

# NH Statewide Assessment System (NH SAS) MSD Data Results from Spring 2024

Data Results from Spring 2024

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November 25, 2024



# **New Hampshire Statewide Assessment System (NH SAS)**

Statewide assessments support student learning and measure students' academic achievement. Annually, New Hampshire school districts and public charter schools are required by state law (RSA 193-C) and federal accountability laws (Every Student Succeeds Act) to assess students using a standardized assessment. Several assessments are utilized in order to comply with these requirements.

The New Hampshire Statewide Assessment System (NH SAS) is a series of assessments for English language arts (ELA) and mathematics in grades 3–8 and for science in grades 5, 8, and 11.

The NH SAS began in the 2017–2018 school year.

- NH Department of Education, Office of Academic and Assessment,  
Policy and Procedure Manual, March 22, 2022





## Purpose

Statewide assessments are an important part of a student's core educational program in conjunction with student work on classroom assignments, projects, essays and local assessments.

State assessment results give teachers, parents, and the community important information about where students are on their path toward academic success by providing:

- A measure of student mastery of content and skills in various academic areas
- A tool for measuring the degree to which students are on track to graduate high school and are college- and career-ready
- Information to guide future instruction in the classroom

*NH Department of Education, Office of Academic and Assessment,  
Policy and Procedure Manual,*



## **District Participation**

**Who participated in the state assessment?**

- ELA: Grades 3, 4, 5, 6, 7, 8 (5,365 students)
- Math: Grades 3, 4, 5, 6, 7, 8 (5,410 students)
- SAT: Grade 11 (585 of students)
- Science: Grades 5, 8, and 11 (2,112 students)



## How is the assessment scored?

- Level 4 - Exceeds Proficiency
- Level 3 - Proficient
- Level 2 - Approaching Proficiency
- Level 1 - Does not meet Proficiency



## Participation Rate by Subject - District

	2019	2020	2021	2022	2023	2024
ELA	91	COVID	69	89	92	94
Math	91	COVID	70	89	92	94
Science	80	COVID	57	80	88	88

Federal law requires 95% participation.

The following proficiency data is based on all students who took the test and does not include the accountability threshold of 95% requirement. Therefore, there are no zeros calculated into these tables. Zeros are counted in the federal accountability reporting for participation rates up to the 95% level.

**In 2024, our  
participation  
rate has  
increased to  
94%.**

MM Department of Education, Office of Academic and Assessment  
Policy and Procedure Manual, March 22, 2022





## % Participation Rate by Grade - District

Grade	ELA			Math			Science			Did Not Test*	
	2022	2023	2024	2022	2023	2024	2022	2023	2024	2023	2024
3	98	97	98	98	97	98				27	13
4	96	97	98	96	98	98				21	20
5	94	96	98	94	96	97				39	19
6	88	92	95	89	92	96				69	31
7	87	92	96	86	93	96				57	30
8	83	89	94	84	89	94	81	87	94	90	41
11	75	79	78	75	79	77	60	77	72	148	181

\*For accountability purposes, this is the number of students who did not test.



## Historical Data: Percent Proficient - District

		2018	2019	2020	2021	2022	2023	2024
ELA	Manchester	33	32	COVID	27	28	28	29
	State	58	56	COVID	52	51	52	53
Math	Manchester	23	23	COVID	14	16	19	19
	State	48	48	COVID	38	40	42	41
Science	Manchester	19	15	COVID	17	16	14	15
	State	41	39	COVID	37	37	37	36

### **Notable Fact:**

- From 2021 - 2024 as a District students have made a steady increasing in English Language Arts and a 5% increase in Mathematics.
- Highland Goffs Falls had the highest percentage of student proficient: ELA 47%, Math 46%.





## Percent Proficient in ELA

Grade	Manchester				State			
	2021	2022	2023	2024	2021	2022	2023	2024
3	19	20	22	29	44	45	46	50
4	27	29	27	27	49	48	50	50
5	27	30	29	30	54	54	54	56
6	23	26	26	28	51	53	53	52
7	26	27	29	27	51	49	54	54
8	22	23	29	23	49	46	51	49
11	48	43	40	42	63	61	59	63

### Notable Fact:

- Grade 3 and Grade 6 have made significant gains.



