

# March 2026 Math Standards Updates

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# Agenda

- Secondary Mathematics Structure Public Survey Results
- Nationwide Secondary Mathematics Structures and Assessments
- Instructional Materials
- Concurrent Enrollment and National Assessment Data

# Secondary Mathematics Structures Survey Results

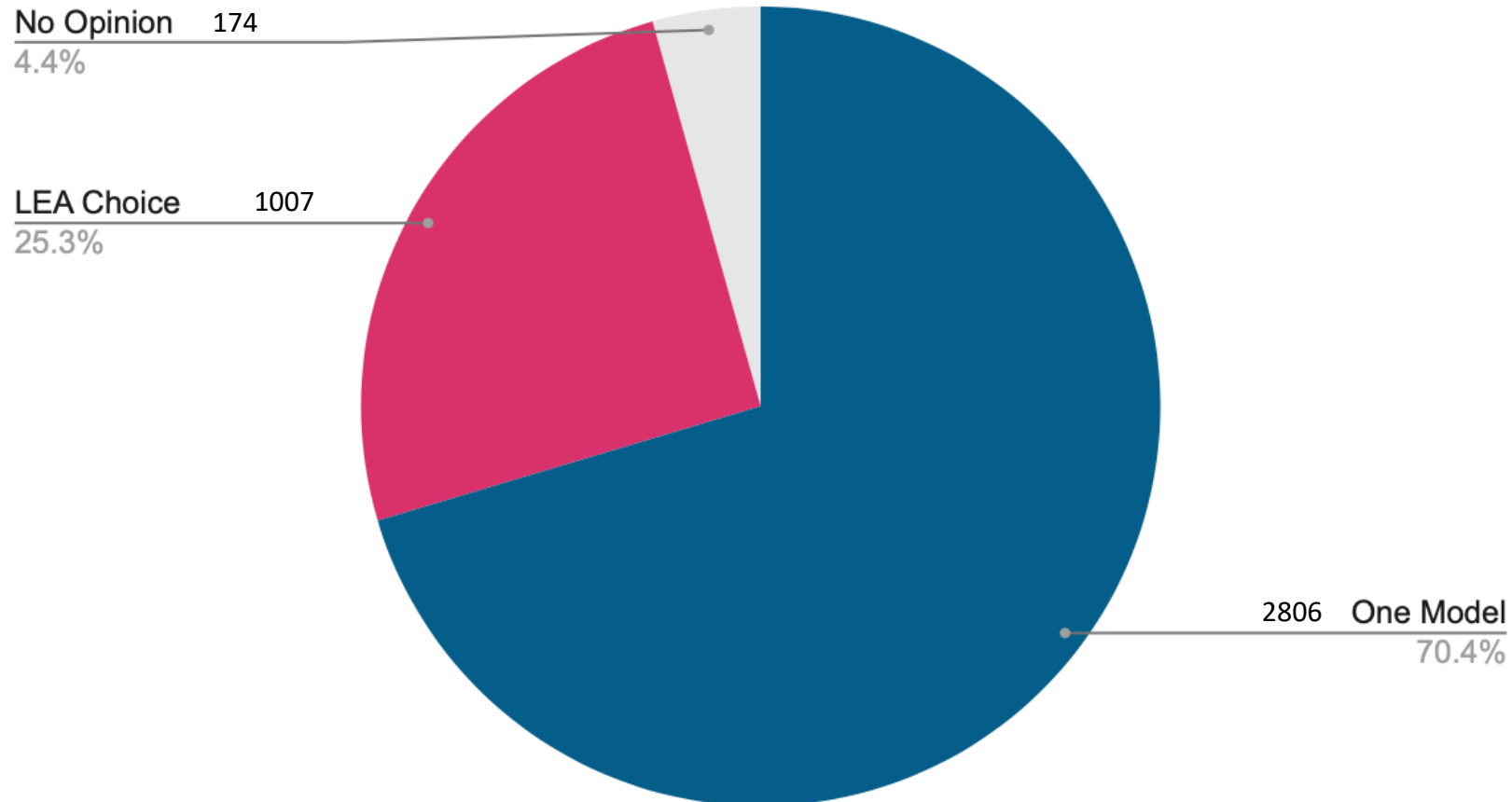
# Survey Results

- Overall N Size: 3,990 complete responses
- County Representation: 29
- Stakeholder Groups:
  - Parents: 2,263
  - Teachers: 2,267
  - Administrator: 179
  - Other Educational Staff: 283
  - Higher Education: 177
  - Other: 289
- Teacher Metrics:
  - I have never taught Secondary Mathematics in Utah: 733
  - 1-3 Years: 324
  - 4-6 Years: 370
  - 7-10 Years: 277
  - 10-15 Years: 364
  - More than 15 Years: 495

