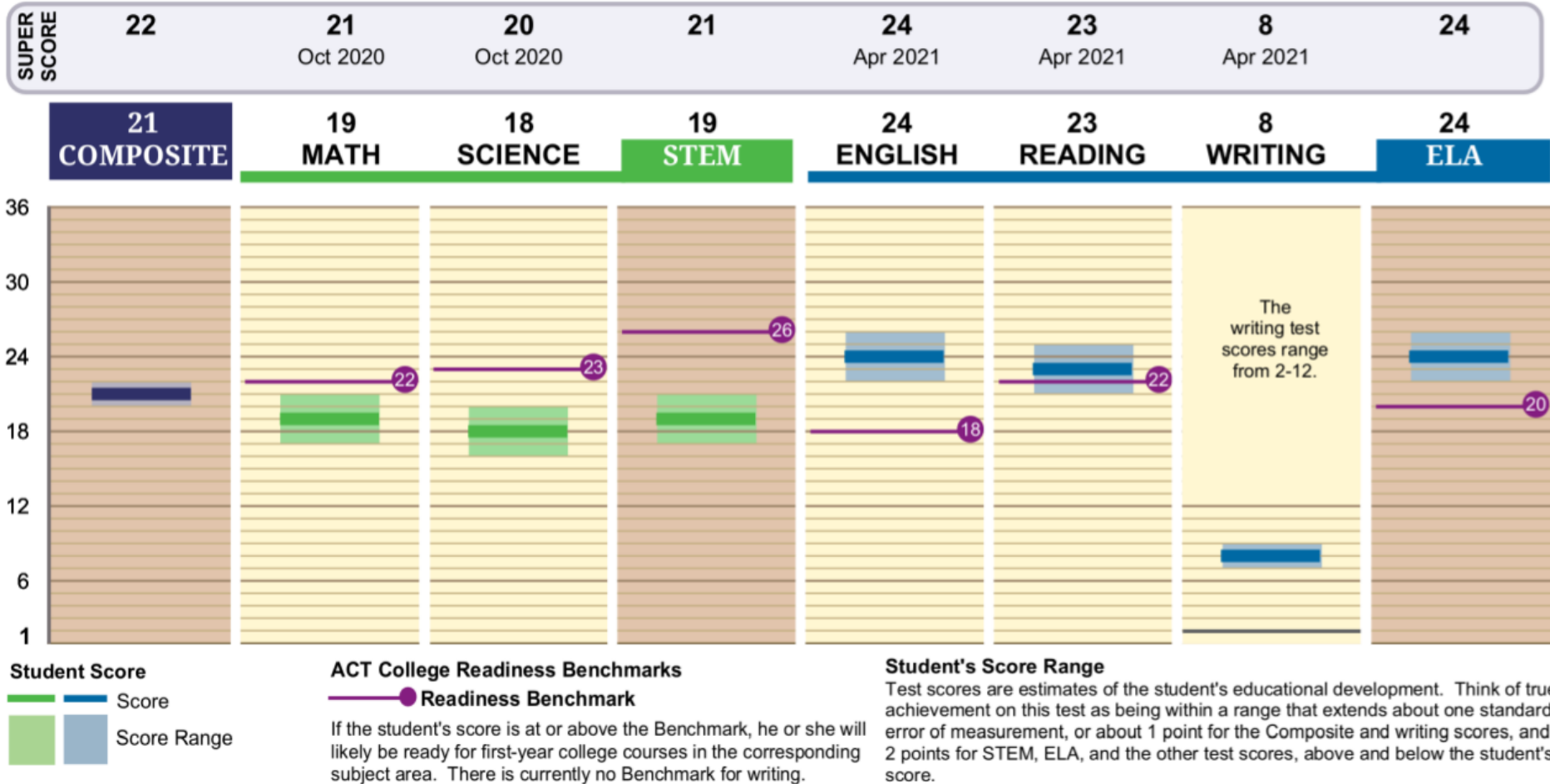|	Bronze	Silver	Gold	Platinum

21

1 Scale 36

Students with this ACT Composite score are likely to obtain a Silver level NCRC.

Dashes (-) indicate information was not provided or could not be calculated.

