



NORTH CAROLINA
State Board of Education
Department of Public Instruction

Report to the North Carolina General Assembly

Advanced Courses in Mathematics

G.S. 115C - 81.36

Date Due: December 15, 2024

DPI Chronological Schedule, 2024-2025

Submitted on behalf of the Office of the Superintendent

STATE BOARD OF EDUCATION

STATE BOARD OF EDUCATION VISION

Every public school student in North Carolina will be empowered to accept academic challenges, prepared to pursue their chosen path after graduating high school, and encouraged to become lifelong learners with the capacity to engage in a globally-collaborative society.

STATE BOARD OF EDUCATION MISSION

The mission of the North Carolina State Board of Education is to use its constitutional authority to guard and maintain the right of a sound, basic education for every child in North Carolina Public Schools.

ERIC DAVIS, Chair
Charlotte – At-Large

JILL CAMNITZ
Greenville – Northeast Region

JOHN BLACKBURN
Linville – Northwest Region

ALAN DUNCAN, Vice Chair
Greensboro – Piedmont-Triad Region

REGINALD KENAN
Rose Hill – Southeast Region

DONNA TIPTON-ROGERS
Brasstown – Western Region

RACHEL HUNT, Lieutenant Governor
Charlotte – Ex Officio

VACANT
North Central Region

J. WENDELL HALL
Ahoskie – At-Large

BRAD BRINER, State Treasurer
Chapel Hill – Ex Officio

OLIVIA OXENDINE
Pinehurst – Sandhills Region

CATTY MOORE
Monroe – At-Large

MAURICE "MO" GREEN, Superintendent
Greensboro – Secretary to the Board

VACANT
Southwest Region

The above State Board of Education information is a record of the board members at the time of this document's approval for publication. For the current list of State Board Members, Vision and Mission Statements, go to www.dpi.nc.gov/about-dpi/state-board-education.

NC DEPARTMENT OF PUBLIC INSTRUCTION

Maurice "Mo" Green, State Superintendent / 301 N. Wilmington Street, Raleigh, North Carolina 27601

In compliance with federal law, the NC Department of Public Instruction administers all state-operated educational programs, employment activities and admissions without discrimination because of race, religion, national or ethnic origin, color, age, military service, disability, or gender, except where exemption is appropriate and allowed by law.

Inquiries or complaints regarding discrimination issues should be directed to:

Thomas Tomberlin, Senior Director, Educator Preparation, Licensure, and Performance, NCDPI
6301 Mail Service Center, Raleigh, NC 27699-6301 / Phone: (984) 236-2114

Visit us on the Web: www.dpi.nc.gov

Report to the North Carolina General Assembly on Advanced Courses in Mathematics, per G.S. 115C-81.36.(c)

G.S. 115C-81.36 directs that, when practicable, local boards of education shall offer advanced learning opportunities in mathematics in grades three through five, and advanced courses in mathematics in all grades six and higher. For those advanced courses offered in mathematics in grades six and higher, any student scoring at the highest level on the end-of-grade or end-of-course test for the mathematics course in which the student was most recently enrolled shall be enrolled in the advanced course for the next mathematics course in which the student is enrolled. The legislation also specifically outlines that a student in seventh grade scoring at the highest level on the seventh-grade mathematics end-of-grade test shall be enrolled in a high school level mathematics course in eighth grade.

In accordance with this legislation, the NC Department of Public Instruction (NCDPI) shall submit a report to the Joint Legislative Education Oversight Committee containing data collected for the current school year on the number and demographic information of students who were *eligible* for advanced mathematics courses under this section, including high school level mathematics courses in eighth grade. In addition, the report will include the number and demographic information for all *eligible* students who were *placed* in advanced mathematics courses and those who were *not placed* in advanced mathematics courses. Finally, the report shall include information on the type and format of advanced mathematics courses provided and shall also include any feedback provided by local boards of education on the implementation of G.S. 115C-81.36.

To comply with this legislation, NCDPI extracted enrollment data for all students currently enrolled in grades six and higher who were *eligible* for advanced courses from the NC Student Information System (NC-SIS) for all Local Education Agencies (LEAs). During this academic year, data was delayed due to the state's two phased transition to the new NC-SIS.

