



Illinois State Board of Education

Percent 8th Graders Taking
Algebra I

SIS School Year at a Glance

- **August 13, 2022 by 4:00 p.m. Deadline**
 - Adjusted Cohort Graduation Rates due
 - Advanced Coursework data Finalized
 - Chronic Absenteeism data Finalized
 - Chronic Truancy data Finalized
 - 9th Grade on Track data Finalized
 - **Percent 8th Graders Taking Algebra I data Finalized**
 - Student Attendance data Finalized
 - Student Mobility data Finalized



Percent 8th Graders Taking Algebra I

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- **This metric is the percentage of 8th graders who have passed Algebra I or an equivalent math class. (This data will reflect the 2021 School Report Card)**
 - A student enrolled at any Illinois public school on or before 9/30/2020 and on or after 5/1/2021 is assigned to the last district enrolled for the school year.
 - The source for this metric is from the student enrollment and student course assignment data found in the Student Information System.
 - High School credit is available for Math courses that are identified as Secondary Courses
 - Please note that math courses taken during the summer session following 8th grade are NOT included in this calculation.



Percent 8th Graders Taking Algebra I

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If student is assigned to one of the following State Courses they are classified as passing Algebra I, regardless of the Final Letter Grade. (This is because these classes require Algebra I as a prerequisite.)

State Course ID	State Course Title
02056A000	Algebra II
02072A000	Geometry
02103A000	Trigonometry
02105A000	Trigonometry/Math Analysis
02106A000	Trigonometry/Algebra
02107A000	Trigonometry/Analytic Geometry
02108A000	Math Analysis/Analytic Geometry
02109A000	Elementary Functions
02110A000	Pre-Calculus
52072A000	Geometry



Percent 8th Graders Taking Algebra I

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If an 8th grade student enrolls and passes these Algebra I - equivalent classes, they are considered passing Algebra I

State Course ID	State Course Title
02052A000	Algebra I (Secondary Course with high school credit)
02054A000	Algebra I/Part 2
02055A000	Transition Algebra
02061A000	Integrated Math—multi-year equivalent
52038A000	Mathematics (grade 8) with Course Level as “Enriched” or “Honors”
52052A000	Algebra I (Prior to Secondary)
52061A000	Integrated Math/Multiyear Equivalent
52069A000	Algebra/Other



Percent 8th Graders Taking Algebra I

Final Letter Grade	Description
A+	Student received course term credit.
A	Student received course term credit.
A-	Student received course term credit.
B+	Student received course term credit.
B	Student received course term credit.
B-	Student received course term credit.
C+	Student received course term credit.
C	Student received course term credit.
C-	Student received course term credit.
D+	Student received course term credit.
D	Student received course term credit.
D-	Student received course term credit.
S	Satisfactory or Pass. Student received course term credit.
Above Average	Students performance exceeds standards. (Grades K-8 only)
Average	Students performance meets expectations. (Grades K-8 only)
P	Student was promoted at end of term. (Grades K-8 only)
Exceptional (Exceeds Expectations)	Student demonstrates the skill or understands the concepts at a level exceeding expectations for the reporting period.
Meets Standard (Developing Appropriately)	Student usually demonstrates the skill or understands the concepts and meets expectations for the reporting period.



Percent 8th Graders Taking Algebra I

- Percent of 8th Graders Passing Algebra I - Report

Illinois State Board of Education

Helpful Resources ▾ Contact Technical Support

SIS

IBM SIS Test User ▾

Home

Student ▾

Assessment ▾

Adjusted Cohort

Teacher

Early Childhood Transition

Prenatal

Reports

Batch File Processing ▾

District Data Verification ▾

Seal of Biliteracy Application

Missing Courses ▾

Summative Designation ▾

State Reporting ▴

Fall Enrollment Counts Summary

Spring Enrollment Counts Summary

Homeless Counts Summary

End of Year Reports ▾

Report Card and Accountability Reports ▾

Advanced Coursework Summary Details

Chronic Absenteeism Summary Details

Chronic Truancy Summary Details

College and Career Readiness Indicator Summary Details

9th Grade On Track Details

Percent 8th Graders Taking Algebra I Details

Student Mobility Summary Details

Adjusted Cohort Graduation Rate ▾

Prenatal ▾

Miscellaneous Reporting ▾

Percent 8th Graders Taking Algebra I

- **Percent of 8th Graders Passing Algebra I – Report Criteria Screen**

The screenshot shows the SIS (State Information System) interface for the Illinois State Board of Education. The page title is "Percent 8th Graders Taking Algebra I". The interface includes a sidebar with navigation options: Home, Student, Assessment, Adjusted Cohort, and Teacher. The main content area has a "Back To Reports" link and a "Show Courses" section with radio buttons for "Yes" and "No", where "No" is selected. Below this are two buttons: "View Report" and "Create PDF Report". The "Show Courses" section and the buttons are highlighted with red boxes.