ANN C TAYLOR
7852 W 46TH ST APT 4
WHEAT RIDGE, CO, 80033
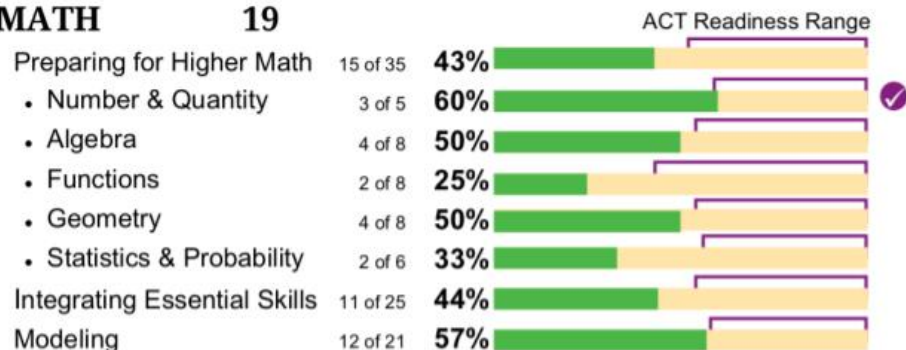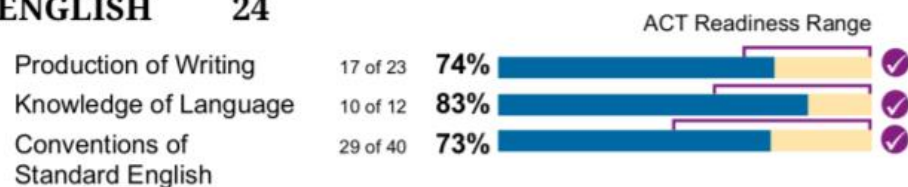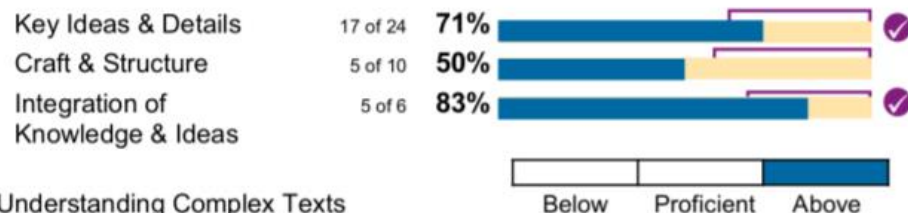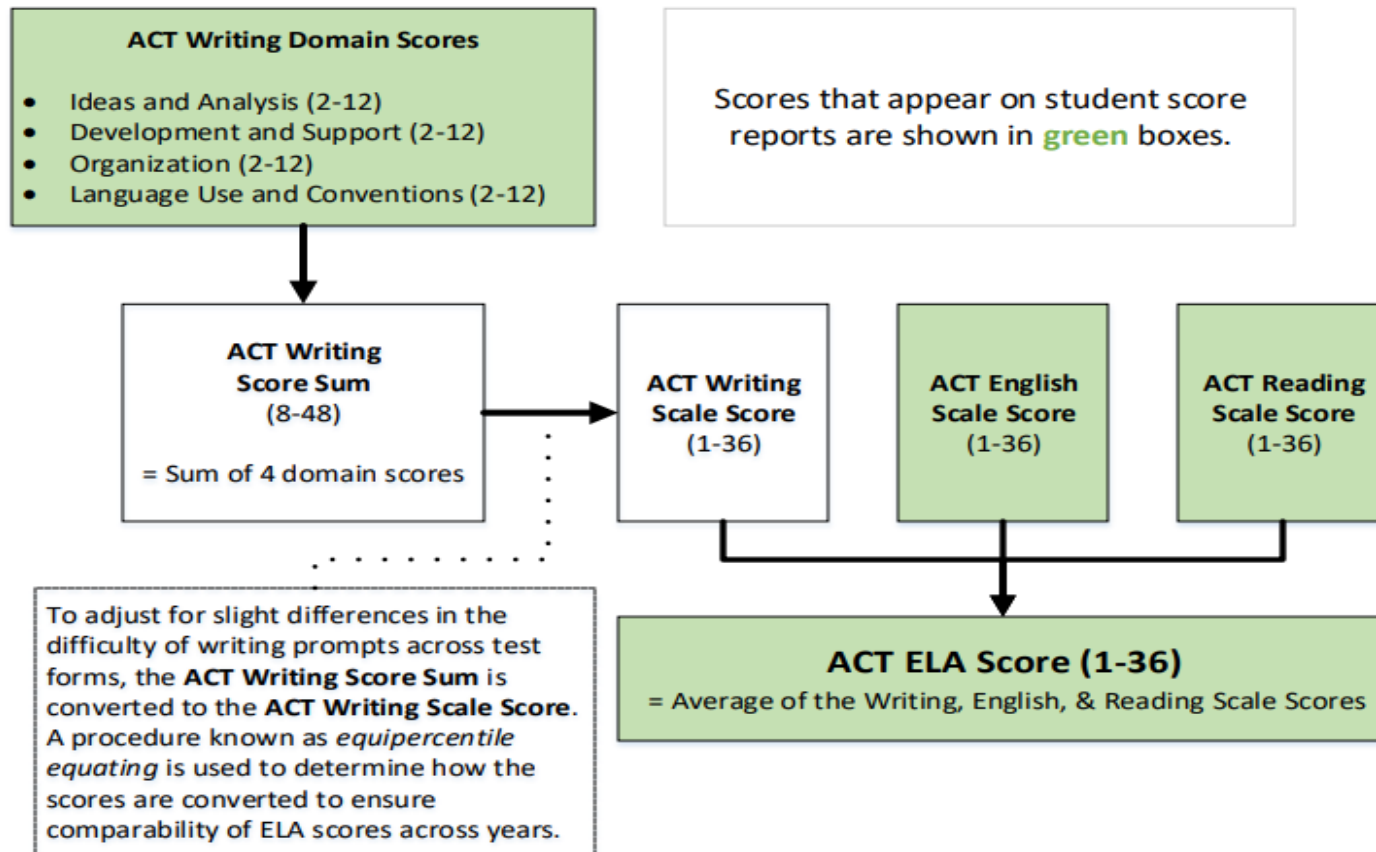
ACT ID: 201293212
GRADUATION YEAR: 2022