To support this data collection, all LEAs were required to run the Advanced Mathematics Course (AMC) report within either the PowerSchool or Infinite Campus student information system platforms, depending on which is in use in the LEA. During the reporting period, LEAs had the opportunity to review and verify the data contained in the report, and if applicable, use the reporting override feature within PowerSchool or the Data Correction worksheets available to Infinite Campus users to manage any data corrections for students deemed to be either missing from the report, or erroneously reported as not placed in an advanced mathematics course before submitting the report.

The data tables below respond to the legislated requirements, documenting the *eligible* students who were either *placed or not placed* in advanced mathematics courses, and disaggregating the information by sex, grade level, and ethnicity/race. These tables include a comprehensive overview of grades 6-12, and a specific look at grade 8 data, as the legislation specifically requires reporting for grade 8 students eligible for enrollment in high school content. Additionally, NCDPI has provided a detailed view of the demographic information, including sex, race/ethnic group, migrant status, homeless status, English Learner status, Academically or Intellectually Gifted (AIG) status, and Exceptional Children (EC) status for all *eligible* students placed and not placed listed by each of the 115 traditional LEAs. Finally, an overview table of all LEAs is provided with the total number of eligible students and of those, the percentage of students placed in advanced mathematics courses.

Note that the data tables do not represent *comprehensive enrollment* in advanced mathematics courses, rather, the information reflects those students who scored at the highest level on an end-of-grade (EOG) or end-of-course (EOC) mathematics assessment in the previous school year and are therefore automatically eligible for advanced mathematics course enrollment in the current school year, as outlined in the legislation.

At the end of the report, NCDPI provides conclusion statements drawn from the data.

Table 1: Number and percent of students in grades 6 - 12 placed and not placed in an advanced mathematics course during the 2024-2025 school year by sex who scored at the highest level on an approved mathematics assessment in the previous school year for LEAs

<i>Placed in Course by Sex</i>	<i># of eligible students Placed</i>	<i># of students who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students Placed</i>
Female	25,338	27,068	94%
Male	30,142	32,477	93%
Total	55,480	59,545	93%
<i>Not Placed in Course by Sex</i>	<i># of eligible students Not Placed</i>	<i># of students who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students Not Placed</i>
Female	1,730	27,068	6%
Male	2,335	32,477	7%
Total	4,065	59,545	7%

Table 2: Number and percent of students in grades 6 - 12 placed and not placed in an advanced mathematics course during the 2024-2025 school year by grade level who scored at the highest level on an approved mathematics assessment in the previous school year for LEAs.

<i>Placed in Course by Grade Level</i>	<i># of eligible students Placed</i>	<i># of students who scored at the highest level on an approved math assessment by grade level</i>	<i>% of students Placed (% changed from previous year)</i>
Grade 6	10,364	11,743	88% (-2)
Grade 7	9,843	10,644	92% (-1)
Grade 8	*	11,939	>95% (-1)
Grade 9	9,237	9,872	94% (0)
Grade 10	*	4,969	>95% (-1)
Grade 11	8,241	8,688	95% (0)
Grade 12	1,380	1,690	82% (-2)
Total	55,480	59,545	93%
<i>Not Placed in Course by Grade Level</i>	<i># of eligible students Not Placed</i>	<i># of students who scored at the highest level on an approved math assessment by grade level</i>	<i>% of students Not Placed</i>
Grade 6	1,379	11,743	12%
Grade 7	801	10,644	8%
Grade 8	*	11,939	<5%
Grade 9	635	9,872	6%
Grade 10	*	4,969	<5%
Grade 11	447	8,688	5%
Grade 12	310	1,690	18%
Total	4,065	59,545	7%
*data cannot be reported due to small cell suppression rules.			

Table 3: Number and percent of students in grades 6 - 12 placed and not placed in an advanced mathematics course during the 2024-2025 school year by ethnicity/race who scored at the highest level on an approved mathematics assessment in the previous school year for LEAs.

