Welcome

Find a seat, enjoy breakfast and meet your colleagues.

We will begin at 9:00.

WIFI Information

- Network: Guest_Portal

- No password. Just agree to the terms and conditions.

Please make sure to check-in and complete
your prediction sheet

ACT®

ACT Data: Accelerating your School and Student Success 2.0

Feb 29
BEST. DAY.
EVER.

Agenda

- Work within the ACT Online Reporting portal to identify key data points in ACT, PreACT, and PreACT 8/9

- Complete data catchers for ACT, PreACT, and PreACT 8/9

- Identify data to assist in discussion/decisions around areas of strengths and opportunities in college and career readiness

- Track longitudinal cohort data

*You may want to consider creating a folder on your desktop to save any reports that you use today.

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Active Engagement Norms

- Prepare for productive struggle

- Ask questions

- Be present and engage fully

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Is the ACT still relevant and important?

Absolutely, and here's why

- **ADMISSIONS** for athletes into the college/university of which they are recruited to play.
- **ACCEPTANCE** into some MAJORS and/or PROGRAMS within a college/university (e.g. nursing, engineering, honors programs)
- **MERIT SCHOLARHIPS** because a college/university can still require a minimum ACT score and minimum GPA.
- **LOCAL SCHOLARSHIPS** which might still ask for ACT scores as a way to compare applicants.
- **DUAL ENROLLMENT** courses because high schools often use ACT scores for entry into college-level courses
- **OPENS** the door to OPPORTUNITIES

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TOPS Opportunity

Award	Initial Eligibility Requirements	Award Per Semester
TOPS Opportunity	ACT Score of 20	$3,731.49/yr (LSU)
	GPA 2.50 (TOPS University)	$2,826.10/yr (SELU) $2,118.11/yr (SU)
TOPS Performance	ACT Score of 23	$4,131.49/yr (LSU)
+$400	GPA 3.25 (TOPS University)	
TOPS Honors	ACT Score of 27	$4,531.49/yr (LSU)
+$800	GPA 3.5 (TOPS University)	
TOPS Tech	ACT Score of 17	$3,214.15/yr (RPCC)
	GPA 2.5 (TOPS Tech) WorkKeys - Silver	$3,086.08/yr (BRCC) $3,214.15/yr (Northshore Tech)

https://mylosfa.la.gov/wp-content/uploads/Current-Year-TOPS-Funding.pdf

How many opportunities and how much $$$ did our students ==miss out on== due to an ACT score? (2022)

Total Graduating Students	Received FAFSA TOPS Applications	Students Eligible for TOPS	Recipients at Each Level
52,678	38,268	25,205	Honors - 2,964
			Performance - 4,441
			Opportunity - 6,475
			TOPS Tech – 1,470

Increasing the ACT composite scores of students would increase scholarship opportunities and reduce the need for remediation in college!

How much money was left on the table?

ACT®

https://mylosfa.la.gov/wp-content/uploads/TOPS-Eligibles-by-School-and-Parish-2022.pdf

ACT and Admissions

In any case, if a student feels their test score is representative of their performance or will be a benefit to their application, it is recommended they submit the score.

SOUTHERN UNIVERSITY
AND AGRICULTURAL & MECHANICAL COLLEGE

FRESHMEN (High School graduate with no college experience):

1. Board of Regents' Core: 19 units (list attached)

2. Minimum overall high school GPA: 2.0 (weighted average on 4.0 scale)

3. Minimum ACT sub score: English ≥18 or Math ≥19* or

4. Minimum SAT sub score: Critical Reading ≥450 or Math ≥460-470

*The student cannot need more than one development/remedial course

*And ONE of the following

GPA on the high school Core: 2.0 (weighted averaged on 4.0 scale)

Or ACT Composite Score : 20

LOUISIANA TECH UNIVERSITY

Louisiana Tech University is a selective admission university. We take your high school coursework, your high school GPA, and test scores (ACT or SAT) into consideration for admission. Our application opens in mid-July and

Nicholls State University

UNIVERSITY of LOUISIANA LAFAYETTE

Requirements for all freshmen

- 18 ACT English/500 SAT Evidence-Based Reading & Writing/ 250 Accuplacer Writing or 3.0 Overall high school GPA (unweighted) 19 ACT Math/ 510 SAT Math/ 250 Accuplacer QAS Math or 3.0 Overall high school GPA (unweighted)

- 2.0 cumulative GPA (unweighted)

(a) Louisiana high school graduates must meet all of the following:

- Completion of the Regents' Core4 Curriculum (19 units), beginning with the class of 2012;
- Have a minimum overall high school grade-point average of 2.0;
- Have at least a 21 ACT composite score, 1060 SAT composite score, OR a minimum overall high school grade-point average of 2.35/4.0; and
- Have no need for a developmental English or math course.

LSU UNDERGRADUATE ADMISSIONS

LSU is test optional. You will indicate on the Common Application whether or not you would like your ACT or SAT scores included in your evaluation for admission and university-administered scholarships.

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SOUTHEASTERN LOUISIANA UNIVERSITY

Incoming Freshmen

- Student must have at least a 3.0 cumulative high school grade point average AND
- Student must have a minimum 24 composite score on the ACT.

university of new orleans

- Complete the Louisiana Board of Regents' high school Core 4 curriculum (19 units)

AND

- Minimum 2.0 grade point average on a 4.0 scale

Additionally, **IN-STATE** freshman must meet **ONE** of the following requirements:

1. **High School Core GPA:** Louisiana Core 4 curriculum, core GPA of at least 2.5

   OR

2. **ACT/SAT:** ACT composite of at least 23 (1140 SAT)
   * Students who do not submit test scores must take Accuplacer exam. Learn more here.

Option 1 - Test Optional

XAVIER UNIVERSITY

Xavier University offers test-optional admission. It is your choice to include ACT or SAT scores as part of your application. Indicate your choice within your application for admission. If you are considering this option, visit our Test Optional Admission FAQ and contact your admission counselor with questions.

LOYOLA UNIVERSITY NEW ORLEANS

- Loyola is a test blind institution. SAT and ACT scores will not be considered during the admissions process. See our Test Blind FAQ for more information.
  - Applicants who should still submit their test scores:
    - **Louisiana applicants:** Please submit qualifying SAT or ACT scores, as required by the Louisiana Office of Financial Student Assistance (LOFSA). Loyola will use the score to determine TOPS eligibility, but it will not factor the test score into an admissions decision.
    - **Recruited athletes:** Test scores can be used as an option to confirm your National Association of Intercollegiate Athletics (NAIA) eligibility. Please visit the NAIA Eligibility Center for the more information.

GRAMBLING STATE UNIVERSITY

- **Application for Admission**
- **Non-refundable $20 application fee.** *Application fee waivers are not allowed.* Application fees can be paid:
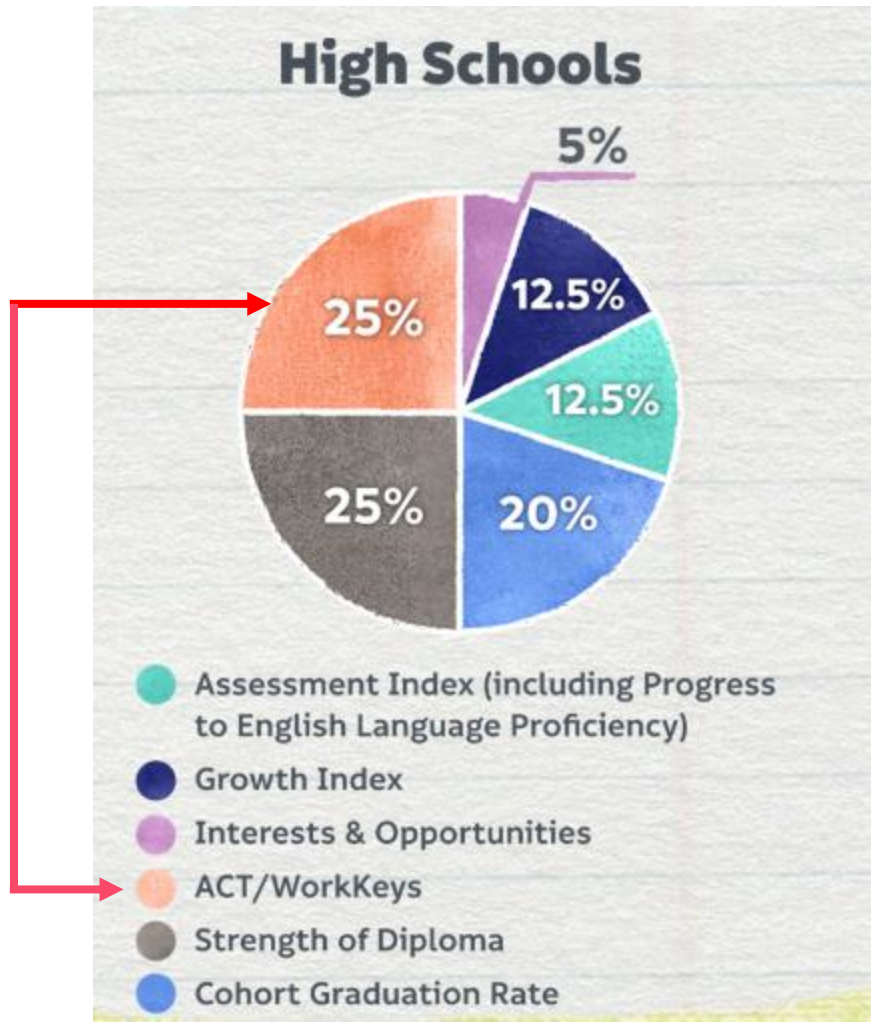- Online when submitting the web application.
- By mail with a money order or check.
- By credit card by calling (318) 274-2617 or 274-6253.
- **ACT or SAT scores.** Test scores are required of all freshman students. Scores may be faxed to 318-274-3292.
- **GSU Test Codes:** ACT: 1582 and SAT: 6250
- **Official High School Transcript** (New Freshman Applicants) - *Please Note: Transcripts can be faxed to 318-274-3292.*

Public School Accountability Formula

High Schools

- 5% — Interests & Opportunities
- 12.5% — Growth Index
- 12.5% — Assessment Index (including Progress to English Language Proficiency)
- 20% — Cohort Graduation Rate
- 25% — Strength of Diploma
- 25% — ACT/WorkKeys

Legend:
- Assessment Index (including Progress to English Language Proficiency)
- Growth Index
- Interests & Opportunities
- ACT/WorkKeys
- Strength of Diploma
- Cohort Graduation Rate

ACT Quadrant is worth 25% of a school's SPS.