DOB: SEPTEMBER 01, 2003
GENDER: FEMALE

TEST DATE: APRIL 2021
HIGH SCHOOL CODE: 061-450
WHEAT RIDGE SENIOR HIGH SCHOOL

SUPER SCORE	22	21 Oct 2020	20 Oct 2020	21	24 Apr 2021	23 Apr 2021	8 Apr 2021	24

21 COMPOSITE	19 MATH	18 SCIENCE	19 STEM	24 ENGLISH	23 READING	8 WRITING	24 ELA

Student Score
- ▬ Score (green / blue)
- ▬ Score Range (light green / light blue)

ACT College Readiness Benchmarks
●▬ Readiness Benchmark

If the student's score is at or above the Benchmark, he or she will likely be ready for first-year college courses in the corresponding subject area. There is currently no Benchmark for writing.

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Test scores are estimates of the student's educational development. Think of true achievement on this test as being within a range that extends about one standard error of measurement, or about 1 point for the Composite and writing scores, and 2 points for STEM, ELA, and the other test scores, above and below the student's score.

The writing test scores range from 2-12.

Detailed Results

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ELA SCORE ON THE ACT

ACT Writing Domain Scores

- Ideas and Analysis (2-12)
- Development and Support (2-12)
- Organization (2-12)
- Language Use and Conventions (2-12)

Scores that appear on student score reports are shown in green boxes.

ACT Writing Score Sum (8-48)

= Sum of 4 domain scores

ACT Writing Scale Score (1-36)

ACT English Scale Score (1-36)

ACT Reading Scale Score (1-36)

To adjust for slight differences in the difficulty of writing prompts across test forms, the **ACT Writing Score Sum** is converted to the **ACT Writing Scale Score**. A procedure known as *equipercentile equating* is used to determine how the scores are converted to ensure comparability of ELA scores across years.

ACT ELA Score (1-36)

= Average of the Writing, English, & Reading Scale Scores

®

ACT HS Report - Rankings

Ranking Results

The student's ranks tell you the approximate percentages of recent high school graduates in the US and your state who took the ACT® test and received scores that are the same as or lower than the student's scores. For example, a rank of 56 for the student's Composite score means 56% of students earned that Composite score or below.