## Percent Proficient in Math

Grade	Manchester				State			
	2021	2022	2023	2024	2021	2022	2023	2024
3	14	22	24	27	45	51	52	53
4	15	25	29	31	41	48	51	49
5	10	13	16	16	33	38	39	40
6	10	12	15	14	35	39	42	41
7	12	15	16	16	34	36	39	40
8	13	11	13	13	33	33	35	37
11	27	18	15	11	42	37	35	30

### Notable Fact:

- Grade 3, 4, and 5 made significant gains from Spring 2021 to Spring 2024.



## Percent Proficient in Science

Grade	Manchester				State			
	2021	2022	2023	2024	2021	2022	2023	2024
5	11	14	14	14	35	38	36	36
8	15	14	11	14	34	33	35	34
11	31	23	17	18	43	40	41	39

### Notable Fact:

- Webster had the highest percentage of Grade 5 students proficient in Science, 32%.
- Science is an area that we continue to focus on.
- Teachers continuously receive professional development.





## Growth

The Mean Growth Percentile (MGP) for students offers a dynamic way of looking at academic growth by comparing a student's growth with that of their academic peers. An academic peer group are students with the same achievement history and changes every year to form new groupings. For example, how did all students with a scale score of 325 score the next year where 50% is average growth. (Half of the students will be above and half will be below. )

		2018	2019	2020	2021	2022	2023	2024
ELA	Manchester	50	50	COVID	COVID	45	45	45
	State	50	50	COVID	COVID	50	50	50
Math	Manchester	46	49	COVID	COVID	45	50	46
	State	50	50	COVID	COVID	50	50	50



## Growth ELA

Grade	Manchester						State
	2018	2019	2021	2022	2023	2024	2024
3	n/a	n/a	n/a	n/a	n/a	n/a	50
4	47	48	Need 2 Years	50	46	47	50
5	50	53		44	42	44	50
6	49	47		44	44	44	50
7	50	50		43	47	45	50
8	53	51		41	46	45	50
11	n/a	n/a	n/a	n/a	45	n/a	n/a

## Growth Math

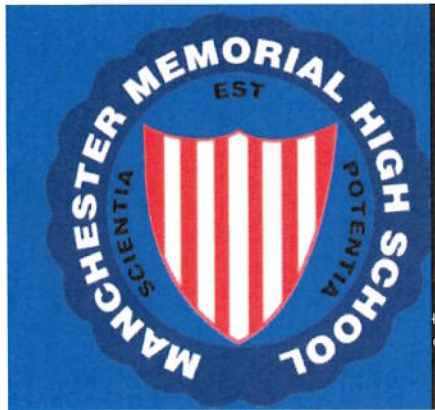
Grade	Manchester						State
	2018	2019	2021	2022	2023	2024	2024
3	n/a	n/a	n/a	n/a	n/a	n/a	50
4	48	50	Need 2 Years	52	55	56	50
5	46	52		44	47	42	50
6	47	49		44	48	44	50
7	43	45		46	52	45	50
8	46	48		39	45	43	50
11	n/a	n/a	n/a	n/a	n/a	n/a	n/a

### Notable Fact:

- Grade 4 Math 56.
- Northwest had a math growth of 70.
- Webster had an ELA growth of 57.



# High School Data





# College and Career Readiness: District



SCHOOL AND DISTRICT  
REPORT CARD

## 2023



### College & Career Readiness

These indicators show students who graduate from high school are prepared to enter and succeed in post-secondary opportunities.

Dropout Rate

**5.07%**

Five-Year Graduation Rate

**76.89%**

Four-Year Graduation Rate

**72.90%**

Postsecondary Enrollment

**44.14%**

## 2024



### College & Career Readiness

These indicators show students who graduate from high school are prepared to enter and succeed in post-secondary opportunities.