- **More** than LEAP – 12.5%
- **More** than Progress – 12.5%
- **More** than Graduation Rate – 20%
- Equal to Strength of Diploma – 25%
- **More** than I & O – 5%

Letter Grade	2022-2023	2023-2024	2024-2025 & Beyond
A	90.0-150.0	95.0-150.0	100.0-150.0
B	75.0-89.9	80.0-94.9	85.0-99.9
C	60.0-74.9	65.0-79.9	70-84.9
D	50.0-59.9	50.0-64.9	50.0-69.9
F	0.0-49.9	0.0-49.9	0.0-49.9

Louisiana SPS Calculator

SPS Calculator

*Include full academic year (FAY) students only in the above ACT Index calculation. This includes 12th graders who graduated in December 2022 and students who graduate from grade 11.

*Grade 12 repeating students included in previous years' SPS are excluded from ACT in 2022-23.

*Students taking LEAP Connect assessments are not required to take the ACT but are included in assessment and graduation portions.

*Student performance on the WorkKeys shall be included within the ACT index if a student takes both assessments but the WorkKeys score yields more points than on the ACT. Student should only be included once, either with ACT or WorkKeys but not both.

ACT Index			
ACT Composite Score	ACT Index Score	Grade 12 Number of Test Units	Total Points Weighted
0-17	0.0		0.0
18 / Silver	70.0		0.0
19	80.0		0.0
20	90.0		0.0
21	100.0		0.0
22 / Gold	103.4		0.0
23	106.8		0.0
24	110.2		0.0
25	113.6		0.0
26	117.0		0.0
27/ Platinum	120.4		0.0
28	123.8		0.0
29	127.2		0.0
30	130.6		0.0
31	134.0		0.0
32	137.4		0.0
33	140.8		0.0
34	144.2		0.0
35	147.6		0.0
36	150.0		0.0
Sum		0	0.0
ACT Index*			0.0

Louisiana SPS Calculator

ACT®

Louisiana's 2023 Graduating Class Readiness

Year	State	English	Math	Reading	Science	Composite
2021	50,101	18.1	17.8	18.8	18.6	18.4
2022	52,678	17.6	17.4	18.6	18.3	18.1
2023	52,228	17.8	17.4	18.7	18.4	18.2

Benchmark		18	22	22	23	
Percent met the benchmark		47%	19%	32%	22%	

MET ALL FOUR: 11%

MET 3 OR 4: 22%

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Subgroup information and Core vs. Non-Core

Table 1.5. Five Year Trends—Percent and Average Composite Score by Race/Ethnicity

Race/Ethnicity	2019			2020			2021			2022			2023		
	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg	N	%	Avg
All Students	54,302	100	18.8	53,488	100	18.7	50,101	100	18.4	52,678	100	18.1	52,228	100	18.2
Black/African American	17,532	32	16.3	17,227	32	16.1	14,960	30	15.8	17,084	32	15.7	17,571	34	15.7
American Indian/Alaska Native	333	1	17.4	345	1	17.1	278	1	16.7	314	1	16.5	343	1	16.4
White	24,416	45	20.9	24,035	45	20.7	22,337	45	20.5	23,606	45	20.1	23,671	45	20.2
Hispanic/Latino	3,576	7	18.3	3,693	7	18.2	3,509	7	18.1	4,309	8	17.7	4,802	9	17.6
Asian	953	2	22.7	952	2	22.7	923	2	23.1	995	2	22.7	929	2	22.7
Native Hawaiian/Other Pacific Islander	46	0	18.1	41	0	17.8	36	0	17.1	40	0	17.0	32	0	18.4
Two or more races	1,950	4	19.6	2,015	4	19.3	1,859	4	19.1	2,214	4	18.5	2,460	5	18.6
Prefer not to respond/No response	5,496	10	17.4	5,180	10	17.4	6,199	12	16.8	4,116	8	15.8	2,420	5	16.8

Figure 2.1. Average ACT Composite Scores by Race and Core Curriculum Status*
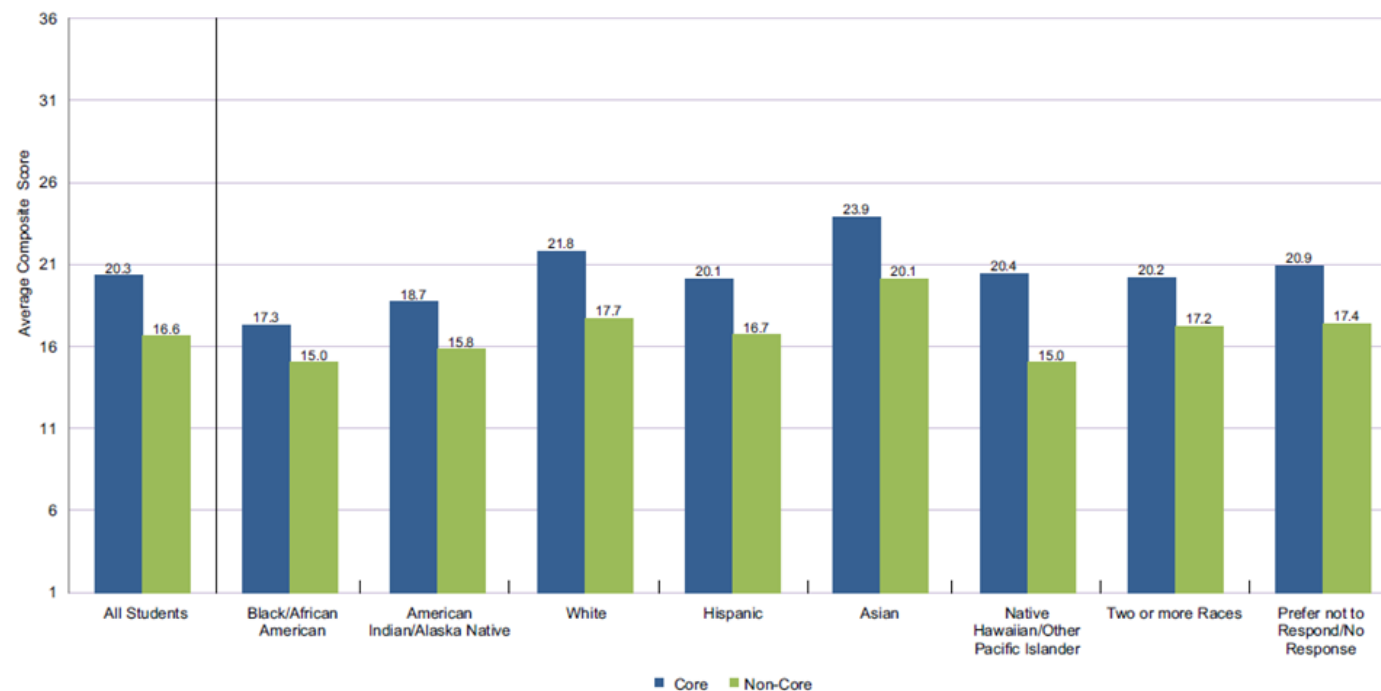
*Missing columns reflect combinations of race/ethnicity and core course-taking status in which one or both indicators are missing.

Score Distribution

Table 2.1. ACT Score Distributions, Cumulative Percents (CP¹), and Score Averages

ACT Scale Score	English N	English CP	Mathematics N	Mathematics CP	Reading N	Reading CP	Science N	Science CP	Composite N	Composite CP	STEM N	STEM CP	ELA² N	ELA² CP	ACT Scale Score
36	256	100	74	100	319	100	182	100	48	100	105	100	0	100	36
35	738	99	182	99	437	99	173	99	152	99	136	99	1	100	35
34	525	98	126	99	450	99	284	99	160	99	129	99	1	99	34
33	430	97	133	99	654	98	178	99	287	99	151	99	5	99	33
32	392	96	187	99	627	96	300	98	379	99	208	99	15	99	32
31	425	96	222	99	646	95	282	98	417	98	317	99	27	98	31
30	612	95	268	98	799	94	353	97	575	97	414	98	45	95	30
29	645	94	347	98	855	92	417	97	609	96	447	97	34	91	29
28	749	92	602	97	1,004	91	504	96	802	95	580	96	27	87	28
27	755	91	963	96	1,016	89	596	95	971	93	783	95	34	84	27
26	1,199	89	1,132	94	1,248	87	1,113	94	1,107	92	1,134	94	34	81	26
25	1,435	87	1,489	92	1,391	85	1,412	92	1,383	89	1,418	92	30	78	25
24	1,803	84	1,431	89	1,726	82	2,584	89	1,737	87	1,697	89	41	75	24
23	1,896	81	1,538	86	2,191	79	2,904	84	2,011	83	1,858	86	48	70	23
22	2,252	77	1,471	83	3,209	74	2,748	78	2,324	80	1,999	82	50	66	22
21	2,858	73	1,541	81	2,837	68	3,110	73	2,733	75	2,474	78	55	61	21
20	2,912	68	1,564	78	2,636	63	3,021	67	3,209	70	2,978	73	57	55	20
19	2,445	62	2,206	75	2,291	58	3,545	61	2,964	64	3,665	68	58	49	19
18	2,037	57	3,182	70	2,489	53	3,854	55	3,268	58	4,058	61	47	43	18
17	1,956	53	4,707	64	2,470	49	4,160	47	3,521	52	4,830	53	58	39	17
16	3,146	50	7,155	55	2,796	44	4,494	39	3,752	45	5,642	44	59	33	16
15	3,463	44	7,419	42	2,877	39	3,942	31	4,203	38	5,971	33	60	27	15
14	2,939	37	5,985	27	3,460	33	4,266	23	4,959	30	5,132	22	59	21	14
13	3,198	31	3,959	16	3,758	26	2,835	15	5,157	20	3,321	12	59	15	13
12	3,229	25	1,995	8	4,241	19	1,927	10	3,511	11	1,639	5	28	9	12
11	3,632	19	1,120	4	3,074	11	1,401	6	1,396	4	687	2	24	6	11
10	3,055	12	536	2	1,464	5	749	3	377	1	263	1	19	4	10
9	1,590	6	308	1	660	2	516	2	103	1	100	1	10	2	9
8	644	3	169	1	313	1	198	1	50	1	36	1	5	1	8
7	539	2	75	1	137	1	84	1	30	1	22	1	3	1	7
6	249	1	53	1	57	1	47	1	9	1	9	1	0	1	6
5	98	1	32	1	36	1	19	1	12	1	12	1	0	1	5
4	54	1	31	1	24	1	9	1	6	1	5	1	0	1	4
3	27	1	7	1	3	1	13	1	5	1	6	1	0	1	3
2	24	1	12	1	14	1	0	1	1	1	1	1	0	1	2
1	21	1	7	1	19	1	8	1	0	1	1	1	0	1	1
Avg (SD)	17.8 (6.7)		17.4 (4.9)		18.7 (6.4)		18.5 (5.1)		18.2 (5.3)		18.2 (4.7)		20.1 (6.1)		Avg (SD)

¹CP is the cumulative percent of students at or below a score point.
²ELA scores are derived only for students with a valid writing score.
Note: Shaded portions of columns identify the students who met/exceeded the ACT College Readiness Benchmark Scores.