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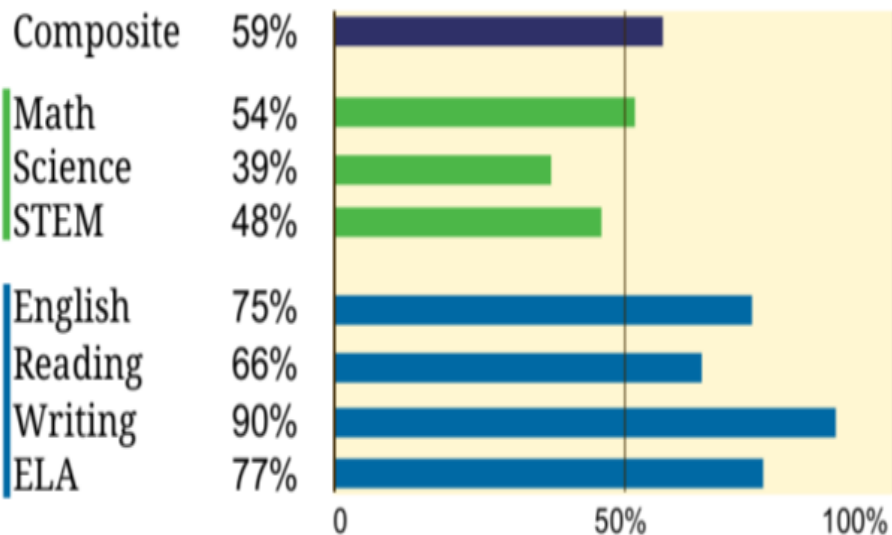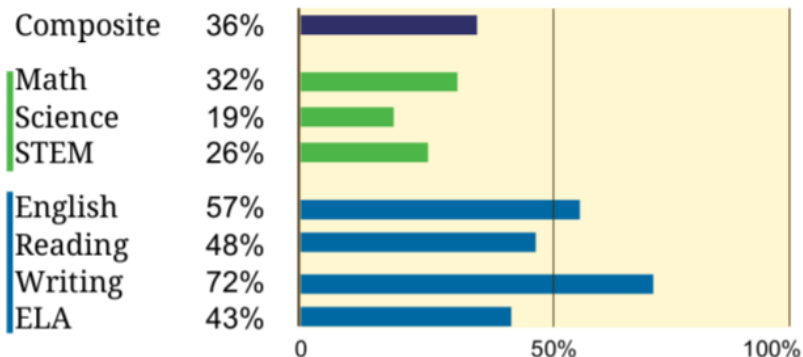
ACT – Individual Student Report (ISR)

ACT LIST OF DATA ELEMENTS AVAILABLE

ACT LIST OF DATA ELEMENTS AVAILABLE

ACT PROFILE REPORT IN PAN

Figure 2.2. English Reporting Categories
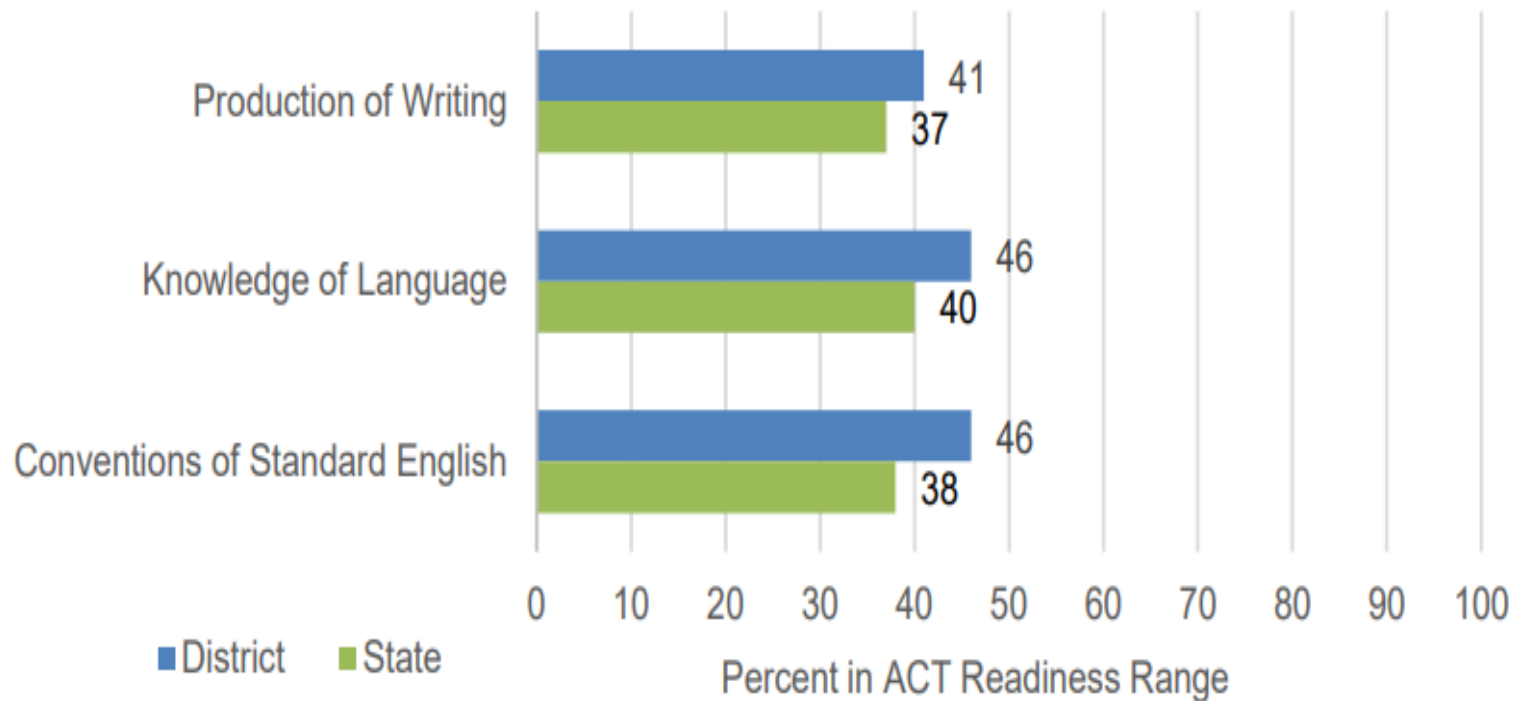
ACT PROFILE REPORT IN PAN