Dropout Rate

**3.17%**

Five-Year Graduation Rate

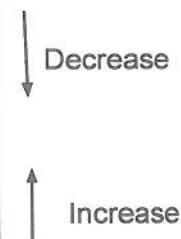
**76.58%**

Four-Year Graduation Rate

**74.35%**

Post Secondary Enrollment

**\*CS**



### Notable Fact:

- **Dropout Rate has declined.**
- **Four-Year Graduation rate has increased.**



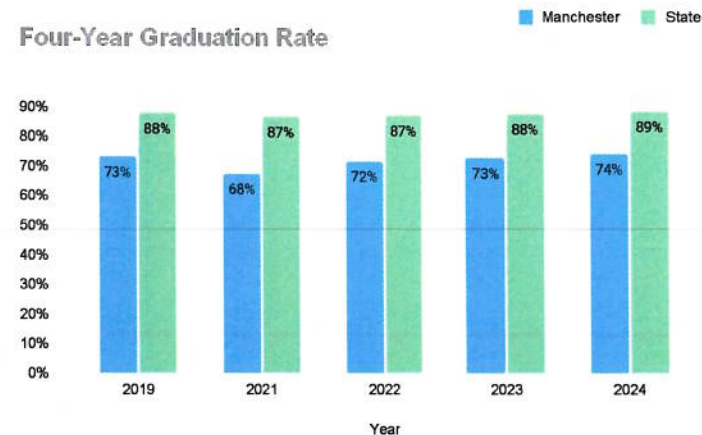
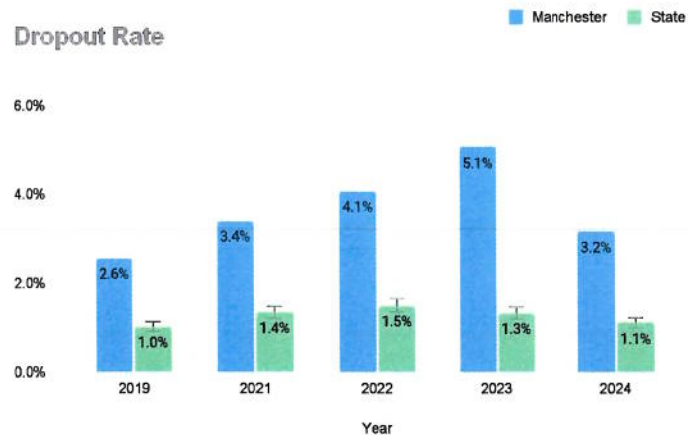
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# College & Career Readiness - District Data

These indicators show students who graduate from high school are prepared to enter and succeed in post-secondary opportunities.

Manchester	2019	2021	2022	2023	2024
Dropout Rate	2.57%	3.41%	4.08%	5.07%	3.17%
Five-Year Graduation Rate	80.88%	78.19%	73.62%	76.89%	76.58%
Four-Year Graduation Rate	73.18%	67.62%	71.81%	72.90%	74.35%
Post Secondary Enrollment	53.29%	50.84%	49.39%	44.14%	*CS

\*2020 Covid



# High School Profile



## SCHOOL AND DISTRICT REPORT CARD

### Manchester Central High School

### Manchester Memorial High School

### Manchester West High School

#### PROFILE

District and school profiles showing October 1st enrollment counts and student demographic information

Total Student Enrollment	All Students	1,073
Population By Gender	Female	47.16%
	Male	52.84%
Population By Race/Ethnicity	American Indian or Alaskan	*N
	Asian or Pacific Islander	<10%
	Black or African American	16.03%
	Hispanic or Latino	36.72%
	Multiple Races	<10%
	White	38.68%
	Economically Disadvantaged	53.77%
	English Language Learners	30.85%
Population By Subgroup	Homeless	<10%
	Migrant	*N
	Military Connected	N/A
	Not Economically Disadvant..	46.23%
	Students in Foster Care	<10%
	Students with Disabilities	19.29%
	Students without Disabiliti..	80.71%

Total Student Enrollment	All Students	1,329
Population By Gender	Female	52.29%
	Male	47.71%
Population By Race/Ethnicity	American Indian or Alaskan	*N
	Asian or Pacific Islander	<10%
	Black or African American	<10%
	Hispanic or Latino	25.96%
	Multiple Races	<10%
	White	56.28%
	Economically Disadvantaged	38.30%
	English Language Learners	15.12%
Population By Subgroup	Homeless	<10%
	Migrant	N/A
	Military Connected	*N
	Not Economically Disadvant..	61.70%
	Students in Foster Care	<10%
	Students with Disabilities	14.00%
	Students without Disabilities	86.00%

Total Student Enrollment	All Students	766.00
Population By Gender	Female	44.39%
	Male	55.61%
Population By Race/Ethnicity	American Indian or Alaskan	*N
	Asian or Pacific Islander	<10%
	Black or African American	10.84%
	Hispanic or Latino	33.16%
	Multiple Races	<10%
	White	45.30%
	Economically Disadvantaged	58.49%
	English Language Learners	18.28%
Population By Subgroup	Homeless	<10%
	Migrant	N/A
	Military Connected	*N
	Not Economically Disadvant..	41.51%
	Students in Foster Care	<10%
	Students with Disabilities	25.59%
	Students without Disabilities	74.41%