ACT College and Career Readiness Standards: ELA

These Standards describe what students who score in specific score ranges on the English, reading, and writing sections of the ACT® college readiness test are likely to know and be able to do.

ENGLISH

READING*

WRITING

ACT College and Career Readiness Standards: STEM

These Standards describe what students who score in specific score ranges on the mathematics and science sections of the ACT® college readiness test are likely to know and be able to do.

ACT College & Career Readiness Standards

▸ SCIENCE

These Standards describe what students who score in specific score ranges on the science section of the ACT® college readiness assessment are likely to know and be able to do.

SCORE RANGE	INTERPRETATION OF DATA (IOD)
13–15	**IOD 201.** Select one piece of data from a simple data presentation (e.g., a simple food web diagram) **IOD 202.** Identify basic features of a table, graph, or diagram (e.g., units of measurement) **IOD 203.** Find basic information in text that describes a simple data presentation
16–19	**IOD 301.** Select two or more pieces of data from a simple data presentation **IOD 302.** Understand basic scientific terminology **IOD 303.** Find basic information in text that describes a complex data presentation **IOD 304.** Determine how the values of variables change as the value of another variable changes in a simple data presentation
20–23	**IOD 401.** Select data from a complex data presentation (e.g., a phase diagram) **IOD 402.** Compare or combine data from a simple data presentation (e.g., order or sum data from a table) **IOD 403.** Translate information into a table, graph, or diagram

Students who score in the 1–12 range are most likely beginning to develop the knowledge and skills assessed in the other ranges.

THE ACT COLLEGE READINESS BENCHMARK FOR SCIENCE IS 23. Students who achieve this score on the ACT Science Test have a 50% likelihood of achieving a B or

23

Curriculum Review Worksheets

Scores for Success in Post-Secondary

Table 2. ACT Cutoff Score Guide for Placement in First-Year College Courses

Course Type	ACT Test	Score Needed for 50% Chance of B or Higher
English Courses		
Standard Composition	English	18
Advanced Composition	English	19
Mathematics Courses		
College Algebra	Mathematics	22
Pre-Calculus	Mathematics	24
Trigonometry	Mathematics	24
Calculus	Mathematics	27
Social Science Courses		
American History	Reading	23
Other History	Reading	23
Psychology	Reading	22
Sociology	Reading	21
Political Science	Reading	22
Natural Science Courses		
Biology	Science	23
Chemistry	Science	26

More Than a Score: Scores associated with post-secondary success in credit-bearing courses

ACT® College and Career Readiness Benchmarks™

SUBJECT	THE ACT TEST
English	18
Math	22
Reading	22
Science	23
ELA	20
STEM	26

High School Graduation Year	Total 2018-19 High School (HS) Graduates	Enrolled in College 1st Fall (2019) after HS Graduation	Of those HS Graduates enrolled in College the 1st Fall (2019) after HS graduation		
		% Graduates	% 2 Year	% 4 Year	% In State
2018-2019	43414	56.6	29.1	70.9	88.7
2019-2020	44343	53.8	27.2	72.8	88.7
2020-2021	41494	53.6	25.7	74.3	88.1

ACT

ACT Blueprint

Test Section	# of Questions & Time Limit	How Much Time Per Question	Content/Skills Covered	Question Types
English	75 questions in 45 min	36 seconds	grammar & usage, punctuation, sentence structure, strategy, organization, and style	four-choice, multiple-choice usage/mechanics and rhetorical skills questions
Math	60 questions in 60 min	60 seconds	pre-algebra, elementary algebra, intermediate algebra, coordinate geometry, plane geometry, and trigonometry	**five-choice,** multiple-choice questions
Reading	40 questions in 35 min	52.5 seconds	reading comprehension of what is directly stated or implied	four-choice, multiple-choice referring and reasoning questions
Science	40 questions in 35 min	52.5 seconds	interpretation, analysis, evaluation, reasoning, and problem solving	four-choice, multiple-choice data representation, research summaries, and conflicting viewpoints questions
Writing (optional)	1 essay in 40 min	N/A	writing skills	essay prompt

ACT®

Data Catcher – Digital copy
fill-in the data as we find it

ACT Data Planning Worksheet
Pull the ACT College Readiness Standards Score Ranges and Reporting Category Scores. Review the scores to identify areas of Skill Mastery and Opportunities for Improvement.

College and Career Readiness Standards Score Ranges
Academic Year:

CCRS	English %	Math %	Reading %	Science %
33 to 36				
28 to 32				
24 to 27				
20 to 23				
16 to 19				
13 to 15				
01 to 12				

ACT Reporting Categories
Academic Year:

ACT Subject Area/Reporting Category	Number of Items	Percentage of the test	Overall Percent Met Readiness
MATH	**60**		
Preparing for Higher Math		57- 60%	
Number and Quantity		7- 10%	
Algebra		12- 15%	
Functions		12- 15%	
Geometry		12- 15%	
Statistics and 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%	
ENGLISH	**75**		
Production of Writing		29- 32%	
Knowledge of Language		13- 19%	
Conventions of Standard English		51- 56%	

Data Analysis

Strengths	
Opportunities for Improvement	
What did you notice and what stands out to you?	

English

Reporting Category Labels and Descriptions	Target Ranges	
	Number of Items	**Percentage of Test**
Production of Writing • Demonstrate an understanding of, and control over, the rhetorical aspects of texts • Identify purposes of parts of texts • Determine whether a text or parts of text have met the goal • Evaluate the relevance of material in terms of a text's focus • Use various strategies to ensure that a text is logically organized, flows smoothly, and has an effective introduction and conclusion	22-24	29-32%
Knowledge of Language • Demonstrate effective language use through ensuring precision and concision in word choice and maintaining consistency in style and tone	11-13	15-17%
Conventions of Standard English • Apply understanding of relationships between and among clauses, placement of modifiers, and shifts in sentence construction • Edit text to conform to Standard English usage • Edit text to conform to Standard English punctuation	39-41	52-55%
TOTAL	**75**	100%

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MATH

	Target Ranges	
Reporting Category Labels and Descriptions	**Number of Items**	**Percentage of Test**
Preparing for Higher Math	34-36	57-60%
Number & Quantity • Demonstrate knowledge of real and complex number systems • Understand and reason with numerical quantities in many forms, including integer and rational exponents, vectors, and matrices	4-6	7-10%
Algebra • Solve, graph, and model multiple types of expressions • Employ different kinds of equations, for example, linear, polynomial, radical, and exponential • Find solutions to systems of equations, even when represented by simple matrices, and apply their knowledge to applications	7-9	12-15%
Functions • Understand function definition, notation, representation, and application for linear, radical, piecewise, polynomial, logarithmic, and other functions • Manipulate and translate functions • Apply important features of graphs	7-9	12-15%
Geometry • Define and apply knowledge of shapes and solids, such as congruence and similarity relationships or surface area and volume measurement • Understand composition of objects • Solve for missing values in triangles, circles, and other figures, including using trigonometric ratios and equations of conic sections	7-9	12-15%
Statistics & Probability • Describe center and spread of distributions • Apply and analyze data collection methods • Understand and model relationships in bivariate data • Calculate probabilities including the related sample spaces	5-7	8-12%

Integrating Essential Skills
• Use essential skills (i.e., concepts typically learned before 8th grade, for example, rates, percentages, proportional relationships, area, surface area, volume, average, median, etc.) to…
   ○ Solve problems of increasing complexity
   ○ Combine skills in a longer chain of steps
   ○ Apply skills in more varied contexts
   ○ Understand more connections
   ○ Become more fluent
	24-26	40-43%

Modeling* • Produce, interpret, understand, evaluate, and improve models	≥ 16	≥27%
TOTAL	60	100%

*Each modeling item is also included in another reporting category.