Figure 2.4. Reading Reporting Categories
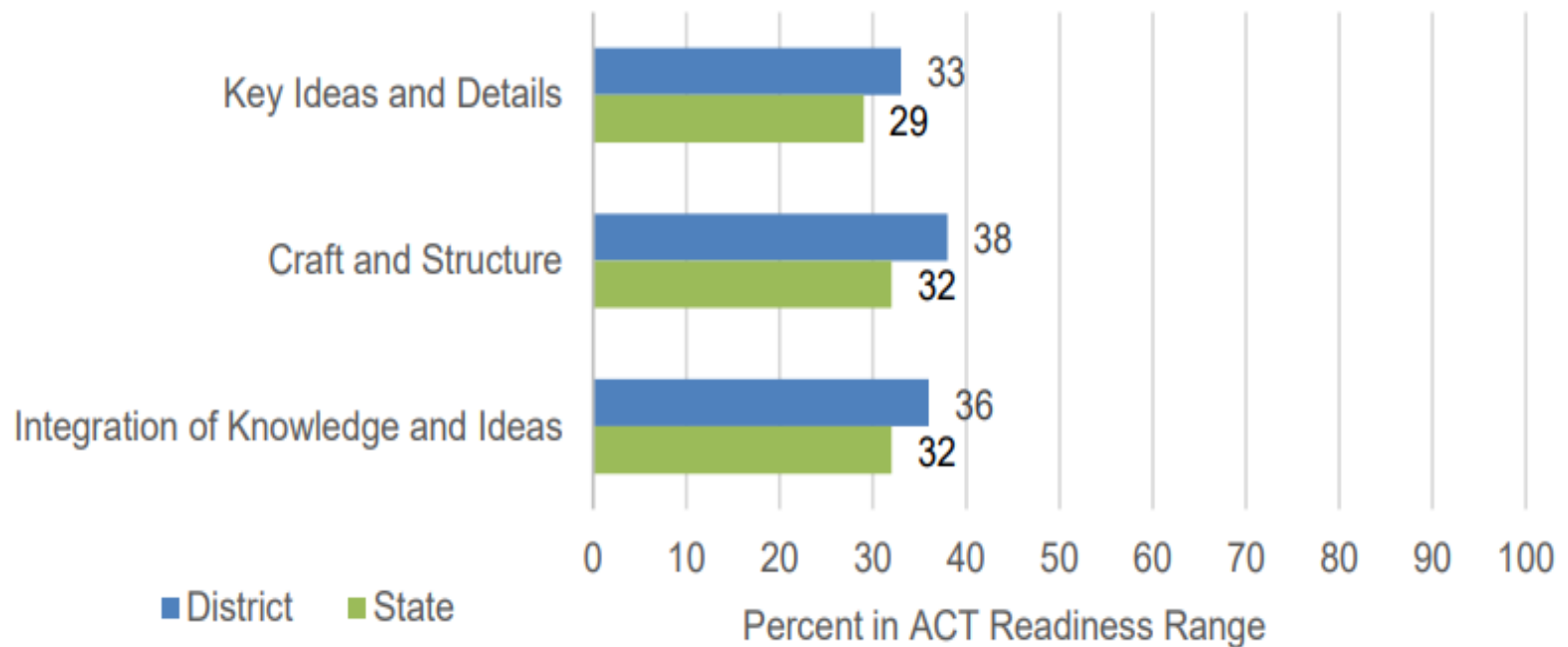
ACT PROFILE REPORT IN PAN