## Assumptions and Limitations

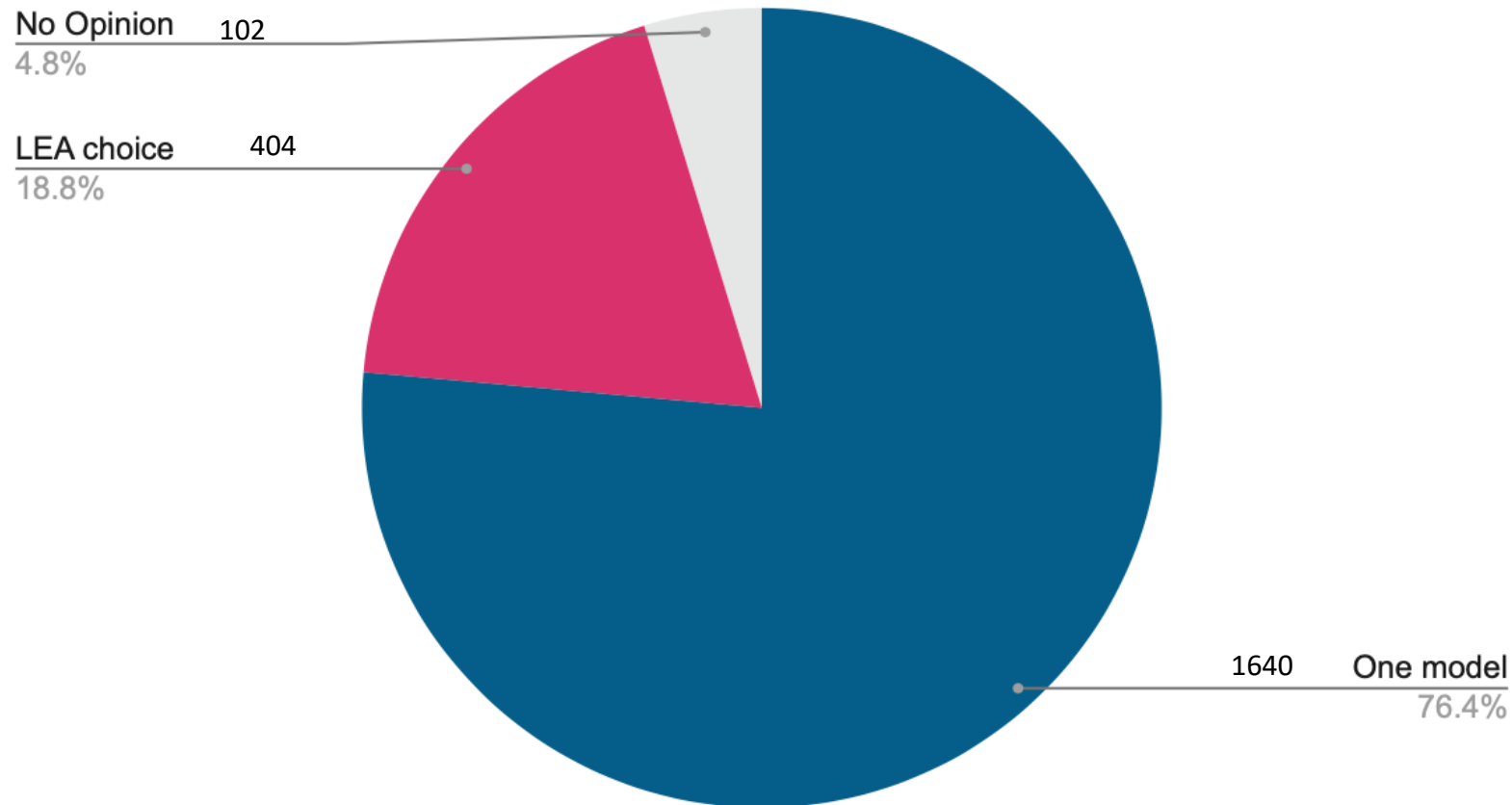
# Choice VS One State-Wide Model: Overall Response

Choice VS One State-Wide Model



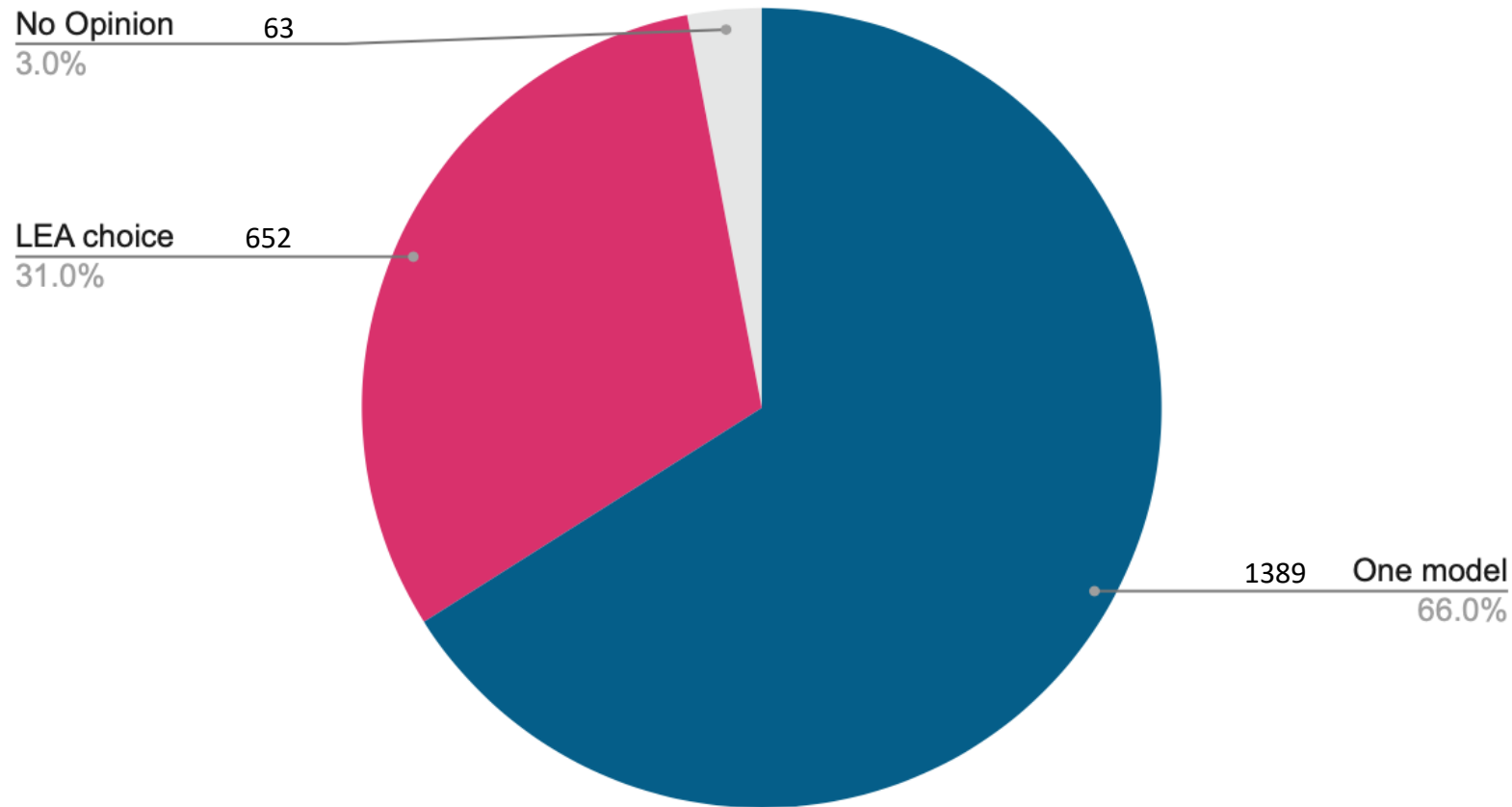
# Choice VS One State-Wide Model: Teachers