READING

Reporting Category Labels and Descriptions	Target Ranges	
	Number of Items	Percentage of Test
Key Ideas and Details		
• Determine central ideas and themes		
• Summarize information and ideas accurately	22-24	55-60%
• Make logical inferences		
• Understand sequential, comparative, and cause-effect relationships		
Craft and Structure		
• Determine the meaning of words and phrases		
• Analyze an author's word choice rhetorically		
• Analyze text structure	10-12	25-30%
• Understand authorial purpose and perspective		
• Analyze characters' points of view		
• Differentiate between various perspectives and sources of information		
Integration of Knowledge and Ideas		
• Understand authors' claims		
• Differentiate facts and opinions		
• Use evidence to make connections between different texts that are related by topic	6-7	15-18%
• Analyze how authors construct arguments		
• Evaluate reasoning and evidence from various sources		
TOTAL	**40**	**100%**

ACT®

SCIENCE

Reporting Category Labels and Descriptions	Target Ranges	
	Number of Items	Percentage of Test
Interpretation of Data • Manipulate and analyze scientific data presented in tables, graphs, and diagrams (e.g., recognize trends in data, translate tabular data into graphs, interpolate and extrapolate, and reason mathematically)	18-22	45-55%
Scientific Investigation • Understand experimental tools, procedures, and design (e.g., identify variables and controls) • Compare, extend, and modify experiments (e.g., predict the results of additional trials)	8-12	20-30%
Evaluation of Models, Inferences, and Experimental Results • Judge the validity of scientific information • Formulate conclusions and predictions based on scientific information (e.g., determine which explanation for a scientific phenomenon is supported by new findings)	10-14	25-35%
TOTAL	**40**	**100%**

ACT®

Reporting Category Analysis

Figure 2. Example ACT Science Score Profiles
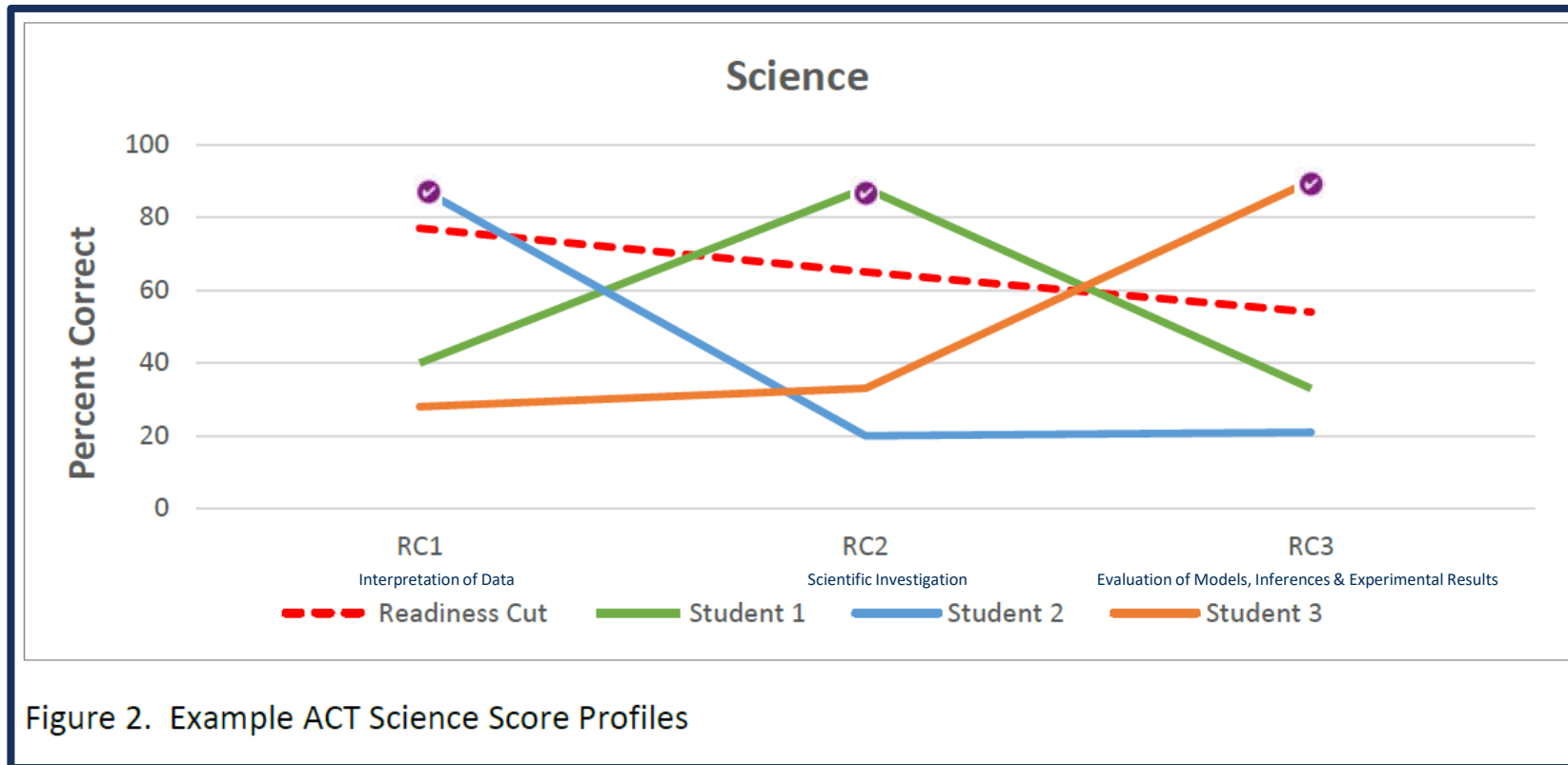
All 3 students scored an 18.

How do we know where to intervene to help students improve their score?

It would be a mistake for leaders to give up on data. When conducted properly, using data to inform teaching practice is one of the most effective ways to help students achieve success. Data-driven instruction involves changing a school's focus from "what was taught" to **"what was learned."**

Data Privacy – you are working with student specific data so please be cautious of the visibility of your screen

ACT®

Left Report: ACT High School Report

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

ACT ID: 201293212
GRADUATION YEAR: 2023

DOB: SEPTEMBER 01, 2004
GENDER: FEMALE

TEST DATE: APRIL 2022
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.

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%

Detailed Results

MATH 19
			ACT Readiness Range
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%	

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%

ENGLISH 24
			ACT Readiness Range
Production of Writing	17 of 23	74%	
Knowledge of Language	10 of 12	83%	
Conventions of Standard English	29 of 40	73%	

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: 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 &	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

Progress Toward the ACT National Career Readiness Certificate®

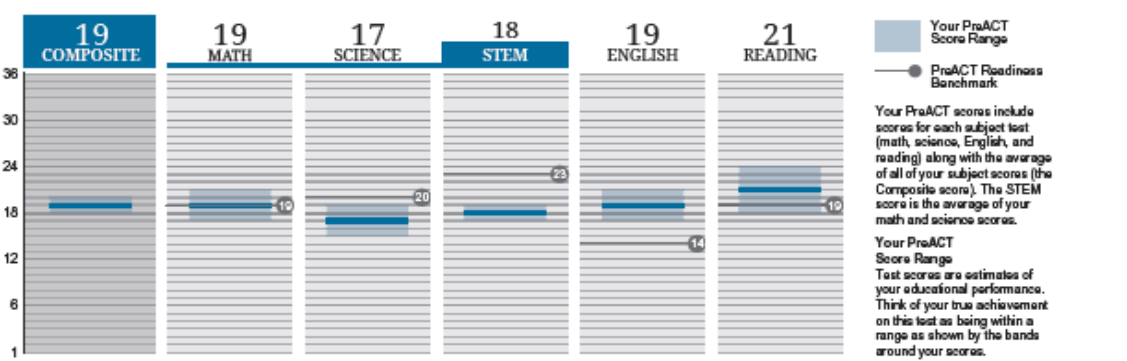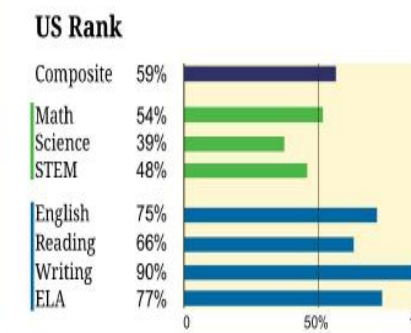This indicator provides an estimate of the ACT National Career Readiness Certificate (ACT NCRC®) that students with this ACT Composite score are likely to obtain. The ACT NCRC is an assessment-based credential that documents foundational work skills important for job success across industries and occupations.

	Bronze	Silver	Gold	Platinum
Composite Score		21		

Scale

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

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

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Right Report: PreACT Student Report

ANN C. TAYLOR (ID#: 123876)
Test Date: *October 8, 2021*
WASHINGTON HIGH SCHOOL (Code: 123456)
Grade: 10

PreACT® Student Report

Your PreACT® Composite Score is 19
This graph shows your PreACT scores and how they compare to the PreACT Readiness Benchmarks.

19 COMPOSITE	19 MATH	17 SCIENCE	18 STEM	19 ENGLISH	21 READING

- Your PreACT® Score
- Your PreACT Score Range
- PreACT Readiness Benchmark

Your PreACT scores include scores for each subject test (math, science, English, and reading) along with the average of all of your subject scores (the Composite score). The STEM score is the average of your math and science scores.

Your PreACT Score Range
Test scores are estimates of your educational performance. Think of your true achievement on this test as being within a range as shown by the bands around your scores.

PreACT Readiness Benchmarks
Students who score at or above the benchmark are on target to meet the ACT College Readiness Benchmark when they are in 11th or 12th grade.

Your Predicted ACT Composite Score Range is 20–23
The predicted ACT score ranges assume you will have typical achievement growth and take the ACT test in spring of 11th grade.

20–23 COMPOSITE	20–24 MATH	18–22 SCIENCE	18–22 STEM	20–24 ENGLISH	21–26 READING

Progress Toward the ACT National Career Readiness Certificate®

This indicator predicts the ACT National Career Readiness Certificate (ACT NCRC®) that students with your PreACT 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. Visit www.act.org/NCRC-indicator to learn more.

	Bronze	Silver	Gold	Platinum
Composite Score		19		

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

US Rank
Composite	68%
Math	74%
Science	50%
STEM	60%
English	70%
Reading	74%

Your Detailed PreACT 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 performance in that category.

MATH
	Correct/Total†	Percent Correct
Preparing for Higher Math	13/21	62%
• Number & Quantity	3/3	100%
• Algebra	3/5	60%
• Functions	4/5	80%
• Geometry	2/5	40%
• Statistics & Probability	1/3	33%
Integrating Essential Skills	7/15	47%
Modeling	4/10	40%

SCIENCE
	Correct/Total	Percent Correct
Interpretation of Data	6/12	50%
Scientific Investigation	6/10	60%
Evaluation of Models, Inferences & Experimental Results	2/8	25%

ENGLISH
	Correct/Total	Percent Correct
Production of Writing	10/14	71%
Knowledge of Language	5/7	71%
Conventions of Standard English	14/24	58%

READING
	Correct/Total	Percent Correct
Key Ideas & Details	10/14	71%
Craft & Structure	4/8	50%
Integration of Knowledge & Ideas	2/3	67%

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

Below Proficient

* About the PreACT test and score scale
The PreACT is shorter than the ACT and is based on a subset of ACT test specifications. The PreACT test scores align to the 1–36 ACT score scales, but PreACT has a maximum score of 35.