Percent 8th Graders Taking Algebra I

- Percent of 8th Grades Passing Algebra I - Report (Without Courses)

Illinois State Board of Education Student Information System

2020 Percent 8th Graders Taking Algebra I Report (Detail)

SIS Serving District: 12345678901 ISBE Test District

Selection Criteria: Course Details Hidden

* Courses in Subject Areas 52 + 02

Total Students: 336	8th Grade Passing Algebra I: 49	Did Not Pass/Take Algebra I: 287	Percent Passing Algebra I: 14.58
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Home School: 123456789012345 ISBE Test Middle School

Total Students: 194	8th Grade Passing Algebra I: 22	Did Not Pass/Take Algebra I: 172	Percent Passing Algebra I: 11.34
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Did Not Pass Algebra I

Student ID	Student Name	Date of Birth	Student on Track
123456789	Student, Test	07/10/2006	Did Not Pass Algebra I
123456789	Student, Test2	10/12/2005	Did Not Pass Algebra I
123456789	Student, Test3	03/14/2006	Did Not Pass Algebra I

Percent 8th Graders Taking Algebra I

- Percent of 8th Grades Passing Algebra I - Report

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Fall Enrollment Counts [Summary](#)

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Report Card and Accountability Reports ▲

Advanced Coursework [Summary](#) [Details](#)

Chronic Absenteeism [Summary](#) [Details](#)

Chronic Truancy [Summary](#) [Details](#)

College and Career Readiness Indicator [Summary](#) [Details](#)

9th Grade On Track [Details](#)

Percent 8th Graders Taking Algebra I [Details](#)

Student Mobility [Summary](#) [Details](#)

Adjusted Cohort Graduation Rate ▾

Prenatal ▾

Miscellaneous Reporting ▾

Percent 8th Graders Taking Algebra I

- **Percent of 8th Grades Passing Algebra I – Report Criteria Screen**

The screenshot shows the SIS (State Information System) interface for the Illinois State Board of Education. On the left is a dark blue navigation sidebar with a hamburger menu icon at the top. Below the menu, the text 'SIS' is displayed in green. The sidebar contains several menu items: 'IBM SIS Test User' with a dropdown arrow, 'Home' with a house icon, 'Student' with a person icon and a dropdown arrow, 'Assessment' with a document icon and a dropdown arrow, 'Adjusted Cohort' with a graduation cap icon, and 'Teacher' with a person icon. The main content area has a light gray background. At the top right, there are links for 'Helpful Resources' and 'Contact Technical Support'. Below these is a dark blue header bar with the text '< Back To Reports' and 'Percent 8th Graders Taking Algebra I'. The main content area contains two dropdown menus: 'School Year' with '2022' selected and 'School' with 'All Schools' selected. Below these is a 'Show Courses' section with radio buttons for 'Yes' (selected) and 'No'. At the bottom, there are two buttons: 'View Report' and 'Create PDF Report', both highlighted with a red border.

Percent 8th Graders Taking Algebra I

- Percent of 8th Grades Passing Algebra I - Report (With Courses)

Illinois State Board of Education Student Information System

2020 Percent 8th Graders Taking Algebra I Report (Detail)

SIS Serving District: 12345678901 ISBE Test District

Selection Criteria:

* Courses in Subject Areas 52 + 02

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Did Not Pass Algebra I

Student ID	Student Name	Date of Birth					Student on Track	
123456789	Student, Test	07/10/2006					Did Not Pass Algebra I	
Term	State Course ID	State Course Title	Section	Start Date	End Date	Credit	Grade	Course On Track
S3	52038A000	Mathematics (grade 8)	8497301	06/16/2020	07/23/2020	0.25	U	Not Included
Y1	52038A000	Mathematics (grade 8)	820438EE	08/15/2019	06/01/2020	1.00	D+	Not Included
Student ID	Student Name	Date of Birth					Student on Track	
123456789	Student, Test2	10/12/2005					Did Not Pass Algebra I	
Term	State Course ID	State Course Title	Section	Start Date	End Date	Credit	Grade	Course On Track
Y1	52038A000	Mathematics (grade 8)	820388B	08/15/2019	06/01/2020	1.00	A	Not Included