Teachers Choice VS One State Model



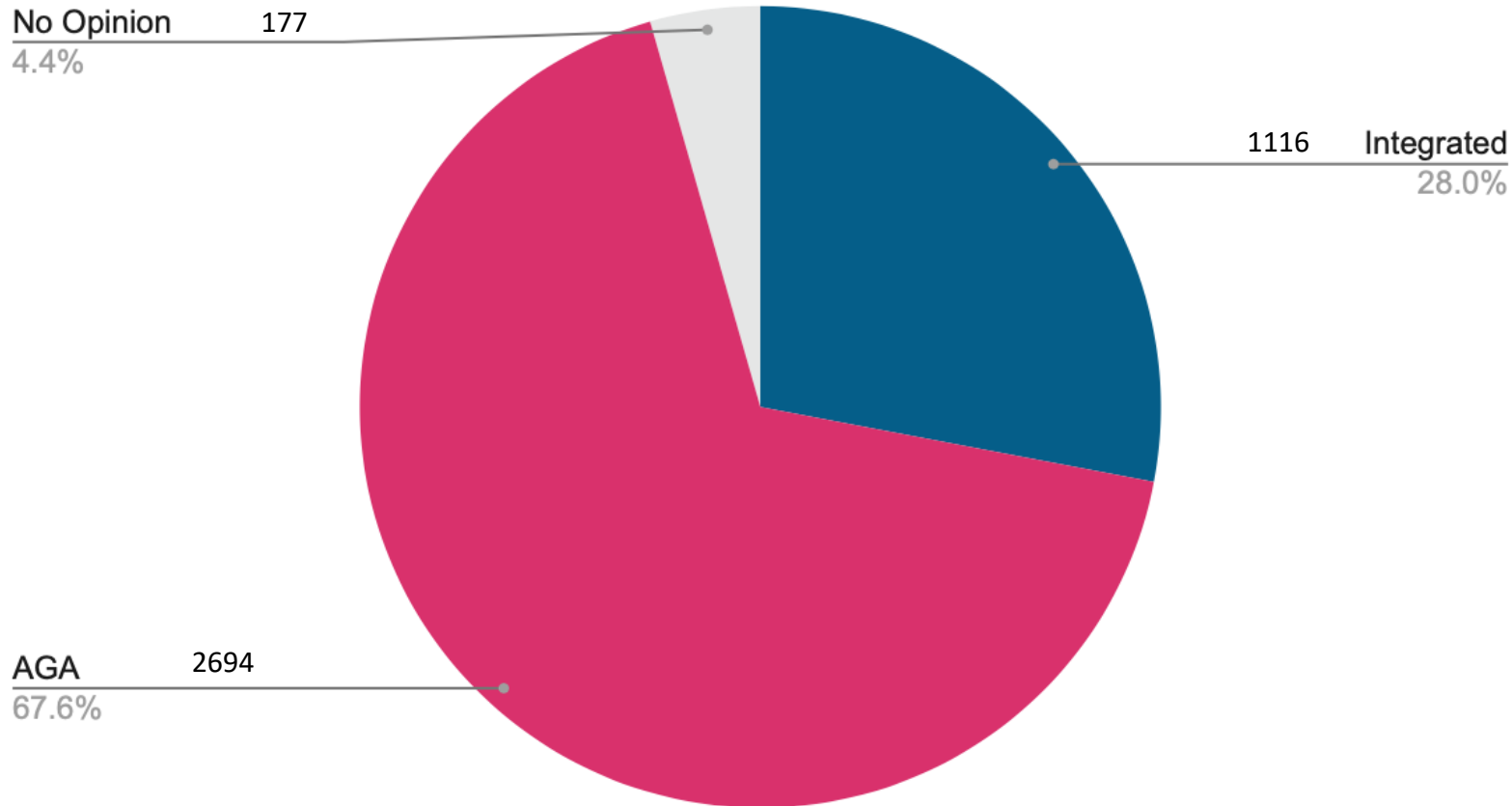
# Choice VS One State-Wide Model: Parents