<i>Placed in Course by Ethnicity/Race</i>	<i># of eligible students Placed</i>	<i># of students who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students Placed (% changed from previous year)</i>
American Indian or Alaska Native	190	227	84% (-4%)
Asian	*	9,510	>95%
Black or African American	3,343	3,718	90% (-2%)
Hispanic or Latino	5,525	6,049	91% (-1%)
Native Hawaiian/Other Pacific Islander	*	69	>95%
Two or More	2,544	2,780	92% (-1%)
White	34,662	37,192	93% (-1%)
Total	55,480	59,545	93%
<i>Not Placed in Course by Ethnicity/Race</i>	<i># of eligible students <i>Not</i> Placed</i>	<i># of students who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students <i>Not</i> Placed</i>
American Indian or Alaska Native	37	227	16%
Asian	*	9,510	<5%
Black or African American	375	3,718	10%
Hispanic or Latino	524	6,049	9%
Native Hawaiian/Other Pacific Islander	*	69	<5%
Two or More	236	2,780	8%
White	2,530	37,192	7%
Total	4,065	59,545	7%
<i>*data cannot be reported due to small cell suppression rules.</i>			

Table 4: Number and percent of students in grade 8 placed and not placed in an advanced mathematics course during the 2024-2025 school year by sex who scored at the highest level on an approved mathematics assessment in the previous school year for LEAs

<i>Placed in Course by Sex</i>	<i># of eligible students in grade 8 Placed</i>	<i># of students in grade 8 who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students in grade 8 Placed</i>
Female	*	5,362	>95%
Male	*	6,577	>95%
Total	*	11,939	>95%
<i>Not Placed in Course by Sex</i>	<i># of eligible students in grade 8 Not Placed</i>	<i># of students in grade 8 who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students in grade 8 Not Placed</i>
Female	*	5,362	<5%
Male	*	6,577	<5%
Total	*	11,939	<5%
<i>*data cannot be reported due to small cell suppression rules.</i>			

Table 5: Number and percent of students in grade 8 placed and not placed in an advanced mathematics course during the 2024-2025 school year by ethnicity/race who scored at the highest level on an approved mathematics assessment in the previous school year for LEAs.

<i>Placed in Course by Ethnicity/Race</i>	<i># of eligible students in grade 8 Placed</i>	<i># of students in grade 8 who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students in grade 8 Placed</i>
American Indian or Alaska Native	*	45	93%
Asian	*	2,197	>95%
Black or African American	*	614	>95%
Hispanic or Latino	*	1,073	>95%
Native Hawaiian/Other Pacific Islander	*	14	93%
Two or More	*	547	>95%
White	*	7,449	>95%
Total	*	11,939	>95%
<i>Not Placed in Course by Ethnicity/Race</i>	<i># of eligible students in grade 8 Not Placed</i>	<i># of students who scored at the highest level on an approved math assessment by subgroup</i>	<i>% of students in grade 8 Not Placed</i>
American Indian or Alaska Native	*	45	7%
Asian	*	2,197	<5%
Black or African American	*	614	<5%
Hispanic or Latino	*	1,073	<5%
Native Hawaiian/Other Pacific Islander	*	14	7%
Two or More	*	547	<5%
White	*	7,449	<5%
Total	*	11,939	<5%
<i>*data cannot be reported due to small cell suppression rules.</i>			

Table 6: Advanced courses available across PSUs for students in grades 6-12.

Course Title	
Advanced Math 6	MAT263 Brief Calculus
Advanced Math 7	MAT271 Calculus I
Middle School NC Math 1	MAT272 Calculus II
NC Math 1 Honors	MAT273 Calculus III
Middle School NC Math 2	MAT280 Linear Algebra
NC Math 2 Honors	MAT285 Differential Equations
Middle School NC Math 3	MAT141 Mathematical Concepts
NC Math 3 Honors	MAT167 Discrete Mathematics
Discrete Mathematics for Comp Sci Honors	IB Computer Science HL
NC Math 4 Honors	IB Mathematical Studies SL
Precalculus	IB Mathematics SL
AP Pre-Calculus	IB Math: Analysis and Approaches SL
AP Calculus AB	IB Math: Analysis and Approaches HL
AP Calculus BC	IB Math: Applications & Interpret. SL
AP Computer Science	IB Math: Applications & Interpret. HL
AP Statistics	University Math Course
MAT143 Quantitative Literacy	Univ 300/Higher Math Course
MAT152 Statistical Methods I	CIE Math Probability & Statistics AS
MAT171 Precalculus Algebra	CIE Math Probability & Statistics A
MAT172 Precalculus Trigonometry	

Table 7: Overview of LEA percentage of all eligible students currently placed in an advanced mathematics course.