Figure 2.5. Science Reporting Categories
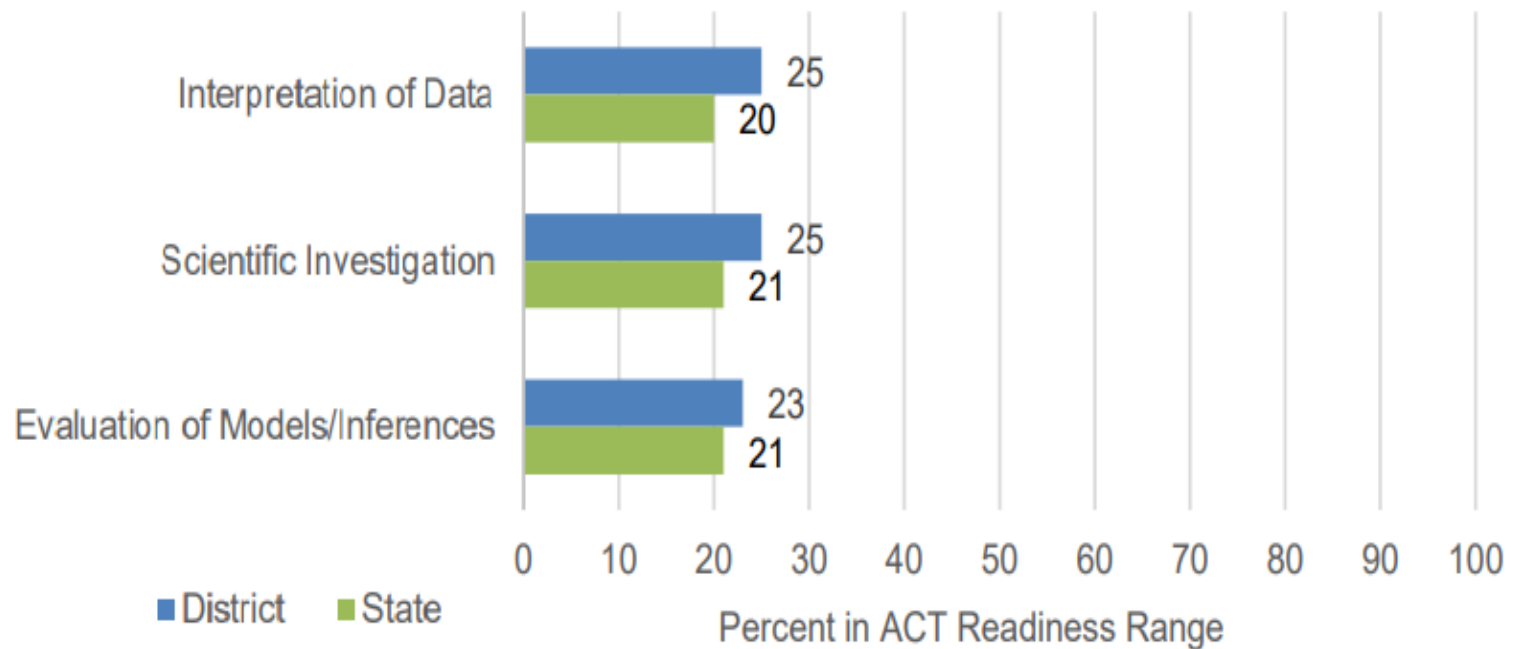
ACT PROFILE REPORT IN PAN