Parents Choice VS One State Model



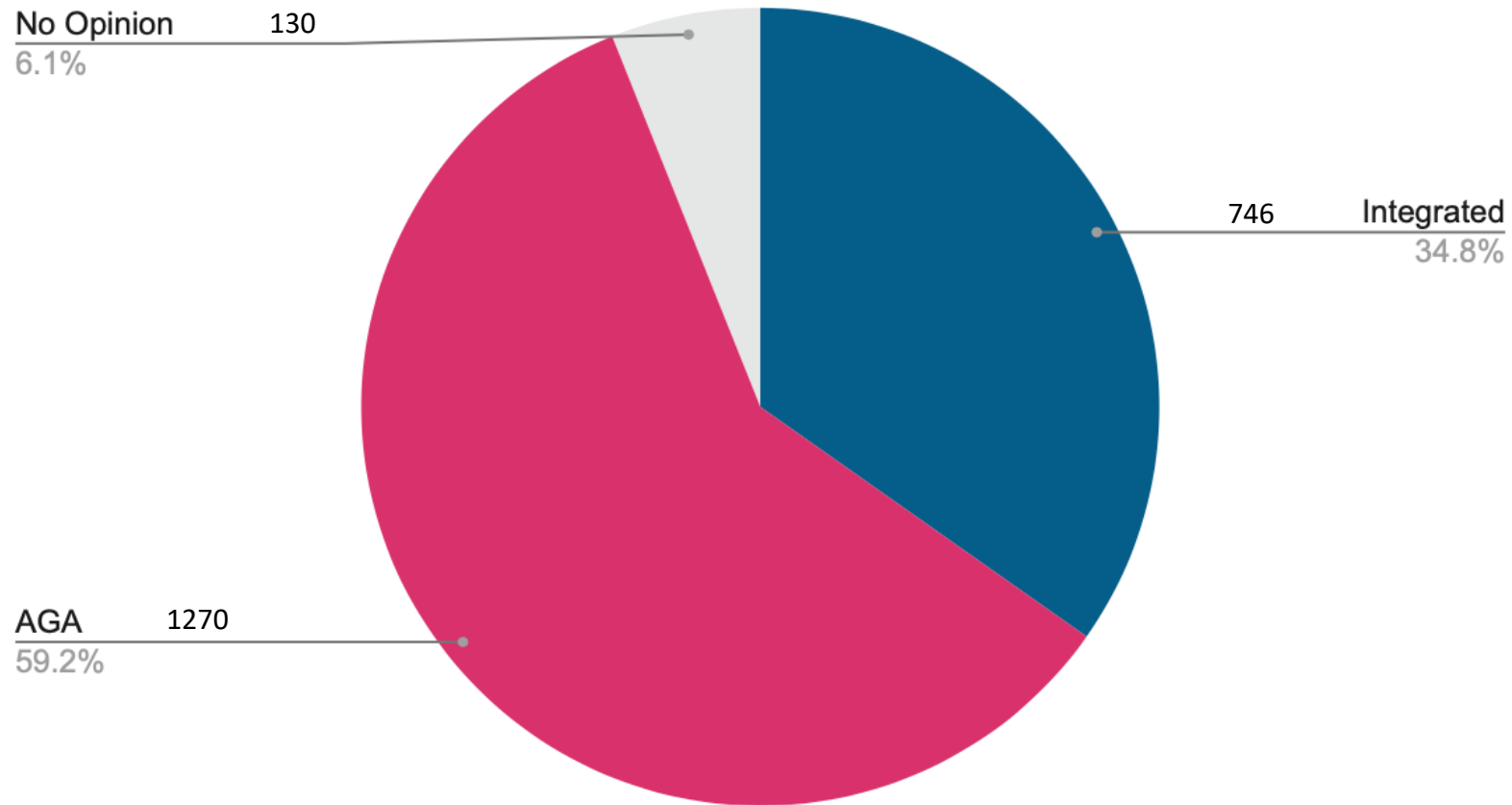
# AGA VS Integrated: Overall Response

## Integrated VS AGA



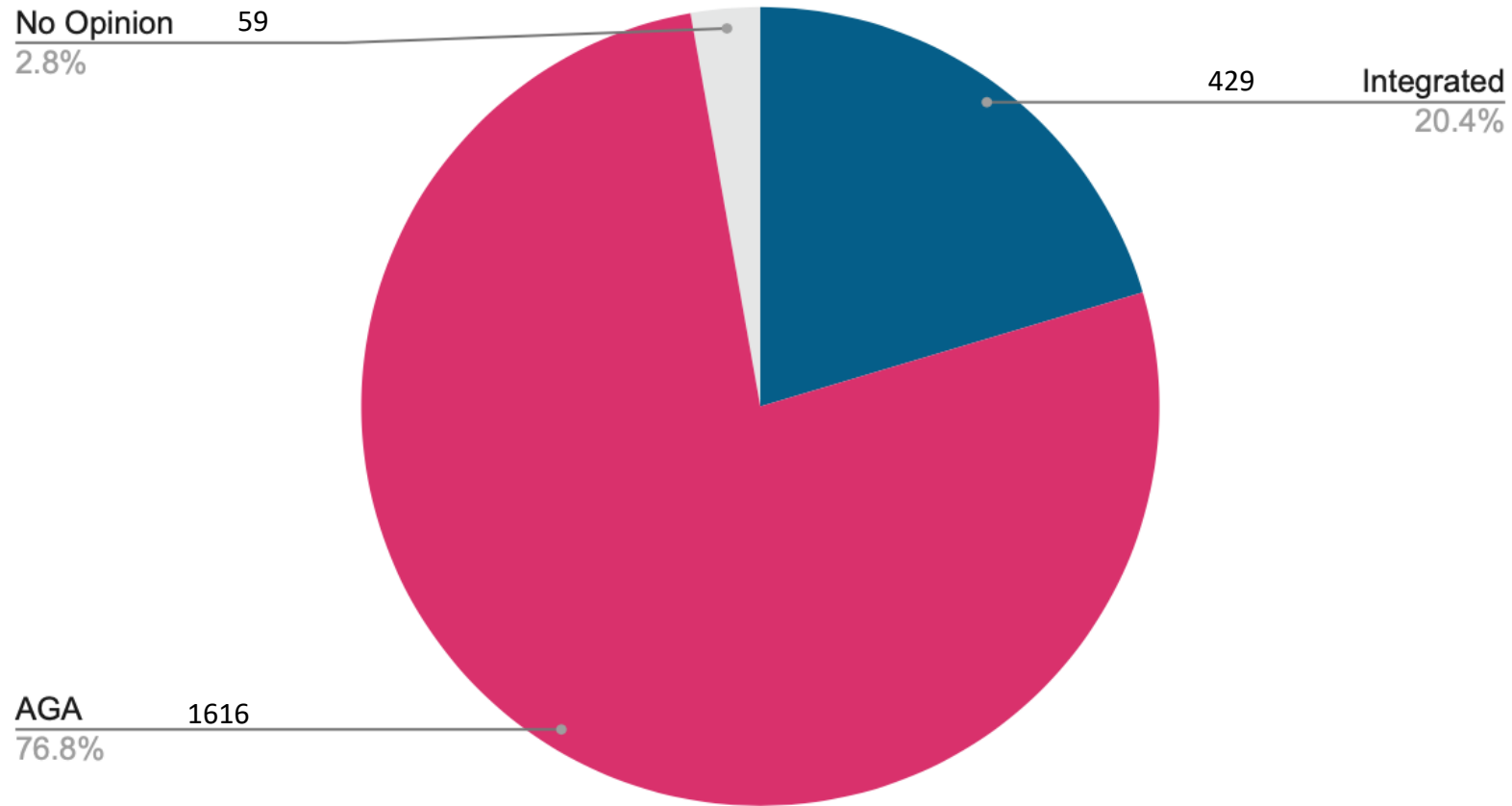
# AGA VS Integrated: Teachers

Teachers AGA VS Integrated



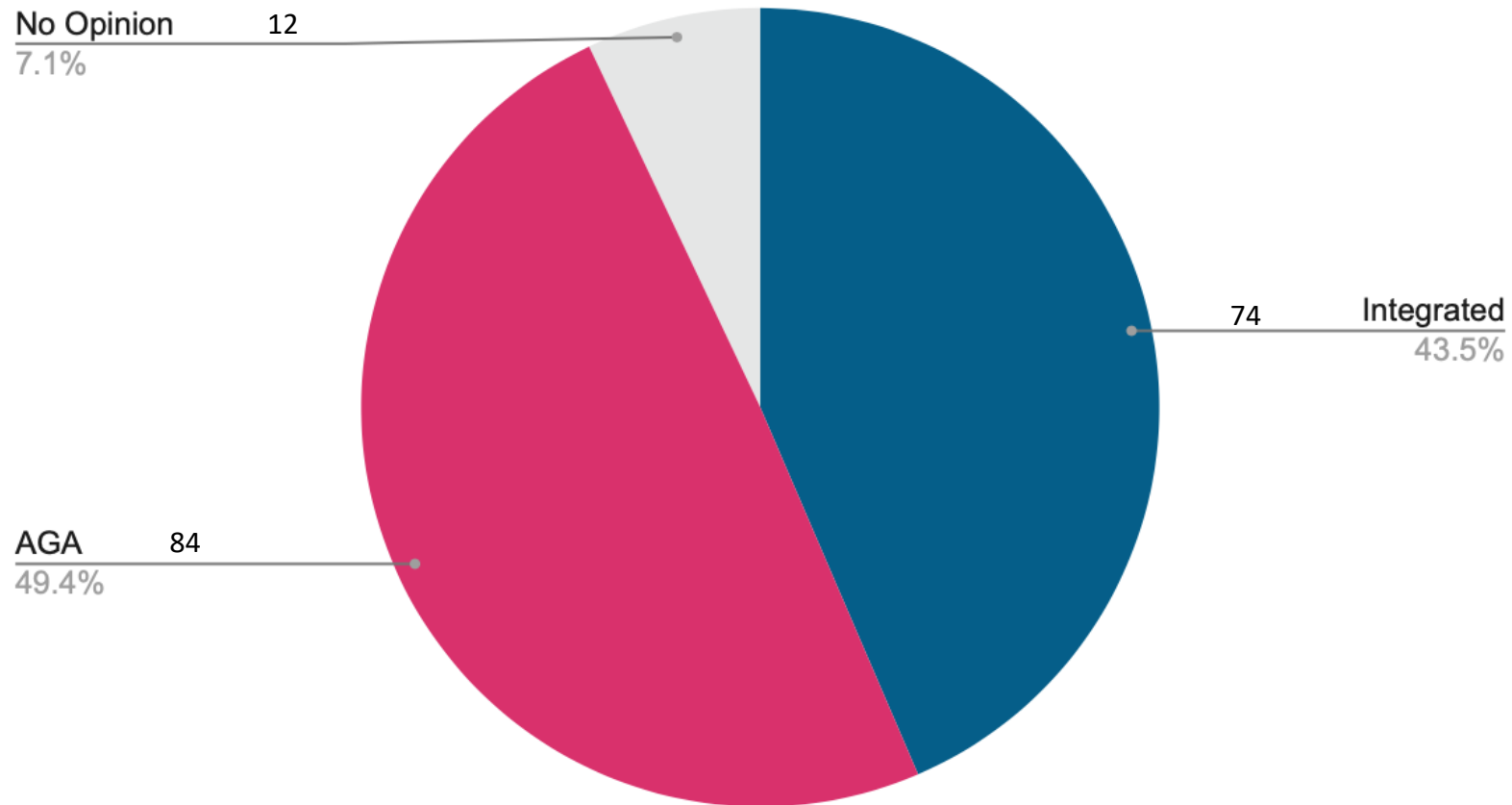
# AGA VS Integrated: Parents

Parents AGA VS Integrated



# AGA VS Integrated: Administrators

Administrators AGA VS Integrated



# Secondary Math Teacher Responses

	LEA Choice	One Statewide Model	50/50 Split
Districts	14%	76%	11%
Charters	41%	53%	6%

	Integrated	AGA	50/50 Split
Districts	24%	62%	14%
Charters	25%	71%	4%

[Full data set](#)

# Nationwide Secondary Mathematics

Structures and Assessments

# Nationwide Secondary Math Structures & Assessments

- 10 states require AGA (some allow/require a different order)
- 3 states require Integrated
- 37 states allow choice
  - 29 states have grade level specific testing requirements
    - Of those 29 states, 21 only require a 3rd year assessment
    - 16 of those states only require ACT or SAT
    - 2 state require only a 9th grade assessment, 2 only require an assessment in 10th grade
  - 8 states require course specific assessments
    - 3 of those states only assess after their Algebra 1 course

# Secondary Mathematics Structures & Assessments

State Structures	
Choice	74%
AGA	20%
Integrated	6%

States allowing Choice	
Single Assessment	68%
Other	32%