SBE Region	LEA Code	LEA Name	Students Scored Level 5	Number Placed	Percent Placed
5	10	Alamance-Burlington Schools	584	584	100
7	20	Alexander County Schools	192	*	>95
7	30	Alleghany County Schools	41	32	78
6	40	Anson County Schools	38	26	68
7	50	Ashe County Schools	184	*	>95
7	60	Avery County Schools	35	29	83
1	70	Beaufort County Schools	193	176	91
1	80	Bertie County Schools	13	<10	*
4	90	Bladen County Schools	53	36	68
2	100	Brunswick County Schools	442	*	>95
8	110	Buncombe County Schools	971	*	>95
8	111	Asheville City Schools	128	88	69
7	120	Burke County Schools	468	*	>95
6	130	Cabarrus County Schools	2,462	*	>95
6	132	Kannapolis City Schools	73	*	>95
7	140	Caldwell County Schools	278	*	>95
1	150	Camden County Schools	98	85	87
2	160	Carteret County Public Schools	528	492	93
5	170	Caswell County Schools	19	12	63
7	180	Catawba County Schools	761	688	90

7	181	Hickory City Schools	122	*	>95
7	182	Newton Conover City Schools	112	*	>95
3	190	Chatham County Schools	383	*	>95
8	200	Cherokee County Schools	65	36	55
1	210	Edenton-Chowan Schools	35	*	>95
8	220	Clay County Schools	30	11	37
6	230	Cleveland County Schools	475	428	90
4	240	Columbus County Schools	69	35	51
4	241	Whiteville City Schools	69	22	32
2	250	Craven County Schools	334	306	92
4	260	Cumberland County Schools	1,204	1056	88
1	270	Currituck County Schools	143	*	>95
1	280	Dare County Schools	245	*	>95
5	290	Davidson County Schools	671	*	>95
5	291	Lexington City Schools	31	17	55
5	292	Thomasville City Schools	19	18	95
5	300	Davie County Schools	374	*	>95
2	310	Duplin County Schools	126	120	95
3	320	Durham Public Schools	969	969	100
3	330	Edgecombe County Public Schools	49	37	76
5	340	Winston Salem / Forsyth County Schools	1,821	1821	100
3	350	Franklin County Schools	129	129	100
6	360	Gaston County Schools	1,116	*	>95
1	370	Gates County Schools	10	10	100

8	380	Graham County Schools	13	<10	*
3	390	Granville County Schools	78	73	94
2	400	Greene County Schools	30	30	100
5	410	Guilford County Schools	2,107	*	>95
1	420	Halifax County Schools	<10	*	*
1	421	Roanoke Rapids City Schools	53	53	100
1	422	Weldon City Schools	10	<10	*
3	430	Harnett County Schools	327	277	85
8	440	Haywood County Schools	310	294	95
8	450	Henderson County Schools	613	373	61
1	460	Hertford County Schools	<10	*	*
4	470	Hoke County Schools	136	136	100
1	480	Hyde County Schools	20	<10	*
6	490	Iredell-Statesville Schools	941	816	87
6	491	Mooresville Graded School District	279	260	93
8	500	Jackson County Public Schools	86	86	100
3	510	Johnston County Public Schools	1,155	*	>95
2	520	Jones County Schools	11	11	100
3	530	Lee County Schools	201	186	93
2	540	Lenoir County Public Schools	91	70	77
6	550	Lincoln County Schools	553	*	>95
8	560	Macon County Schools	117	96	82
8	570	Madison County Schools	72	67	93
1	580	Martin County Schools	12	12	100
7	590	McDowell County Schools	158	150	95
6	600	Charlotte-Mecklenburg Schools	6,473	*	>95
7	610	Mitchell County Schools	24	24	100
4	620	Montgomery County Schools	82	67	82
4	630	Moore County Schools	620	574	93

3	640	Nash County Public Schools	201	176	88
2	650	New Hanover County Schools	1,220	*	>95
1	660	Northampton County Schools	14	13	93
2	670	Onslow County Schools	648	574	89
3	680	Orange County Schools	343	*	>95
3	681	Chapel Hill-Carrboro City Schools	1,199	*	>95
2	690	Pamlico County Schools	33	20	61
1	700	Elizabeth City-Pasquotank Public Schools	39	37	95
2	710	Pender County Schools	525	499	95
1	720	Perquimans County Schools	50	50	100
3	730	Person County Schools	95	77	81
1	740	Pitt County Schools	1,058	*	>95
8	750	Polk County Schools	99	92	93
5	760	Randolph County School System	357	339	95
5	761	Asheboro City Schools	72	37	51
4	770	Richmond County Schools	151	130	86
4	780	Public Schools of Robeson County	195	172	88
5	790	Rockingham County Schools	313	275	88
6	800	Rowan-Salisbury Schools	215	204	95
8	810	Rutherford County Schools	145	136	94
4	820	Sampson County Schools	186	*	>95
4	821	Clinton City Schools	68	*	>95
4	830	Scotland County Schools	74	38	51
6	840	Stanly County Schools	234	137	59
5	850	Stokes County Schools	128	83	65
5	860	Surry County Schools	282	268	95