## High School Graduation Rate - Year 4 Cohort

School	2022	2023	2024
Manchester Central High School	67.97	71.43	69.97
Manchester Memorial High School	78.76	75.34	79.88
Manchester School of Technology	78.07	77.89	87.69
Manchester West High School	68.23	58.56	70.41

### Notable Fact:

- **We continue to make steady progress on increase graduation rate. Most notable, MST, Memorial, West.**



# Student Achievement



## SCHOOL AND DISTRICT REPORT CARD

Lower 25%

Central		Memorial		West	
DLM Participation Rate - ELA	0.00%	DLM Participation Rate - ELA	0.00%	DLM Participation Rate - ELA	0.00%
DLM Participation Rate - Math	0.00%	DLM Participation Rate - Math	0.00%	DLM Participation Rate - Math	0.00%
DLM Participation Rate - Science	0.00%	DLM Participation Rate - Science	0.00%	DLM Participation Rate - Science	0.00%
ELA Participation Rate	69%	ELA Participation Rate	91%	ELA Participation Rate	70%
ELA Proficiency	45%	ELA Proficiency	45%	ELA Proficiency	32%
First Year Exemption (#) - ELA	N/A	First Year Exemption (#) - ELA	N/A	First Year Exemption (#) - ELA	N/A
First Year Exemption (%) - ELA	N/A	First Year Exemption (%) - ELA	N/A	First Year Exemption (%) - ELA	N/A
Math Participation Rate	68%	Math Participation Rate	90%	Math Participation Rate	70%
Math Proficiency	16%	Math Proficiency	<10%	Math Proficiency	<10%
Number of Proficient English Learners	*N	Number of Proficient English Learners	*N	Number of Proficient English Learners	*N
On Track to Proficiency	3.23	On Track to Proficiency	3.01	On Track to Proficiency	10.11
Percent of Proficient English Learners	*N	Percent of Proficient English Learners	*N	Percent of Proficient English Learners	*N
Science Participation Rate	57%	Science Participation Rate	93%	Science Participation Rate	60%
Science Proficiency	27%	Science Proficiency	13%	Science Proficiency	16%

### Notable Fact:

- Central High School has the highest Math Proficiency.
- Central High School has the highest Science Proficiency.
- Memorial has the highest percentage of students taking the assessment.



# Federal Accountability in New Hampshire





## Schools In Need of Improvement

The New Hampshire State ESSA Plan requires states to calculate and release the list of public schools identified for CSI every three years. The data represents elementary and middle school performance in four key areas – academic achievement, academic growth, progress toward English language proficiency and academic growth of under-performing students (for K-8 schools). Key indicators for high schools include academic achievement, graduation rates, progress toward English language proficiency and college and career readiness.

	<b>Comprehensive Support and Improvement (CSI)</b>	<b>Targeted Support and Improvement (TSI)</b>	<b>Additional Targeted Support and Improvement (ATSI)</b>
<b>Identification Criteria</b>	Identified based on the following criteria: <ul style="list-style-type: none"> <li>• Lowest performing 5% of Title I Schools</li> <li>• High Schools with graduation rates at or below 67%</li> <li>• ATSI Title I schools that do not exit their status within 6 years</li> </ul>	Schools with a subgroup in the bottom 5% of all schools for that subgroup for 2 consecutive years. <ul style="list-style-type: none"> <li>• Subgroups include English Learners, economically disadvantaged, racial/ethnic groups and students with disabilities</li> </ul>	Schools with a subgroup whose performance on its own would have caused them to be identified as CSI. <ul style="list-style-type: none"> <li>• Subgroups include English Learners, economically disadvantaged, racial/ethnic groups and students with disabilities</li> </ul>
<b>Identification Frequency</b>	Every 3 years	Every year	Every 3 years



## **Manchester School Designation**

- **Comprehensive Support and Improvement (CSI) -**  
(Identified every 3 years )
  - **Beech Street School (from 2023)**
  - **Parker-Varney School (from 2023)**

Schools will work with district leadership to establish a plan to improve academic achievement.  
The Department of Education will examine the school's progress on these plans.

**Schools will be reassessed in Spring 2026.**



# Targeted Support and Improvement (TSI)

Identified every year:

Schools with a subgroup in the lowest performing 5% of all schools for that subgroup for two consecutive years.