# Mathematics Structures: AGA and Integrated

State	Structure: AGA Integrated	Assessment: Grade Course Specific	Assessment Details
Alabama	AGA	11	ACT
Indiana	AGA	11	SAT
Oklahoma	AGA	11	ACT
South Carolina	AGA	Course Specific	Algebra I
Texas	AGA	Course Specific	Algebra I
Arkansas	AGA	Course Specific	Algebra I and Geometry
Florida	AGA	Course Specific	Algebra I and Geometry
Georgia	AGA	Course Specific	Algebra I Concepts and connections
New York	AGA	Course Specific	Algebra I, Geometry, Algebra II
Virginia	AGA	Course Specific	Algebra I, Geometry, Algebra II
Utah	Integrated	9 & 10	Course Specific
Maryland	Integrated	Course Specific	Integrated I and II
North Carolina	Integrated	Course Specific	Integrated I and II

# Assessment Guidance for States with Choice

State	Structure: Choice	Assessment: Grade Course Specific	Assessment Details
Alaska	Choice	9	State Exam
Vermont	Choice	9	State Exam
Kansas	Choice	9 & 10	State Exam
North Dakota	Choice	9 & 10	State Exam
Wyoming	Choice	9 & 10	ACT
Massachusetts	Choice	10	State Exam
Washington	Choice	10	State Exam
Kentucky	Choice	10 & 11	SAT
Iowa	Choice	Course Specific	Algebra I, Geometry, Algebra II
Louisiana	Choice	Course Specific	Algebra I and Geometry
Mississippi	Choice	Course Specific	Algebra I
Missouri	Choice	Course Specific	Algebra I
New Jersey	Choice	Course Specific	Algebra I, Geometry, Algebra II
Ohio	Choice	Course Specific	Algebra I and Geometry
Pennsylvania	Choice	Course Specific	Algebra I
Tennessee	Choice	Course Specific	Algebra I, Geometry, Algebra II