5	861	Elkin City Schools	54	54	100
5	862	Mount Airy City Schools	80	76	95
8	870	Swain County Schools	46	*	>95
8	880	Transylvania County Schools	126	99	79
1	890	Tyrrell County Schools	<10	*	100
6	900	Union County Public Schools	3,980	*	>95
3	910	Vance County Schools	35	31	89
3	920	Wake County Schools	10,894	*	>95
3	930	Warren County Schools	<10	*	*
1	940	Washington County Schools	<10	*	88
7	950	Watauga County Schools	335	*	>95
2	960	Wayne County Public Schools	423	*	>95
7	970	Wilkes County Schools	287	*	>95
3	980	Wilson County Schools	227	216	95
5	990	Yadkin County Schools	98	75	77
7	995	Yancey County Schools	80	69	86

Educational region Key:

1: Northeast 2: Southeast 3: North Central 4: Sandhills
5: Piedmont-Triad 6: Southwest 7: Northwest 8: Western

**data cannot be reported due to the small cell suppression rules*

Table 8: Detailed summary by LEA of eligible students who score at the highest level on an approved math assessment in the previous school year, either placed or not placed in an advanced mathematics course. Note: These numbers do not represent comprehensive advanced mathematics course enrollment.

LEA Code	LEA Name	Advanced Course Placement	Students Scored Level 5	Female	Male	American Indian or Alaska Native	Asian	Black or African American	Hispanic or Latino	Two or More Races	Native Hawaiian/Other Pacific Islander	White	English Language Status	Homesless Status	Migrant Status	AIG Status	EC Status
0	North Carolina Public Schools	All Students Scoring Level 5	59,545	068	32,477	227	9,510	3,718	6,049	2,780	69	37,192	483	11	<10	39,181	842
0	North Carolina Public Schools	Not Placed	4,065	1,730	2,335	37	<5%	375	524	236	<5%	2,530	44	<5%	*	<5%	87
0	North Carolina Public Schools	Placed	55,480	25,338	30,142	190	>95%	3,343	5,525	2,544	>95%	34,662	439	>95%	*	>95%	755

[illegible]

30	Alleghany County Schools	All Students Scoring Level 5	41	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30	Alleghany County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30	Alleghany County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
40	Anson County Schools	All Students Scoring Level 5	38	25	13	0	<10	<10	<10	<10	0	22	0	*	*	35	0
40	Anson County Schools	Not Placed	12	<10	<10	0	*	*	*	*	0	<10	0	*	*	10	0
40	Anson County Schools	Placed	26	16	10	0	*	*	*	*	0	*	0	*	*	25	0
50	Ashe County Schools	All Students Scoring Level 5	184	82	102	0	0	<10	21	<10	0	158	<10	*	*	95	<10

50	Ashe County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
50	Ashe County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
60	Avery County Schools	All Students Scoring Level 5	35	*	*	*	*	*	*	*	*	*	*	*	*	*	*
60	Avery County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
60	Avery County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
70	Beaufort County Schools	All Students Scoring Level 5	193	97	96	<10	<10	14	31	<10	0	137	<10	*	*	126	<10
70	Beaufort County Schools	Not Placed	17	<10	<10	*	*	<10	<10	*	0	<5%	*	*	*	<5%	*

70	Beaufort County Schools	Placed	176	91	85	*	*	*	*	*	0	>95%	*	*	*	>95%	*
80	Bertie County Schools	All Students Scoring Level 5	13	*	*	*	*	*	*	*	*	*	*	*	*	*	*
80	Bertie County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
80	Bertie County Schools	Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
90	Bladen County Schools	All Students Scoring Level 5	53	20	33	0	<10	<10	19	<10	0	22	0	*	*	42	0
90	Bladen County Schools	Not Placed	17	<10	<10	0	*	*	<10	*	0	<10	0	*	*	12	0
90	Bladen County Schools	Placed	36	12	24	0	*	*	*	*	0	*	0	*	*	30	0