Figure 2.3. Math Reporting Categories
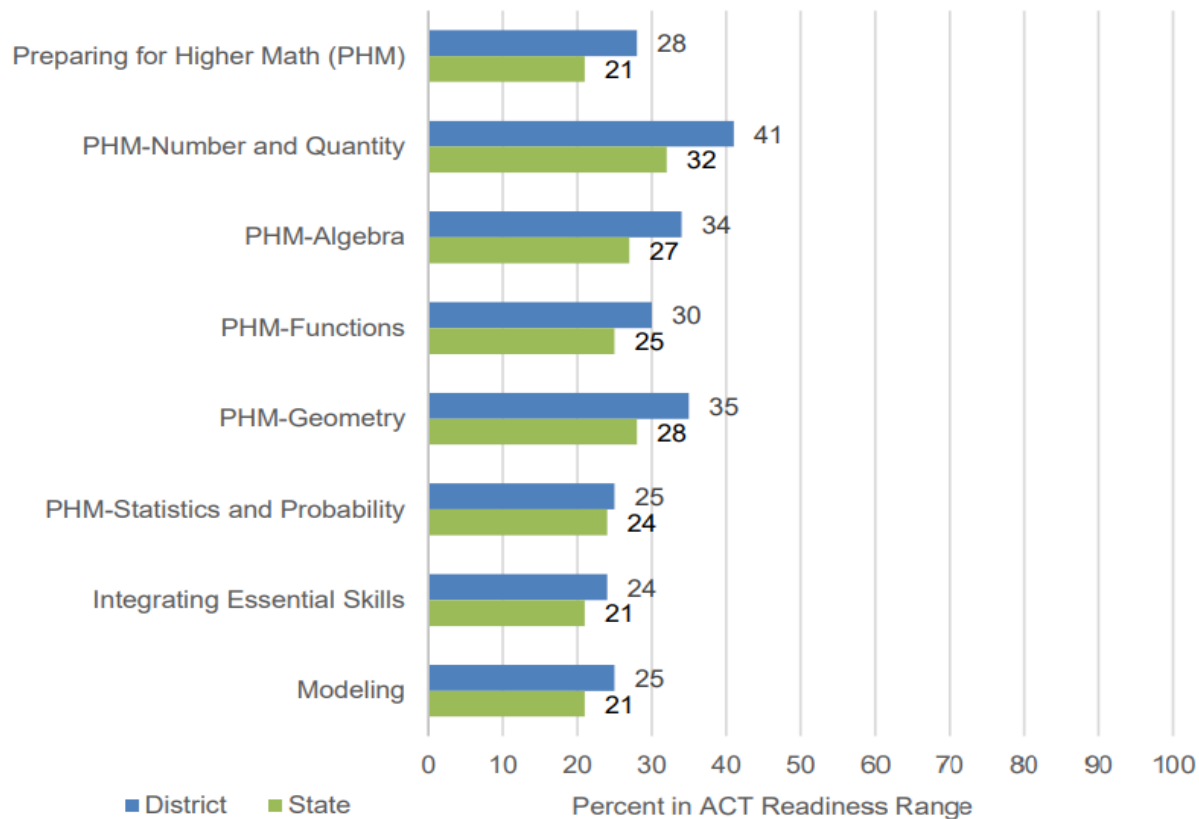
ACT AGGREGATE DATA

Table 2.5. Average ACT Scores by Gender

Student Group	Gender [1]	N	Percent	English	Mathematics	Reading	Science	Composite	STEM
District	Males		46	17.8	19.5	18.9	19.0	18.9	19.5
	Females		49	17.7	18.2	18.7	18.1	18.3	18.4
	Other Responses		6	17.2	17.9	17.7	17.8	17.8	18.2
State	Males	36,444	48	16.2	18.0	17.5	17.9	17.5	18.2
	Females	35,684	47	17.1	17.5	18.2	17.6	17.7	17.8
	Other Responses	3,817	5	17.5	17.7	18.7	17.9	18.1	18.0

ACT – PROFILE REPORT SUMMARY

Table 1.1. Five Year Trends—Percent of Students Who Met College Readiness Benchmarks

Year	Number of Students Tested		Percent Who Met Benchmarks									
			English		Mathematics		Reading		Science		Met All Four	
	District	State	District	State	District	State	District	State	District	State	District	State
2017-2018		13,136	.	44	.	30	.	32	.	25	.	16
2018-2019		0	.	.	.	.	.	.	.	.	.	.
2019-2020		0	.	.	.	.	.	.	.	.	.	.
2020-2021		42,386	.	41	.	25	.	29	.	21	.	14
2021-2022		**75,945**	**46**	**40**	**28**	**21**	**35**	**29**	**23**	**19**	**17**	**13**

Table 1.2. Five Year Trends—Average ACT Scores

Year	Number of Students Tested		Average ACT Scores									
			English		Mathematics		Reading		Science		Composite	
	District	State	District	State	District	State	District	State	District	State	District	State
2017-2018		13,136	.	17.6	.	19.1	.	19.1	.	18.9	.	18.8
2018-2019		0	.	.	.	.	.	.	.	.	.	.
2019-2020		0	.	.	.	.	.	.	.	.	.	.
2020-2021		42,386	.	16.8	.	18.2	.	18.3	.	18.0	.	18.0
2021-2022		**75,945**	**17.7**	**16.7**	**18.8**	**17.8**	**18.7**	**17.9**	**18.5**	**17.8**	**18.6**	**17.7**

Table 1.6. Five Year Trends—Achievement in STEM[1]

| | All Tested Students | | | | | | Students Meeting STEM Benchmarks | | | |
| | Number of Students Tested | | Avg. STEM Score | | Percent Meeting STEM Benchmark | | Avg. Mathematics Score | | Avg. Science Score | |
Year	District	State	District	State	District	State	District	State	District	State
2017-2018		13,136	.	19.3	.	11	.	28.1	.	27.8
2018-2019		0	.	.	.	.	.	.	.	.
2019-2020		0	.	.	.	.	.	.	.	.
2020-2021		42,386	.	18.4	.	9	.	28.8	.	28.2
2021-2022		**75,945**	**18.9**	**18.0**	**11**	**9**	**29.3**	**29.2**	**28.0**	**28.5**

[1] The STEM score describes students' overall proficiency in mathematics and science.