# Assessment Guidance for States with Choice

State	Structure: Choice	Assessment:Grade or Course Specific	Assessment Details
Arizona	Choice	11	ACT
California	Choice	11	State Exam
Colorado	Choice	11	SAT
Connecticut	Choice	11	SAT
Delaware	Choice	11	SAT
Hawaii	Choice	11	State Exam
Idaho	Choice	11	State Exam
Illinois	Choice	11	SAT
Maine	Choice	11	SAT
Michigan	Choice	11	SAT
Minnesota	Choice	11	State Exam
Montana	Choice	11	ACT
Nebraska	Choice	11	ACT
Nevada	Choice	11	ACT
New Hampshire	Choice	11	SAT
New Mexico	Choice	11	SAT
Oregon	Choice	11	State Exam
Rhode Island	Choice	11	SAT
South Dakota	Choice	11	State Exam
West Virginia	Choice	11	SAT
Wisconsin	Choice	11	ACT

# Instructional Materials

# Instructional Materials Center

## Recommended Instructional Materials System (RIMS) Database

Secondary Math Resources,

Aligned to 2016 Integrated Core Standards:

- Recommended Primary Curricular Resource: 7
- Recommended Limited Curricular Resource: 5
- Recommended Student Resource: 0
- Recommended Teacher Resource: 0
- Reviewed, Not Recommended: 2

Based on review completed since 2021

Reviews are valid for 5 years

# Concurrent Enrollment and National Assessment Data

# Concurrent Enrollment Data

<https://utahpolicy.com/wp-content/uploads/2026/01/Math-Competency-Initiative-Annual-Report-Academic-Year-2024-25.pdf>

## Outcomes of the Math Competency Initiatives

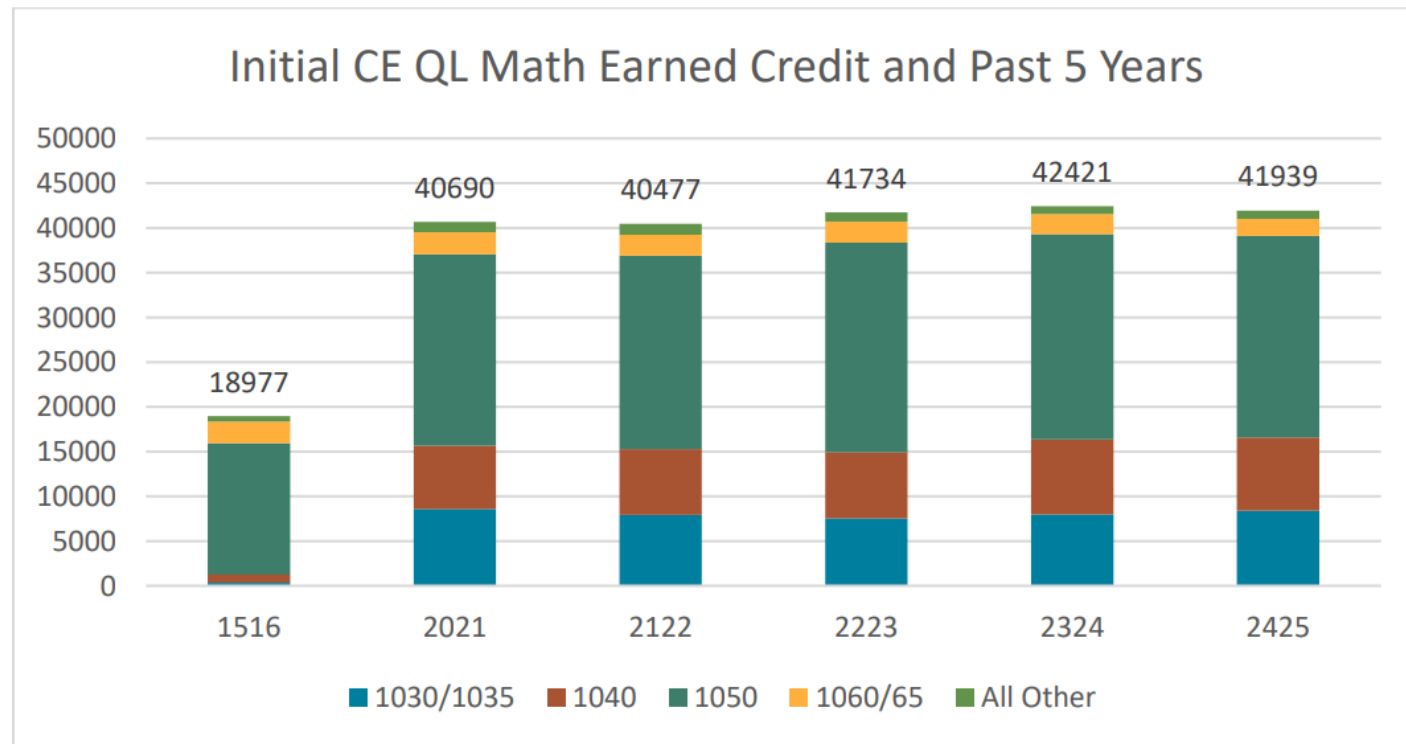


Figure 1.

NOTE: 121% increase in CE QL earned credit since 2015.