100	Brunswick County Schools	All Students Scoring Level 5	442	195	247	<10	13	23	51	25	0	329	<10	*	*	308	<10
100	Brunswick County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
100	Brunswick County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
110	Buncombe County Schools	All Students Scoring Level 5	971	437	534	<10	26	<10	93	25	<10	815	<10	*	*	673	<10
110	Buncombe County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
110	Buncombe County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
111	Asheville City Schools	All Students Scoring Level 5	128	59	69	0	<10	<10	<10	11	0	108	0	*	*	98	0

[illegible]

[illegible]

150	Camden County Schools	All Students Scoring Level 5	98	40	58	0	<10	<10	<10	10	0	79	0	*	*	47	<10
150	Camden County Schools	Not Placed	13	<10	<10	0	*	*	*	<10	0	11	0	*	*	<10	*
150	Camden County Schools	Placed	85	37	48	0	*	*	*	<10	0	68	0	*	*	*	*
160	Carteret County Public Schools	All Students Scoring Level 5	528	233	295	0	10	<10	34	21	<10	456	<10	*	*	352	11
160	Carteret County Public Schools	Not Placed	36	15	21	<10	*	*	<10	<10	*	27	*	*	*	<5%	<10
160	Carteret County Public Schools	Placed	492	218	274	*	<10	*	*	*	*	429	*	*	*	>95%	*

170	Caswell County Schools	All Students Scoring Level 5	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
170	Caswell County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
170	Caswell County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
180	Catawba County Schools	All Students Scoring Level 5	761	298	463	0	49	11	89	40	0	572	<10	*	*	368	11
180	Catawba County Schools	Not Placed	73	29	44	0	0	0	<10	<10	0	55	*	*	*	21	<10
180	Catawba County Schools	Placed	688	269	419	0	45	11	*	*	0	517	*	*	*	347	<10
181	Hickory City Schools	All Students Scoring Level 5	122	58	64	0	<10	<10	24	<10	0	82	<10	*	*	85	<10

181	Hickory City Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
181	Hickory City Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
182	Newton Conover City Schools	All Students Scoring Level 5	112	45	67	0	<10	<10	26	<10	0	71	<10	*	*	70	0
182	Newton Conover City Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
182	Newton Conover City Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
190	Chatham County Schools	All Students Scoring Level 5	383	163	220	0	12	13	56	17	0	285	<10	*	*	327	<10

[illegible]

210	Edenton-Chowan Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
220	Clay County Schools	All Students Scoring Level 5	30	<10	*	<10	0	0	<10	<10	0	26	0	*	*	17	0
220	Clay County Schools	Not Placed	19	*	*	*	<10	0	*	*	0	*	0	*	*	*	0
220	Clay County Schools	Placed	11	*	*	*	*	0	*	*	0	<10	0	*	*	<10	0
230	Cleveland County Schools	All Students Scoring Level 5	475	206	269	0	13	34	39	24	0	365	<10	*	*	337	<10
230	Cleveland County Schools	Not Placed	47	17	30	0	0	<10	<10	<10	0	30	*	*	*	21	*
230	Cleveland County Schools	Placed	428	189	239	0	10	*	*	*	0	335	*	*	*	316	*

240	Columbus County Schools	All Students Scoring Level 5	69	35	34	<10	0	<10	10	0	0	48	<10	*	*	47	0
240	Columbus County Schools	Not Placed	34	17	17	*	<10	*	<10	0	0	19	*	*	*	24	0
240	Columbus County Schools	Placed	35	18	17	*	*	*	<10	0	0	29	*	*	*	23	0
241	Whiteville City Schools	All Students Scoring Level 5	69	26	43	0	<10	<10	<10	<10	0	48	0	*	*	45	<10
241	Whiteville City Schools	Not Placed	47	16	31	0	*	*	*	*	0	32	0	*	*	33	*
241	Whiteville City Schools	Placed	22	10	12	0	*	*	*	*	0	16	0	*	*	12	*
250	Craven County Schools	All Students Scoring Level 5	334	141	193	<10	19	19	34	27	0	234	<10	*	*	214	<10

[illegible]