- Subgroups include:
  - English Learners
  - Economically Disadvantaged
  - Racial/Ethnic groups
  - Students with disabilities

## Schools Removed from TSI

Manchester West High School      IEP/SWD

## Schools Identified

- **Jewett Street School (Students with disabilities)**
- **Southside Middle School (Students with disabilities)\***
- **Middle School at Parkside (Students with disabilities; Two or more races)\***



\* second year in a row

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## **Additional Targeted Support and Improvement (ATSI):**

Schools with a subgroup that performed below the statewide cut scores for all available indicators. Identified every 3 years (Identified in 2023). Schools Identified:

- **Memorial High School (Students with disabilities)**
- **Middle School at Parkside (Students with disabilities; Two or more races)**
- **Southside Middle School (Students with disabilities; Two or more races)**
- **Highland-Goffe's Falls Elementary School (English Learners; Students with disabilities)**
- **Jewett Street School (English Learners; Students with disabilities)**

Note: ATSI Title I schools that do not exit their status within 6 years will become CSI schools.

**Schools will be reassessed in Spring 2026.**



# Moving forward ~ Our Next Steps

## Continued focus on our Strategic Plan



- Attendance Initiative focusing on students: Show Up Manchester!
- Multi Tiered System of Support Academic and Behavior (MTSS A-B).
- Implement NH SAS Interim Assessments (January).
- Continue to educate the importance of the assessment to staff, students, and families.
- Continue to provide rigorous instruction.
  - Review and revise EL instructional model based on best practices based and data.
  - Stay on message using core programs: Core programs are integral to our mission of providing a consistent and high-quality education to all students. Manchester remains fully committed to their implementation.
- Professional Learning Communities (PLC) to review formative data to inform instruction.
- Continue to promote authentic science instruction with professional development.
- Data Dashboards have been developed and are undergoing UAT testing.
  - Principal's Dashboard - users are able to view Class and Daily Attendance data.
  - Office Discipline Referrals Dashboard - users will be able to view a wide range of data points associated with conduct and subsequent actions taken.

## State Assessment Dates for Spring 2025

Assessment	Grade	Content Area	State Window	District Window
NH ACCESS	K - 12	Speaking, Listening, Reading, Writing,	January - February	January 27 — March 21, 2025
New Hampshire Statewide Assessment System (SAS)	3-8	ELA Reading Math	April 1-June 7, 2025	April 7 -May 15, 2025
	5,8,11	Science	April 1-June 7, 2025	April 7 -May 15, 2025
Digital SAT School Day with Essay- Primary Testing Window	11	ELA, Math	April 1 - April 30, 2025	April 1, 2, 3, 2025





## iAchieve

An online dashboard that includes Assessment Participation, Proficiency and Growth, Achievement Levels, and ESSA Indicators.

# iAchieve Platform

The screenshot shows the New Hampshire Department of Education's iPlatform website. At the top, the header includes the state seal, the text "New Hampshire | LIVE FREE AND LE Home", the "Department of Education" logo, and links for "Contact Us" and "Careers". Below the header is a green navigation bar with links: Home, Education Pathways, Parents and Students, Educators, Partners, Who We Are, Data Reports, Right To Know, and Contact Us. A breadcrumb trail reads "Home > Who We Are > iPlatform". The main heading is "iPlatform" with the subtitle "New Hampshire's school data transparency portal." Below this is a welcome message: "Welcome to the New Hampshire Department of Education's iPlatform 9.75 for education data stories from schools/districts. This portal includes a broad and expanding range of information to create the opportunity for community conversations. To help you navigate through the iPlatform tools, please refer to our [iPlatform Training and Resources](#) area. For best viewing purposes, access the following links in Chrome, Safari, or Edge. If you are unable to find the information you are looking for in iPlatform, please complete a [Data Request Form](#)." The section titled "iAchieve" describes it as "An online dashboard that includes Assessment Participation, Proficiency and Growth, Achievement Levels, and ESSA Indicators, designed to help educators make data-driven decisions and improve student outcomes. The Assessment Participation section displays participation rates and identifies areas of concern. Proficiency and Growth tracks student performance over time to identify areas for additional support. Achievement Levels shows the percentage of students meeting expectations, while ESSA Indicators provide a holistic view of student progress in relation to ESSA requirements."

For more information visit:

<https://www.education.nh.gov/who-we-are/division-of-educator-and-analytic-resources/iplatform>