# Concurrent Enrollment Data

<https://utahpolicy.com/wp-content/uploads/2026/01/Math-Competency-Initiative-Annual-Report-Academic-Year-2024-25.pdf>

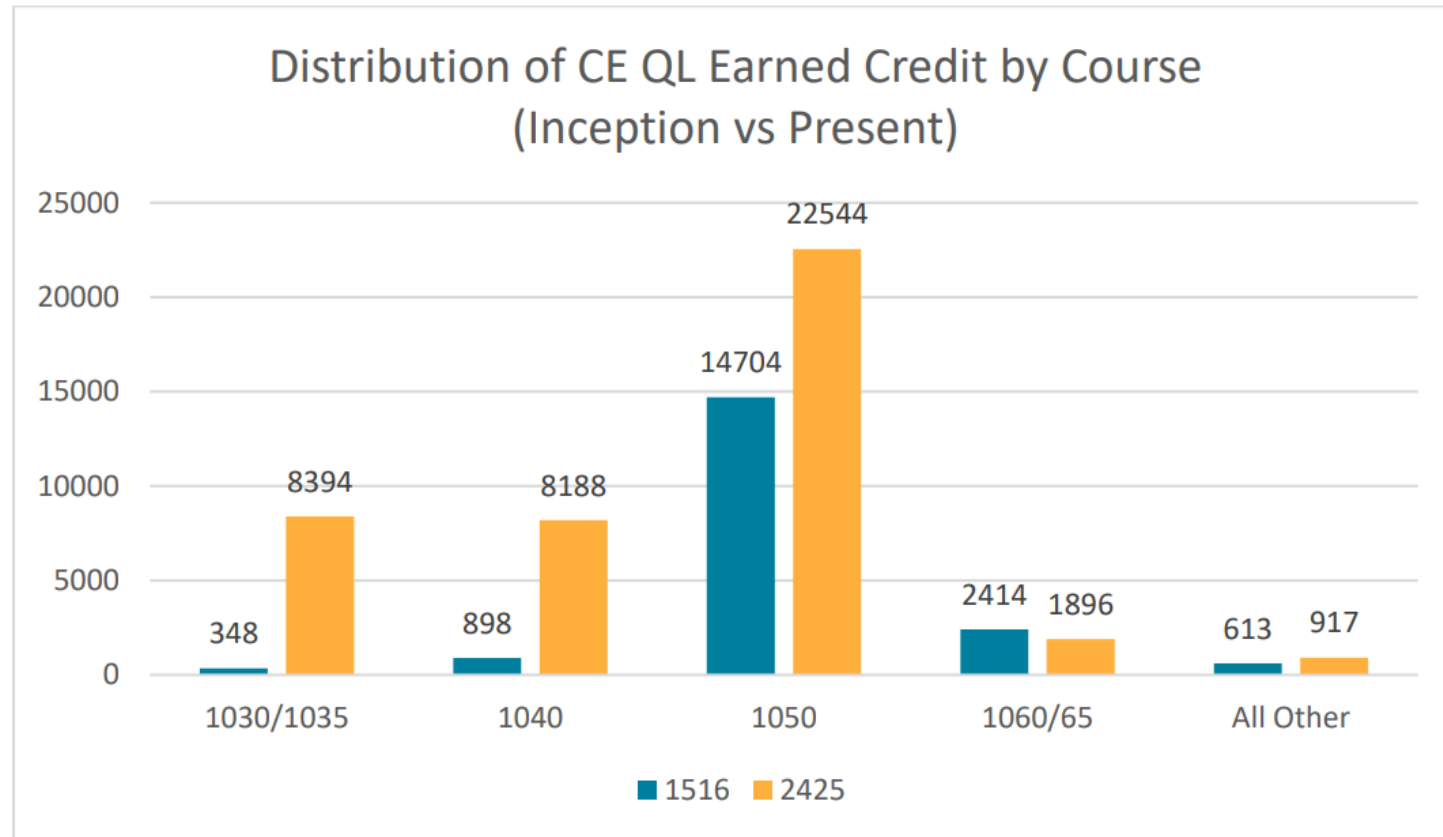


Figure 2.

NOTE: 1050 is a prerequisite for 1060/65

SY 2015-2016 & SY 2024-2025

# 8th Grade Math NAEP Data

[Performance trends for states and districts](#)

Changes in average scores between 2000 and 2024 for eighth-grade public school students in NAEP mathematics, by state/jurisdiction