291	Lexington City Schools	All Students Scoring Level 5	31	16	15	0	<10	<10	18	<10	0	<10	0	*	*	27	<10
291	Lexington City Schools	Not Placed	14	<10	<10	0	*	*	<10	*	0	*	0	*	*	11	*
291	Lexington City Schools	Placed	17	<10	*	0	*	*	*	*	0	*	0	*	*	16	*
292	Thomasville City Schools	All Students Scoring Level 5	19	*	*	*	*	*	*	*	*	*	*	*	*	*	*
292	Thomasville City Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
292	Thomasville City Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
300	Davie County Schools	All Students Scoring Level 5	374	168	206	0	12	<10	30	12	0	312	<10	*	*	283	<10

300	Davie County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
300	Davie County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
310	Duplin County Schools	All Students Scoring Level 5	126	*	*	*	*	*	*	*	*	*	*	*	*	*	*
310	Duplin County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
310	Duplin County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
320	Durham Public Schools	All Students Scoring Level 5	969	446	523	<10	44	127	140	78	0	578	<10	*	*	801	21
320	Durham Public Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0

320	Durham Public Schools	Placed	969	446	523	*	44	127	140	78	0	578	*	*	*	801	21
330	Edgecombe County Public Schools	All Students Scoring Level 5	49	25	24	0	0	14	12	<10	0	21	<10	*	*	29	0
330	Edgecombe County Public Schools	Not Placed	12	<10	<10	0	0	<10	<10	*	0	<10	*	*	*	<10	0
330	Edgecombe County Public Schools	Placed	37	22	15	0	0	<10	<10	*	0	*	*	*	*	*	0
340	Winston Salem / Forsyth County Schools	All Students Scoring Level 5	1,821	846	975	<10	173	115	212	90	<10	1,229	<10	*	*	1,319	20

340	Winston Salem / Forsyth County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
340	Winston Salem / Forsyth County Schools	Placed	1,821	846	975	*	173	115	212	90	*	1,229	*	*	*	1,319	20
350	Franklin County Schools	All Students Scoring Level 5	129	54	75	0	<10	13	22	<10	0	87	<10	*	*	102	<10
350	Franklin County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
350	Franklin County Schools	Placed	129	54	75	0	*	13	22	*	0	87	*	*	*	102	*
360	Gaston County Schools	All Students Scoring Level 5	1,116	542	574	<10	55	95	141	56	<10	767	<10	*	*	685	13

[illegible]

380	Graham County Schools	Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
390	Granville County Schools	All Students Scoring Level 5	78	*	*	*	*	*	*	*	*	*	*	*	*	*	*
390	Granville County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
390	Granville County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
400	Greene County Schools	All Students Scoring Level 5	30	12	18	0	0	<10	11	<10	0	15	0	*	*	23	0
400	Greene County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
400	Greene County Schools	Placed	30	12	18	0	0	*	11	*	0	15	0	*	*	23	0

410	Guilford County Schools	All Students Scoring Level 5	2,107	990	1,117	<10	410	265	172	113	<10	1,143	15	*	*	1,736	42
410	Guilford County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
410	Guilford County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
420	Halifax County Schools	All Students Scoring Level 5	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
420	Halifax County Schools	Not Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
420	Halifax County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
421	Roanoke Rapids City Schools	All Students Scoring Level 5	53	29	24	<10	<10	<10	<10	<10	0	36	0	*	*	36	<10

421	Roanoke Rapids City Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
421	Roanoke Rapids City Schools	Placed	53	29	24	<10	<10	<10	<10	<10	0	36	0	*	*	36	<10
422	Weldon City Schools	All Students Scoring Level 5	10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
422	Weldon City Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
422	Weldon City Schools	Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
430	Harnett County Schools	All Students Scoring Level 5	327	136	191	<10	<10	32	68	24	<10	191	0	*	*	245	<10

430	Harnett County Schools	Not Placed	50	24	26	*	*	<10	11	<10	*	26	0	*	*	35	*
430	Harnett County Schools	Placed	277	112	165	*	*	*	57	*	*	165	0	*	*	210	*
440	Haywood County Schools	All Students Scoring Level 5	310	127	183	<10	<10	<10	18	<10	0	278	<10	*	*	164	11
440	Haywood County Schools	Not Placed	16	<10	<10	*	*	*	<10	*	0	<5%	*	*	*	<5%	<10
440	Haywood County Schools	Placed	294	*	*	*	*	*	*	*	0	>95%	*	*	*	>95%	*
450	Henderson County Schools	All Students Scoring Level 5	613	277	336	<10	21	<10	83	21	0	482	<10	*	*	322	<10
450	Henderson County Schools	Not Placed	240	102	138	*	0	*	34	10	0	187	*	*	*	155	*