PreACT Composite Score: For each test we converted your number of correct answers into a 1 to 35 score. Your Composite score is the average of your scores on the four subject tests (math, science, English, and reading) rounded to the nearest whole number. If you left any test completely blank, that score is reported as two dashes and no Composite score is computed.

† Math test questions can map to multiple reporting categories, so totals will exceed

ACT Online Reporting

1. Minimal to no experience in Online Reporting [Success Portal](#)

2. Moderate experience in OLR (accessed it multiple times and have shared reports with others, etc.)

3. Significant experience in OLR (access site often, use reports, assist others with access, and download data, etc.)

USER ROLES
ONLINE REPORTING

The table below outlines the roles and actions for online reporting.

Role Name	Actions Available	User Examples
Detailed Viewer	View and export summary and detailed individual data and reports.	District Test Coordinator
Summary Viewer	View and export summary data and reports.	Local teacher or Curriculum Specialist
Trusted Agent	View, add, and remove users at district and school level. View and export summary and detailed in- dividual data and reports. Access also includes the user activity report within Data Interaction.	Superintendent

If a user has multiple profiles within the system that allow for different data visibility based on school, district, or state access, the user will have the option to toggle between specific roles.

Options may include:
- **State Users:** Visibility of state, districts, and schools in jurisdiction.
- **District Users** Visibility of districts and schools in jurisdiction.
- **School Users:** Visibility of schools in jurisdiction.

Rev 12/06/22

ACT Online Reporting: User Guide

Online Reporting Resources

OnLine Reporting User Guide

2022-2023

ACT Online Reporting
User Guide

The ACT® | PreACT® | PreACT® 8/9

ACT®

www.act.org

ACT Online Reporting

success.act.org
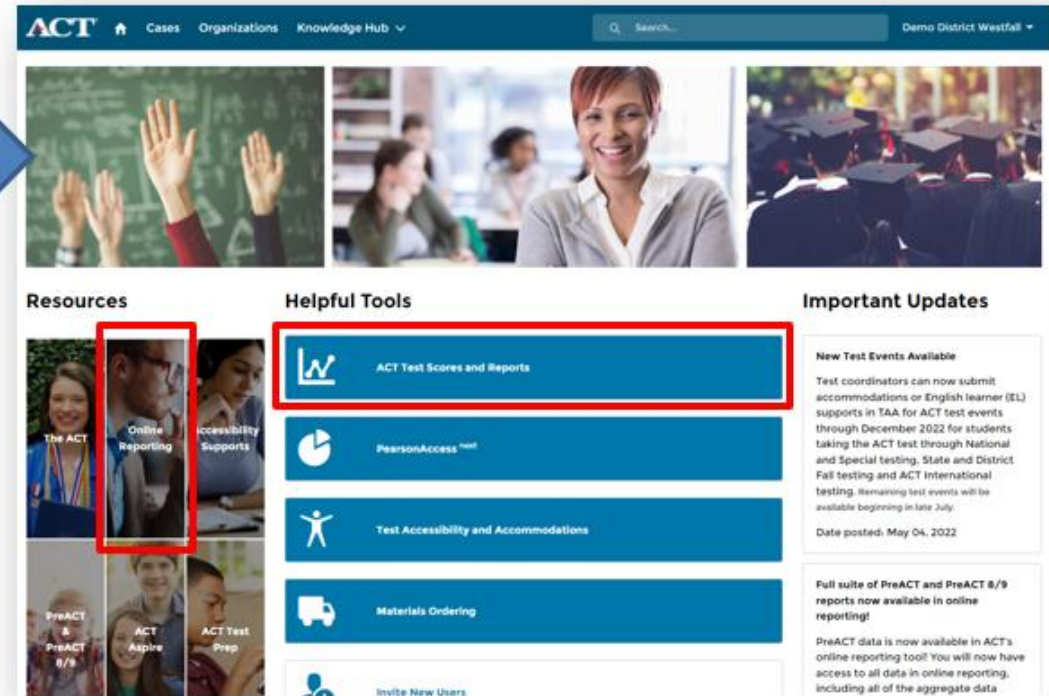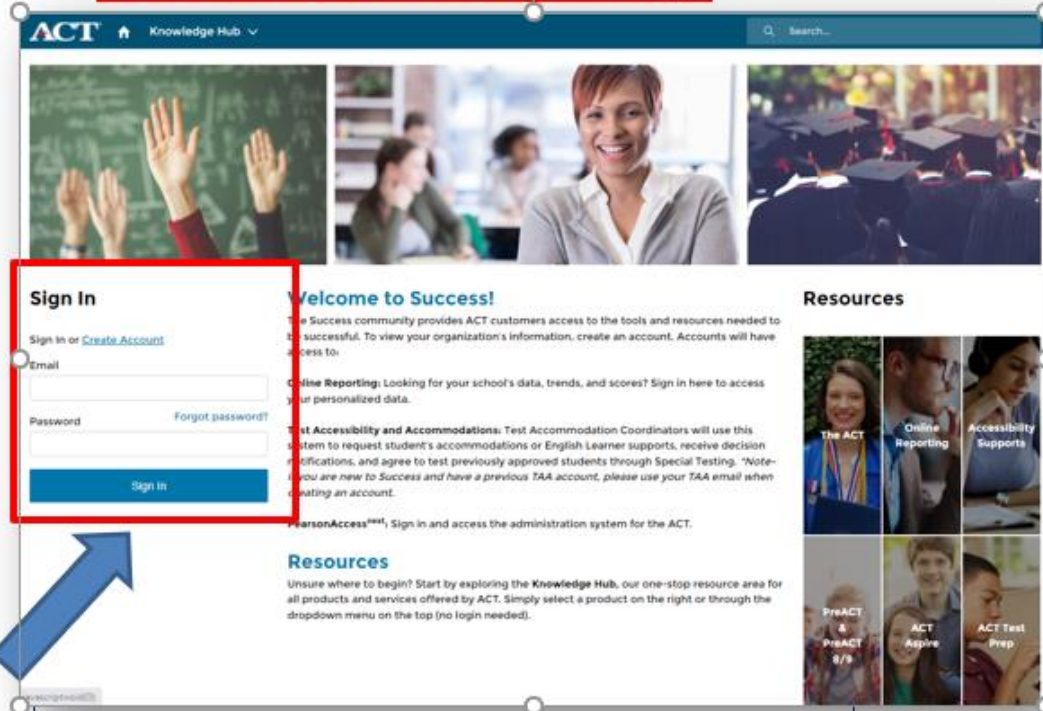
*You need to have been granted access to the data from your **trusted agent**.

https://success.act.org/s/

ACT Data Planning Worksheet

Pull the ACT College Readiness Standards Score Ranges and Reporting Category Scores. Review the scores to identify areas of Skill Mastery and Opportunities for Improvement.

College and Career Readiness Standards Score Ranges

Academic Year:

CCRS	English %	Math %	Reading %	Science %
33 to 36				
28 to 32				
24 to 27				
20 to 23				
16 to 19				
13 to 15				
01 to 12				

ACT Reporting Categories

Academic Year:

ACT Subject Area/Reporting Category	Number of Items	Percentage of the test	Overall Percent Met Readiness
MATH	**60**		
Preparing for Higher Math		57- 60%	
Number and Quantity		7- 10%	
Algebra		12- 15%	
Functions		12- 15%	
Geometry		12- 15%	
Statistics and 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%	
ENGLISH	**75**		
Production of Writing		29- 32%	
Knowledge of Language		13- 19%	
Conventions of Standard English		51- 56%	

Data Analysis

Strengths	
Opportunities for Improvement	
What did you notice and what stands out to you?	

Online Reporting Portal Data Dig

ACT Predictions for Contract Data
Junior Year test for current seniors

Metric	Predictions		Correct Answer ✓
	Highest	Lowest	
Subject area			
English Category			
Math Category			
Reading Category			
Science Category			
Met Readiness Percentage (subject)			
Composite			
% meeting all 4 Benchmarks			

Longitudinal Data

Longitudinal Data

ACT

School year	19-20	20-21	21-22	22-23	23-24	24-25
ACT	Spring 2020	Spring 2021	Spring 2022	Spring 2023	Spring 2024	Spring 2025
Composite	18.9	16.3	17.1	17.3		
Math	18.4	16.4	16.5	16.7		
Science	19.3	16.9	17.7	18.0		
English	18.2	15.3	16.2	16.4		
Reading	19.1	16.3	17.3	17.5		
Writing						

PreACT

School year	21-22	22-23	23-24
PreACT	2021	2022	2023
Composite			
Math			
Science			
English			
Reading			
Writing			

Measuring growth from PreACT to ACT

Subtract the first PreACT test from the ACT to determine the amount of growth for each cohort of students.

	Grad Class of 2024				Grad Class of 2025				Grad Class of 2026			
	PreACT 8/9 2021	PreACT 2022	ACT Spring 2023	Growth	PreACT8/9 2022	PreACT 2023	ACT Spring 2024	Growth	PreACT 8/9 2023	PreACT 2024	ACT Spring 2025	Growth
Composite	15.5	15.2	17.3	1.8								
Math	16.6	16.1	16.7	.01								
Science	15.9	15.7	18.0	2.1								
English	12.9	11.6	16.4	3.5								
Reading	16.4	16.6	17.5	1.1								
Writing												

17.3-15.2 = 1.8 point growth from PreACT
to ACT Composite score

How are our subgroups performing?

Digital Copy

Ethnicity	Grad Class of 2022		Grad Class of 2023		Grad Class of 2024	
	Composite Score	Percent Met	Composite Score	Percent Met	Composite Score	Percent Met
Male						
Female						
African American						
American Indian/Alaskan Native						
Asian						
Hispanic/Latino						
White						
Preferred Not to Respond						
Two or More Races						

How does my junior class this year compare to my junior class from last year?