Table 1.7. Proficiency In Understanding Complex Texts[1]

	Text Complexity Proficiency Level																	
	Below Proficient						Proficient						Above Proficient					
	N		Percent		Avg. Reading		N		Percent		Avg. Reading		N		Percent		Avg. Reading	
Year	District	State	District	State	District	State	District	State	District	State	District	State	District	State	District	State	District	State
2017-2018		8,281	.	63	.	15.6	0	3,340	.	25	.	23.1	0	1,515	.	12	.	29.7
2018-2019		0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2019-2020		0	.	.	.	.	0	0	.	.	.	.	0	0	.	.	.	.
2020-2021		27,925	.	66	.	14.6	0	9,673	.	23	.	22.9	0	4,788	.	11	.	30.0
2021-2022		**50,866**	**59**	**67**	**14.6**	**14.3**	**821**	**16,745**	**28**	**22**	**22.6**	**22.8**	**379**	**8,334**	**13**	**11**	**29.4**	**29.9**

ACT DETAILS

1. What is the plan for AzSCI after Spring of 2022?

    ADE will continue to utilize AzSCI as the statewide assessment for Grades 5, 8, and 11.

2. How were ACT cut scores determined?

    They were determined by a standard setting process with educators.

ACT DATA ACCESS CHANGE

Spring 2023 data

❖ Districts will need to access their data in ACT's online reporting

   system at **_success.act.org_** rather than in PAN.

❖ The data will no longer be located in both places.

FREQUENTLY ASKED QUESTIONS FOR ACT AND ACT ASPIRE

❖Does Arizona have cut scores for ACT Aspire? *No.*

❖Will this be added?

  ❖*Not at this time. Per State Board, State Accountability is utilizing ACT Aspire for participation only. LEAs can use the information contained in the ACT Aspire Report for instructional decision-making.*

❖ ACT Aspire is being discontinued by ACT. What does this mean for Arizona?

  ❖*ACT Aspire will be utilized by ADE under this contract.*

❖Will Arizona transition to administering Pre-ACT?

  ❖*Pre-ACT does not have a writing component; therefore, it cannot be used by ADE.*

FREQUENTLY ASKED QUESTIONS FOR ACT AND ACT ASPIRE

❖ When will ACT and Aspire PearsonAccess^{next} sites go live for Spring 2023?

  ❖ *ACT – will go live on November 7, 2022*

  ❖ *ACT Aspire – will go live on January 30, 2023*

❖ When will DTCs begin receiving ACT emails?

  ❖ *ACT communications to Test Coordinators are scheduled to begin on October 31, 2022.*

TEST WINDOWS AND OTHER INFORMATION

❖**Important dates for ACT and ACT ASPIRE are on our webpage.**

   ❖*https://www.azed.gov/assessment/high-school-assessments-act-and-act-aspire*

❖**Schedule of Events for each – Coming Soon**

❖**Other resources**

❖**Communicated through The Examiner**

Arizona State Standards Alignment Guide for the ACT and ACT Aspire Early High School *revised 9-20-2022*

ACT Aspire

ACT Aspire is the statewide high school achievement test, which will be administered to students in Grade 9/Cohort 2026 in Spring 2023.

While ACT Aspire is being discontinued at a national level, ACT is supporting ACT Aspire as Arizona's Grade 9/Cohort 2026 Statewide Assessment.

ACT-hosted website for Arizona PearsonAccess[next]

Contact ACT Aspire Customer Support:

855-730-0400 or Contact Form

▶ **Test Window**

▶ **Resources**

▶ **Special Paper Version Tests**

▶ **Testing Accommodations**

▶ **Reporting**

ACT

ACT is the statewide high school achievement test, which will be administered to students in Grade 11/Cohort 2024 in Spring 2023.

ACT-hosted website for Arizona PearsonAccess[next]

Contact ACT Customer Support:

General Questions:

800-553-6244, ext. 2800 or Contact Form

Arizona Questions: 319-337-1567

▶ **Test Window**

▶ **Resources**

▶ **Testing Accommodations**

▶ **Reporting**

▶ **ACT Cut Scores**

Questions

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Thank you!

For questions, please contact us at:

Testing@azed.gov