22 states had scores that were not significantly higher

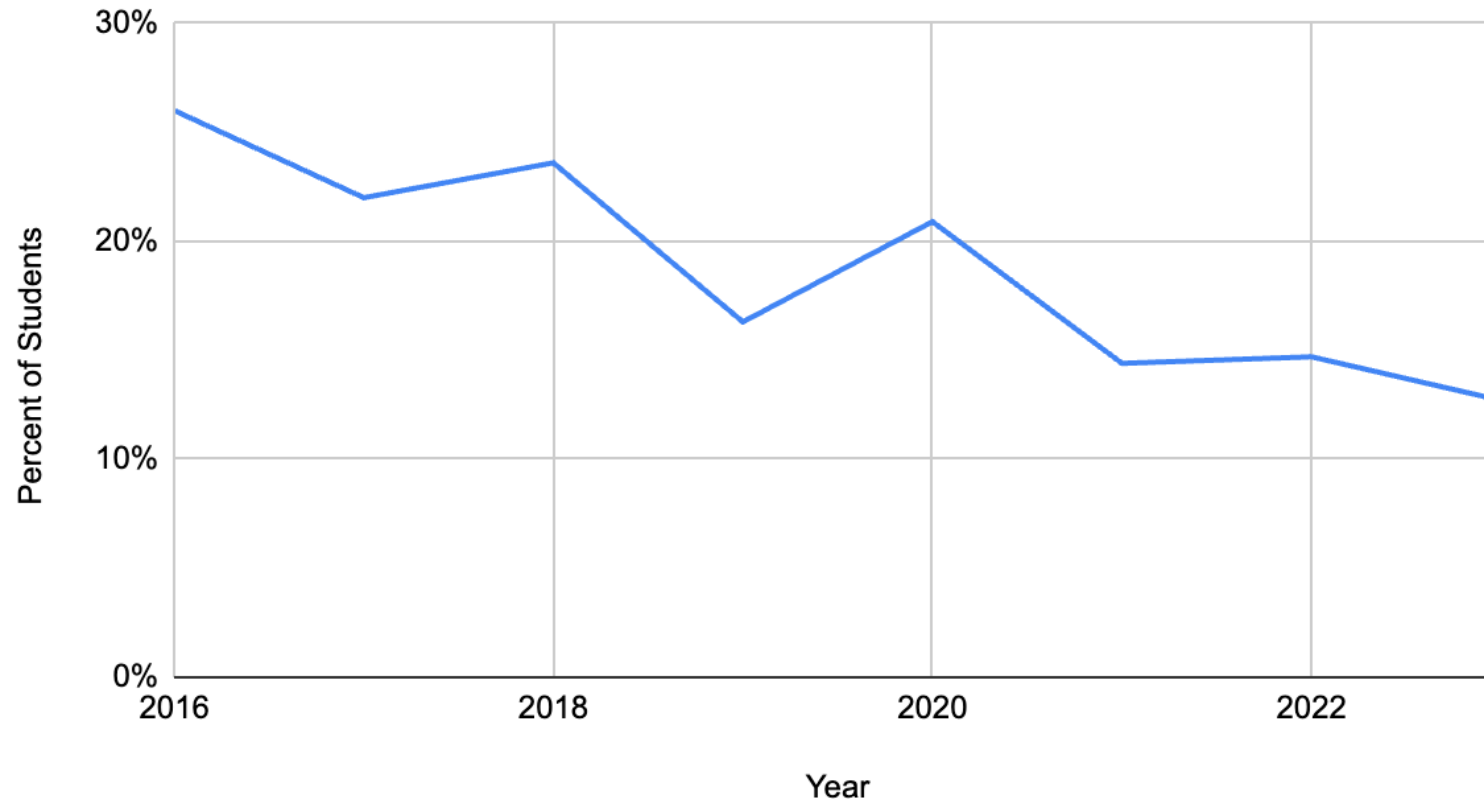
9 state had scores that were lower

12 states had no historical score comparison

States/Jurisdictions	2024	2000	2024-2000 change
Nation (public)	272	272	◊
<b>10 had higher scores</b>			
District of Columbia	262	235*	↑ 27
Mississippi	269	254*	↑ 15
DoDEA	291	277*	↑ 15
Tennessee	276	262*	↑ 14
California	269	260*	↑ 9
Arkansas	266	257*	↑ 9
<b>Utah</b>	<b>282</b>	<b>274*</b>	<b>↑ 8</b>
Louisiana	267	259*	↑ 8
Hawaii	270	262*	↑ 8
Massachusetts	283	279*	↑ 5

# First Year College Students Enrolled in Remedial Math Courses

First Year Students Enrolled in Remedial Math Course vs. Year



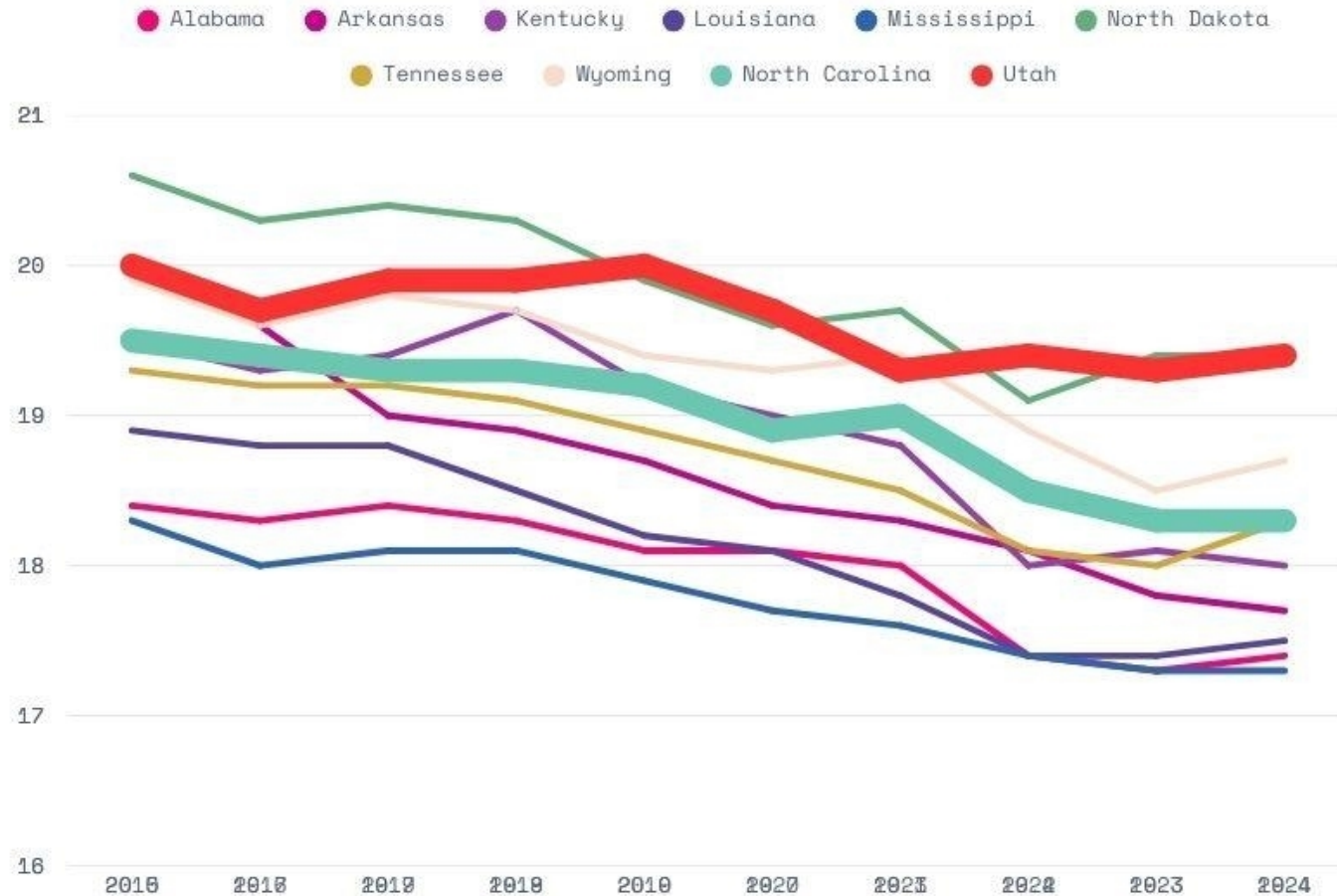
<https://ushe.edu/high-school-feedback-reports/>

# ACT Data

States that test all students

## Average Math ACT Scores by State

Only states that have universal ACT testing are shown. Utah & North Carolina (bolded lines) are the two states in the set that use an Integrated Math curriculum.



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Data source: NCES Average ACT scores and percentage of graduates taking the ACT, by state



# Thank you!

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