EXAMPLE REPORT

		Composite		Math	Science	STEM	English	Reading
Group	Year	Valid Number	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score	Mean Score
Juniors last year	2021-2022	509	17.2	16.8	17.9	17.6	16.1	17.5
Juniors this year	2022-2023	434	17.6	16.8	18.5	17.9	16.6	17.9

Comparison of this year's juniors Cohort 2024 to last year's juniors Cohort 2023
ACT

ACT Data Planning Worksheet

Pull the ACT College Readiness Standards Score Ranges and Reporting Category Scores. Review the scores to identify areas of Skill Mastery and Opportunities for Improvement.

College and Career Readiness Standards Score Ranges				
Academic Year:				
CCRS	English %	Math %	Reading %	Science %
33 to 36				
28 to 32				
24 to 27				
20 to 23				
16 to 19				
13 to 15				
01 to 12				

ACT Reporting Categories			
Academic Year:			
ACT Subject Area/Reporting Category	Number of Items	Percentage of the test	Overall Percent Met Readiness
MATH	**60**		
Preparing for Higher Math		57- 60%	
Number and Quantity		7- 10%	
Algebra		12- 15%	
Functions		12- 15%	
Geometry		12- 15%	
Statistics and 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%	
ENGLISH	**75**		
Production of Writing		29- 32%	
Knowledge of Language		13- 19%	
Conventions of Standard English		51- 56%	

Data Analysis	
Strengths	
Opportunities for Improvement	
What did you notice and what stands out to you?	

Longitudinal Data

Longitudinal Data

ACT

School year	19-20	20-21	21-22	22-23	23-24	24-25
ACT	Spring 2020	Spring 2021	Spring 2022	Spring 2023	Spring 2024	Spring 2025
Composite	18.9	16.3	17.1	17.3		
Math	18.4	16.4	16.5	16.7		
Science	19.3	16.9	17.7	18.0		
English	18.2	15.3	16.2	16.4		
Reading	19.1	16.3	17.3	17.5		
Writing						

PreACT

School year	21-22	22-23	23-24
PreACT	2021	2022	2023
Composite	15.2	15.5	17.3
Math	16.1	16.6	16.7
Science	15.7	15.9	18.0
English	11.6	12.9	16.4
Reading	16.6	16.4	17.5
Writing			

Measuring growth from PreACT to ACT

Subtract the first PreACT test from the ACT to determine the amount of growth for each cohort of students.

	Grad Class of 2024				Grad Class of 2025				Grad Class of 2026			
	PreACT 8/9 2021	PreACT 2022	ACT Spring 2023	Growth	PreACT8/9 2022	PreACT 2023	ACT Spring 2024	Growth	PreACT 8/9 2023	PreACT 2024	ACT Spring 2025	Growth
Composite	15.2	15.5	17.3	1.8								
Math	16.1	16.6	16.7	.01								
Science	15.7	15.9	18.0	2.1								
English	11.6	12.9	16.4	3.5								
Reading	16.6	16.4	17.5	1.1								
Writing												

Composite: 17.3-15.2 = 1.8 point growth from PreACT 8/9 to ACT Composite score

ACT®

PreACT report downloaded from Online Line Reporting to Excel. Sorted by Composite score to determine intervention levels.

Intervention Needed 1-14
On the Cusp 15-16
On Target 17-30

Name	Career Choice	Composite Score	Composite Predicted ACT	Math Score	Math Predicted ACT	Science Score	Science Predicted ACT	STEM Score	STEM Predicted ACT	English Score	English Predicted ACT	Reading Score	Reading Predicted ACT
Name	No response	11	11 – 14	13	12 – 16	10	11 – 16	12	12 – 15	14	14 – 19	5	08 – 14
Name	Computer & Information Specialties	11	11 – 14	14	13 – 17	9	11 – 16	12	12 – 15	11	11 – 16	9	10 – 16
Name	No response	12	12 – 15	14	13 – 17	15	15 – 20	15	15 – 18	10	11 – 16	7	09 – 15
Name	No response	12	12 – 15	15	14 – 18	12	13 – 18	14	14 – 17	8	09 – 14	13	12 – 18
Name	Marketing & Sales	12	12 – 15	11	10 – 14	13	13 – 18	12	12 – 15	7	08 – 13	15	14 – 19
Name	Management	13	13 – 16	13	12 – 16	12	13 – 18	13	13 – 16	11	11 – 16	14	13 – 19
Name	Communications & Records	13	13 – 16	14	13 – 17	9	11 – 16	12	12 – 15	12	12 – 17	15	14 – 19
Name	Health Care	13	13 – 16	15	14 – 18	17	16 – 21	16	16 – 19	11	11 – 16	10	11 – 16
Name	No response	13	13 – 16	16	15 – 19	12	13 – 18	14	14 – 17	12	12 – 17	10	11 – 16
Name	Financial Transactions	13	13 – 16	13	12 – 16	15	15 – 20	14	14 – 17	9	10 – 15	13	12 – 18
Name	Management	14	14 – 17	13	12 – 16	14	14 – 19	14	14 – 17	10	11 – 16	19	16 – 22
Name	Transport Operation & Related	14	14 – 17	14	13 – 17	18	17 – 22	16	16 – 19	9	10 – 15	13	12 – 18
Name	Marketing & Sales	14	14 – 17	15	14 – 18	19	18 – 23	17	17 – 20	13	13 – 18	10	11 – 16
Name	Community Services	14	14 – 17	17	17 – 20	18	17 – 22	18	18 – 21	14	14 – 19	7	09 – 15
Name	Personal Services	15	15 – 18	15	14 – 18	18	17 – 22	17	17 – 20	12	12 – 17	16	14 – 20
Name	No response	15	15 – 18	15	14 – 18	14	14 – 19	15	15 – 18	15	15 – 20	15	14 – 19
Name	Medical Diagnosis & Treatment	15	15 – 18	15	14 – 18	14	14 – 19	15	15 – 18	9	10 – 15	22	19 – 24
Name	Creative & Performing Arts	15	15 – 18	17	17 – 20	17	16 – 21	17	17 – 20	9	10 – 15	17	15 – 21
Name	Financial Transactions	16	16 – 19	16	15 – 19	17	16 – 21	17	17 – 20	12	12 – 17	20	17 – 23
Name	Engineering & Technologies	16	16 – 19	19	19 – 22	13	13 – 18	16	16 – 19	16	16 – 21	15	14 – 19
Name	Management	17	17 – 20	17	17 – 20	17	16 – 21	17	17 – 20	13	13 – 18	19	16 – 22
Name	No response	17	17 – 20	16	15 – 19	20	18 – 23	18	18 – 21	16	16 – 21	17	15 – 21
Name	Medical Diagnosis & Treatment	18	18 – 21	13	12 – 16	18	17 – 22	16	16 – 19	15	15 – 20	24	21 – 26
Name	Agriculture Forestry & Related	18	18 – 21	17	17 – 20	20	18 – 23	19	19 – 22	14	14 – 19	19	16 – 22
Name	Financial Transactions	19	19 – 22	16	15 – 19	11	12 – 17	14	14 – 17	15	15 – 20	35	31 – 36
Name	Medical Diagnosis & Treatment	20	20 – 23	22	22 – 25	19	18 – 23	21	20 – 24	20	19 – 24	19	16 – 22
Name	No response	23	23 – 26	16	15 – 19	22	20 – 25	19	19 – 22	20	19 – 24	35	31 – 36
Name	Marketing & Sales	28	28 – 31	22	22 – 25	24	22 – 27	23	22 – 26	30	30 – 35	35	31 – 36
Name	Natural Science & Technologies	30	30 – 34	29	28 – 32	31	28 – 33	30	30 – 33	30	30 – 35	29	25 – 31

- **On Target:** Predicted to meet or exceed the benchmark
- **On the Cusp:** Less than a 50% chance, but greater than a 25% chance of meeting the benchmark
- **In Need of Intervention:** Less than a 25% chance of meeting the benchmark

Sample Report

Your Detailed PreACT 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 performance in that category.

MATH

	Correct/Total†	Percent Correct
Preparing for Higher Math	13/21	62%
• Number & Quantity	3/3	100%
• Algebra	3/5	60%
• Functions	4/5	80%
• Geometry	2/5	40%
• Statistics & Probability	1/3	33%
Integrating Essential Skills	7/15	47%
Modeling	4/10	40%

ENGLISH

	Correct/Total	Percent Correct
Production of Writing	10/14	71%
Knowledge of Language	5/7	71%
Conventions of Standard English	14/24	58%

READING

	Correct/Total	Percent Correct
Key Ideas & Details	10/14	71%
Craft & Structure	4/8	50%
Integration of Knowledge & Ideas	2/3	67%

SCIENCE

	Correct/Total	Percent Correct
Interpretation of Data	6/12	50%
Scientific Investigation	6/10	60%
Evaluation of Models, Inferences & Experimental Results	2/8	25%

* About the PreACT test and score scale

The PreACT is shorter than the ACT and is based on a subset of ACT test specifications. The PreACT test scores align to the 1–36 ACT score scales, but...

SCIENCE

Correctly Answered: **14 of 30**
Omitted: **2 of 30**
Incorrectly Answered: **14 of 30**

Question	Correct Answer	Incorrect Response	Question	Correct Answer	Incorrect Response
1	A		21	A	C
2	F		22	J	
3	B		23	B	A
4	G	H	24	J	G
5	D	B	25	D	
6	H		26	F	-
7	A		27	C	
8	F	G	28	J	F
9	D		29	C	B
10	H		30	H	J
11	B	C			
12	J				
13	C	B			
14	G				
15	A				
16	G	-			
17	D	A			
18	H				
19	B	C			
20	F	J			

Item Information / Response Analysis

Reporting Category	Item	Key	A/F	B/G	C/H	D/J	E/K	Omit
IER	11	D/J	33	33	33	*0	0	0
IER	12	C/H	33	0	*67	0	0	0
IER	18	C/H	0	0	*100	0	0	0
IER	19	B/G	0	*67	33	0	0	0
IER	20	D/J	0	33	33	*33	0	0
IER	21	D/J	0	0	0	*100	0	0
IER	22	D/J	33	67	0	*0	0	0
IER	23	A/F	*33	33	0	33	0	0
IER	24	D/J	33	33	33	*0	0	0
IER	26	C/H	33	0	*67	0	0	0
IER	8	C/H	18	22	*46	14	0	0
ID	3	A/F	*50	20	19	11	0	0
ID	4	D/J	13	19	10	*57	0	0
ID	5	C/H	19	19	*42	20	0	0
ID	6	A/F	*40	24	24	12	0	0
ID	7	A/F	*49	22	20	9	0	0
ID	10	B/G	16	*36	27	20	0	0
ID	13	B/G	18	*47	27	8	0	0
ID	14	C/H	14	10	*55	20	0	1
ID	15	D/J	16	30	25	*29	0	1
ID	17	C/H	27	23	*35	13	0	2
ID	25	C/H	31	18	*37	10	0	4
SI	1	D/J	0	0	33	*67	0	0
SI	2	B/G	0	*67	33	0	0	0
SI	9	C/H	33	0	*33	33	0	0
SI	16	D/J	33	33	0	*33	0	0
SI	27	A/F	*33	0	67	0	0	0
SI	28	A/F	*0	0	67	33	0	0
SI	29	D/J	33	0	33	*33	0	0
SI	30	B/G	0	*100	0	0	0	0

Name _____

PreACT Science Test Analysis

Directions: Now that you have taken the test, it's time to look over each question to help determine your areas of strength and areas for growth opportunities. This process will help you see what material you need to spend more time on to improve your score. Your task is to circle the question numbers if you got that question right or wrong, and then try to identify why you may have missed the question.

Question Circle those that you answered incorrectly	Reporting Category	Misread the question	Didn't understand the content	Didn't understand the question	Question Circle those that you answered incorrectly	Reporting Category	Misread the question	Didn't understand the content	Didn't understand the question
1	SI				19	IER			
2	SI				20	IER			
3	ID				21	IER			
4	ID				22	IER			
5	ID				23	IER			
6	ID				24	IER			
7	ID				25	ID			
8	IER				26	IER			
9	IER/SI				27	SI			
10	ID				28	SI			
11	IER				29	SI			
12	IER				30	SI			
13	ID								
14	ID								
15	ID								
16	SI								
17	ID								
18	IER								

What are some things you notice when you look at the data?

Complete the table using the data from your PreACT Score Report

	Number Correct/Total Questions	Percent Correct	How much of the science test comes from this category?
Composite Score:			
Predicted ACT Composite Score Range:			
Science Test Score:			
PreACT Science Benchmark = 20			
Did you meet the science benchmark? Yes or <u>No</u>			
Your Goal:			
Reporting Categories			
Interpretation of Data			45 - 55%
Scientific Investigation			20 - 30%
Evaluation of Models/Inferences			25 - 35%

What's Next:

What category does the data suggest you need to work on?
What percentage of the test is that category?
What actions can you take to begin your journey of improvement?

Longitudinal Data

Longitudinal Data

ACT

School year	19-20	20-21	21-22	22-23	23-24	24-25
ACT	Spring 2020	Spring 2021	Spring 2022	Spring 2023	Spring 2024	Spring 2025
Composite	18.9	16.3	17.1	17.3		
Math	18.4	16.4	16.5	16.7		
Science	19.3	16.9	17.7	18.0		
English	18.2	15.3	16.2	16.4		
Reading	19.1	16.3	17.3	17.5		
Writing						

PreACT

School year	21-22	22-23	23-24
PreACT	2021	2022	2023
Composite	15.2	15.5	17.3
Math	16.1	16.6	16.7
Science	15.7	15.9	18.0
English	11.6	12.9	16.4
Reading	16.6	16.4	17.5
Writing			

Measuring growth from PreACT to ACT

Subtract the first PreACT test from the ACT to determine the amount of growth for each cohort of students.

	Grad Class of 2024				Grad Class of 2025				Grad Class of 2026			
	PreACT 8/9 2021	PreACT 2022	ACT Spring 2023	Growth	PreACT8/9 2022	PreACT 2023	ACT Spring 2024	Growth	PreACT 8/9 2023	PreACT 2024	ACT Spring 2025	Growth
Composite	15.2	15.5	17.3	1.8								
Math	16.1	16.6	16.7	.01								
Science	15.7	15.9	18.0	2.1								
English	11.6	12.9	16.4	3.5								
Reading	16.6	16.4	17.5	1.1								
Writing												

Composite: 17.3-15.2 = 1.8 point growth from PreACT 8/9 to ACT Composite score

How did my 10th graders do on PreACT this year compared to their PreACT 8/9 taken last year?

Sample report

Math

Group	Year	Composite	Mean Score	% Met	% Not Met	% On Target	% On the Cusp	% In Need of Intervention
9th grade last year	2021-2022	15.5	16.6	33	67	33	16	51
PreACT 10	2022-2023	16	16	16	84	16	13	71

Science

Mean Score	% Met	% Not Met	% On Target	% On the Cusp	% In Need of Intervention
15.9	26	74	26	16	58
15.8	22	78	22	14	64

English

Mean Score	% Met	% Not Met	% On Target	% On the Cusp	% In Need of Intervention
12.9	50	50	50	18	32
13.8	40	60	40	21	39

Reading

Mean Score	% Met	% Not Met	% On Target	% On the Cusp	% In Need of Intervention
16.4	40	60	40	13	47
17.8	37	63	37	14	49

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PreACT Data Reflection

- What % of your students are ON TARGET for each content area?
- What % of your students are ON THE CUSP?
- What % of students are IN NEED OF INTERVENTION?
- What's your most urgent intervention area

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Frequency Range

Year	Admin	Composite	Math						
		Valid Number	CCRS (01 to 12)	CCRS (13 to 15)	CCRS (16 to 19)	CCRS (20 to 23)	CCRS (24 to 27)	CCRS (28 to 32)	CCRS (33 to 36)
			%	%	%	%	%	%	%
2022-2023	Spring		3	29	36	9	11	11	1
2021-2022	Spring		1	29	33	13	14	8	1
2020-2021	Spring		0	33	23	16	19	6	3
2019-2020	Spring		0	19	30	16	18	13	4

Rank sort the score range by the % of students in each range – from greatest to least.

This provides focus on where your students are scoring.

What skills are students showing proficiency?
Are we teaching the scoring range skills that we want students to score in?
What skills do I need to incorporate to move students to the next scoring range?

English	Score Range	% of students in each score range
Score Range Percent Data Worksheet		
Sort your content's score ranges from greatest (largest %) to the score range with the least %.		
1 – 12 13 – 15 16 – 19 20 – 23 24 – 27 28 – 32 33 - 36		

Have your content area teachers discuss the data in the chart and the implications on their future instructional plan.

Score Range	% of students in this each range
16-19	43%
13-15	26%
1-12	15%
20-23	11%
24-27	4%
28-32	1%
33-36	0%

Reading as whole faculty focus.

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Readiness Range Reflection

- For your content area, what is the Reporting Category with the lowest % of students?

- Has this been the lowest Reporting Category over the last two years?

- What do you think is the reason for a Reporting Category to have a lower % of students in the Readiness Range than another category within the same content area?

- How can this information influence instructional work on your campus?

Reflection Sheet
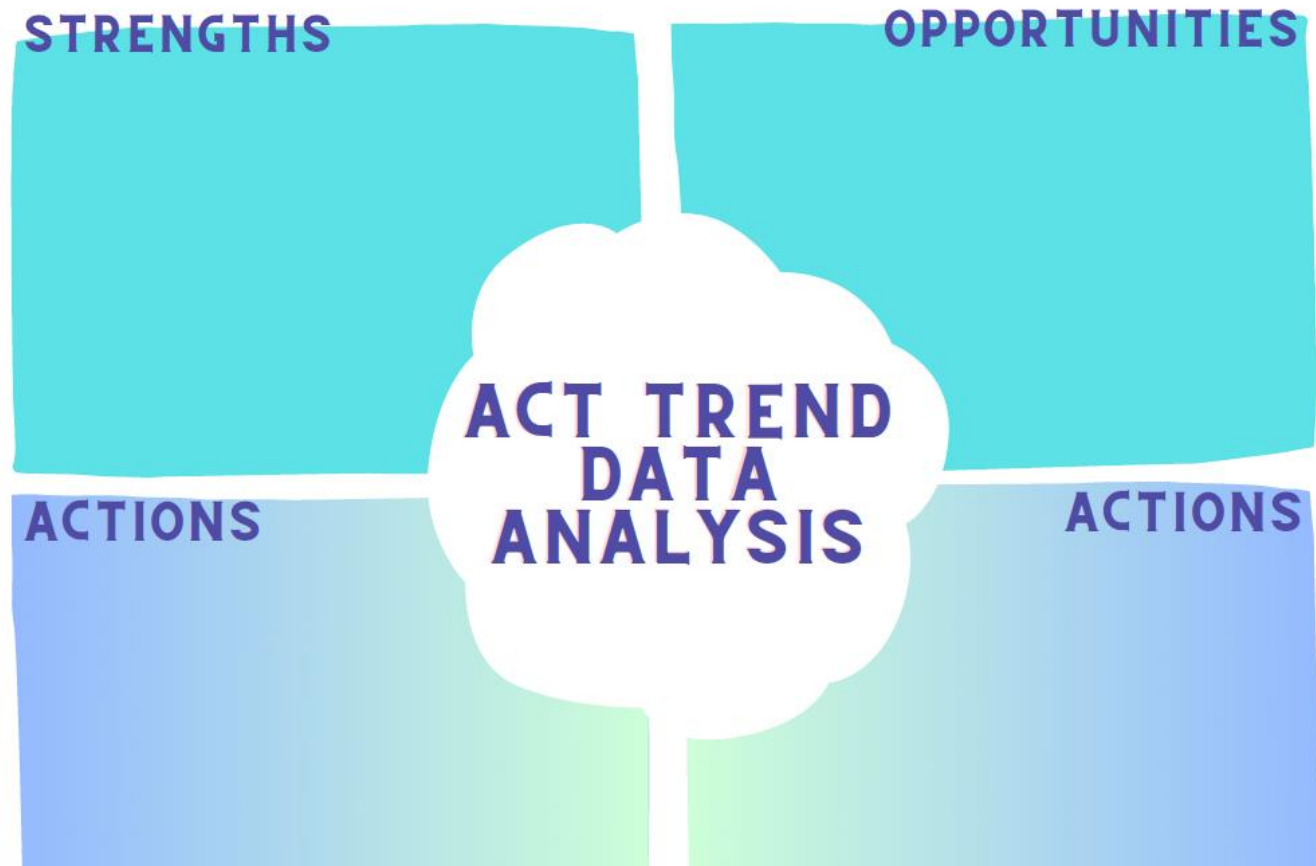
STOP! Collaborate and Listen

Please go to the area that corresponds to your birthday month. We will spend some time in collaboration groups allowing you to network with your colleagues.

Conversation starters:

- What do you notice about your data? What's something that stands out positive or negative?

- What upcoming plans do you have for ACT because of today's data analysis?

- What actions are currently happening on your campus to assist you in achieving your ACT goal?

- What support to you need to move forward?

- What are your next steps as you prepare for your future?

- What's something happening on your campus now that you are proud of?

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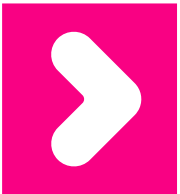
How Hard Is It To Increase My Score?

The number of questions to answer correctly to meet the subject-area benchmarks is highlighted in green. *This scale can vary slightly from test to test but notice that, in most cases, you only need to get 2-3 more questions correct in order to hit the next score level for each subject.*

ACT Scale	English	Math	Reading	Science	ACT Scale
36	72-75		39-40	39-40	36
35	68-71	58	37-38	38	35
34	66-67	56	36		34
33	65	55	35	36	33
32	64		34	35	32
31	63	53	33	34	31
30	62	51-52	32	33	30
29	61	49-50	31	32	29
28	59-60	48	30		28
27	58	44-47	29	31	27
26	56-57	41-43		30	26
25	54-55	39-40	28	28-29	25
24	51-53	37-38	26-27	26-27	24
23	49-50	35-36	25	24-25	23
22	47-48	34	23-24	22-23	22
21	44-46	32-33	22	21	21
20	41-43	31	21	19-20	20
19	39-40	29-30	19-20	17-18	19
18	37-38	27-28	18	16	18
17	35-36	24-26	17	14-15	17
16	33-34	20-23	16	13	16

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5 Tips for Increasing Test Scores

1. Implement dedicated one-semester class (mandatory unless already at 20+
   select a strong teacher for this class
2. Persist across multiply years.
   build expertise and capacity over a long period of time
3. Use PreACT testing and analysis for 8th through 10th graders
   detailed reports from PreACT give teachers clear skill metrics and data-driven recommendations
4. Employ professional development to build buy-in with teachers
   It takes several years to change the culture of faculty, staff, and then see it trickle down to students
5. Support students every way you can.
   Buy vouchers, extra test administrations, and help students sign-up for tests

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Guiding Questions for Developing an ACT Action Plan

Thinking of your current state, reflect on the following questions and what is currently in place.

- In 2022-2023, are you offering an ACT prep course? What is the certification of the instructor of the ACT prep class(es)? Which grade do students take this course? Is it mandatory for all students and how is the curriculum identified?
- Are you embedding ACT Prep only into core teachers' classes? Do you want to include elective teachers?
- What are you currently doing with WorkKeys? Are there identified teachers that prep students for WorkKeys?
- What training or preparation around ACT has been done with any of your teachers?
- Have you used ACT Curriculum Worksheets in planning, standards to differentiate what is being done at each grade level/subject? For which subjects?
- Describe who analyzes your ACT and PreACT data and how this information is shared and communicated to your leadership team, both school and district curriculum, instruction, and assessment teams?
- How is data communicated to your other stakeholders, parents, and teachers? Are they familiar with different ACT Prep options available through myACT.org and www.act.org?
- How do students get information and feedback around their scores? Who does this?
- Which grade would you like to begin supporting students for ACT?
- Which ACT solutions are already being used by Caddo Parish and in which grades?
- Describe what you believe is currently being done in a classroom around ACT?
- Do you have access to the ACT Online Reporting site (Success.act.org)? Do your principals? Do your teachers?
- Looking through some of your data sources, what do you notice as trends over time regarding:
  - ❖ College and Career Readiness
  - ❖ Subtest Scores overall and within populations
  - ❖ Past 2 years of Reporting Category areas
  - ❖ When reviewing test breakdowns, which area(s) is most heavily weighted? How did students perform in those heavily weighted area(s)?
  - ❖ What are your areas of need in English, math, reading, and science? Can you narrow the focus to 3 areas for each tested area? What are next steps to improve instruction for those areas? What does that look like?

Creating an ACT Action Plan

Having thought about the guiding questions and answers, create an ACT action plan that includes grades 9-12. Consider how will you use your data, the resources available, when/where you will implement any changes, and how you will monitor/track your plan. Below are some examples of data and resources you may have in place or have access to.

- PreACT data (8th, 9th, and 10th grades)
- ACT data, district and school profile reports
- Pre and Post ACT Practice Test data
- District ACT Testing
- Embedding instructional materials into the curriculum
- AOP – ACT Online Prep program
- AIM Training

While each school may formulate their own plans per subject and grade level, PLEASE ENSURE THAT SUBJECT LEVEL TEACHERS AND GRADE LEVEL TEACHERS DO NOT OVERLAP PRACTICE AND PRACTICE TESTING MATERIALS.

Grade Level	Describe current plans for ACT preparation and interventions.	How will you monitor these plans? What data will you use to evaluate if what you are doing is having an impact? Elaborate on how these incremental checks will be done.
9th		
10th		
11th		
12th		

ACT

Test Information Release (TIR) Reports

Be sure to have any students who register (or have already registered for) the April National ACT with an <u>ACT fee waiver</u> sign into their <u>MyACT</u> account and add the **Test Information Release (TIR) reports.**

Students will then get a **question-and-answer key (along with their answers)** for the April ACT National Administration called the Test Information Release (TIR) as part of their score reporting package. It is **FREE** to add for students that have registered for the April National ACT with a fee waiver.

Not exactly sure what the TIR is? Come learn about the ACT <u>Test Information Release (TIR)</u> in an upcoming **LIVE** ACT hosted Bite Sized Learning session. You can register for any of several upcoming live sessions here: <u>What is ACT's April Test Information Release (TIR)?</u>

TIR Test Dates	Availability
April 2023	Saturday and non-Saturday testing
June 2023	Saturday testing only
September 2023	Saturday testing only
April 2024	Saturday and non-Saturday testing
June 2024	Saturday testing only

By purchasing Test Information Release (TIR), you will receive a digital copy of the multiple-choice test questions, your answers, a copy of your answer document, the answer key, and the conversion table used in determining your ACT scores. If you took the optional writing test, you will receive a copy of the writing prompt, the writing test scoring rubric, and your essay scores.

Useful links

Online Reporting Resources

Content Standards and Ideas for Progress

Ideas for Progress

Should You Test a Second Time?

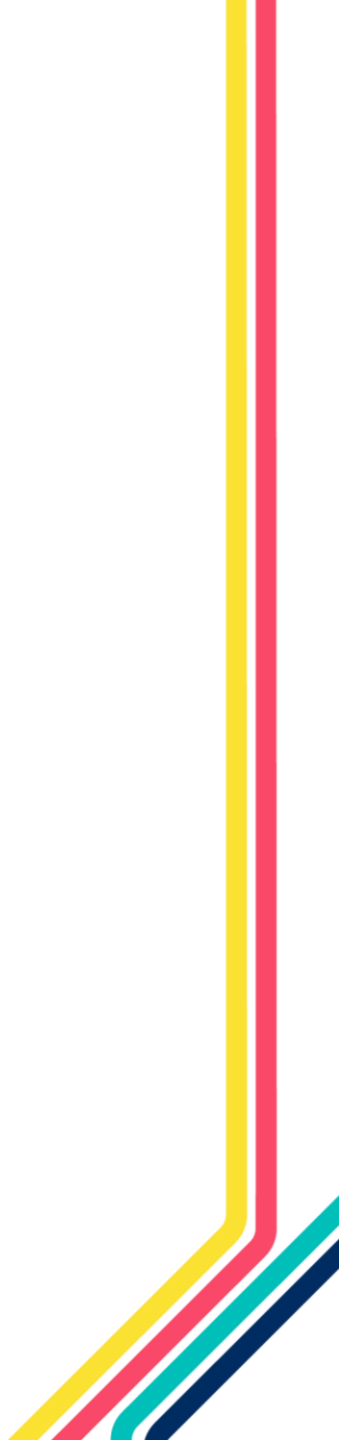Technical Documentation for ACT Assessments

Reporting Category Interpretive Guide

Knowledge Hub

OnLine Reporting User Guide

ACT User Handbook for Educators

We want your [FEEDBACK](#)

Please take a moment to complete the short survey so that we can continue to meet the needs of our participants.

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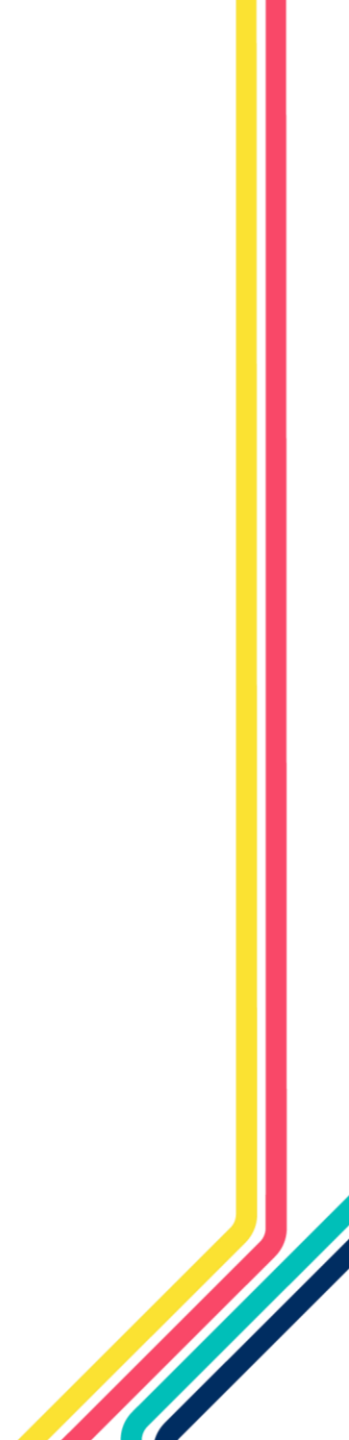**225.571.5590**

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