450	Henderson County Schools	Placed	373	175	198	*	13	*	49	11	0	295	*	*	*	167	*
460	Hertford County Schools	All Students Scoring Level 5	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
460	Hertford County Schools	Not Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
460	Hertford County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
470	Hoke County Schools	All Students Scoring Level 5	136	59	77	<10	<10	37	36	13	0	41	0	*	*	92	<10
470	Hoke County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
470	Hoke County Schools	Placed	136	59	77	*	*	37	36	13	0	41	0	*	*	92	*

480	Hyde County Schools	All Students Scoring Level 5	20	*	*	*	*	*	*	*	*	*	*	*	*	*	*
480	Hyde County Schools	Not Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
480	Hyde County Schools	Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
490	Iredell-Statesville Schools	All Students Scoring Level 5	941	414	527	0	81	26	68	50	<10	715	<10	*	*	617	10
490	Iredell-Statesville Schools	Not Placed	125	48	77	0	0	<10	18	<10	*	94	*	*	*	83	<10
490	Iredell-Statesville Schools	Placed	816	366	450	0	77	*	50	*	*	621	*	*	*	534	<10
491	Mooreville Graded School District	All Students Scoring Level 5	279	135	144	0	<10	14	18	18	0	222	<10	*	*	214	<10

491	Mooreville Graded School District	Not Placed	19	<10	<10	0	*	<10	0	<10	0	17	*	*	*	<5%	*
491	Mooreville Graded School District	Placed	260	*	*	0	*	*	18	*	0	205	*	*	*	>95%	*
500	Jackson County Public Schools	All Students Scoring Level 5	86	37	49	0	<10	0	<10	<10	0	67	0	*	*	70	<10
500	Jackson County Public Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
500	Jackson County Public Schools	Placed	86	37	49	0	<10	0	<10	<10	0	67	0	*	*	70	*
510	Johnston County Public Schools	All Students Scoring Level 5	1,155	502	653	<10	29	87	213	48	0	775	13	*	*	895	21

510	Johnston County Public Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
510	Johnston County Public Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
520	Jones County Schools	All Students Scoring Level 5	11	<10	<10	0	0	<10	<10	0	0	<10	0	*	*	<10	<10
520	Jones County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
520	Jones County Schools	Placed	11	<10	<10	0	0	<10	<10	0	0	<10	0	*	*	<10	<10
530	Lee County Schools	All Students Scoring Level 5	201	88	113	<10	<10	12	76	<10	0	98	<10	*	*	159	<10

530	Lee County Schools	Not Placed	15	*	<10	*	*	<10	<5%	*	0	10	*	*	*	10	*
530	Lee County Schools	Placed	186	*	*	*	*	*	>95%	*	0	88	*	*	*	149	*
540	Lenoir County Public Schools	All Students Scoring Level 5	91	47	44	0	<10	<10	14	0	0	68	0	*	*	84	<10
540	Lenoir County Public Schools	Not Placed	21	10	11	0	*	*	<10	0	0	14	0	*	*	17	*
540	Lenoir County Public Schools	Placed	70	37	33	0	*	*	*	0	0	54	0	*	*	67	*
550	Lincoln County Schools	All Students Scoring Level 5	553	263	290	0	14	<10	43	14	0	474	<10	*	*	392	<10

[illegible]

[illegible]

600	Charlotte-Mecklenburg Schools	All Students Scoring Level 5	6,473	2,976	3,497	<10	1,505	627	754	216	<10	3,356	121	*	*	3,938	62
600	Charlotte-Mecklenburg Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
600	Charlotte-Mecklenburg Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
610	Mitchell County Schools	All Students Scoring Level 5	24	10	14	0	<10	0	0	0	0	23	0	*	*	16	<10
610	Mitchell County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
610	Mitchell County Schools	Placed	24	10	14	0	*	0	0	0	0	23	0	*	*	16	*

620	Montgomery County Schools	All Students Scoring Level 5	82	26	56	0	<10	<10	34	<10	0	37	<10	*	*	42	0
620	Montgomery County Schools	Not Placed	15	<10	<10	0	*	*	<10	*	0	<10	*	*	*	<10	0
620	Montgomery County Schools	Placed	67	*	*	0	*	*	*	*	0	*	*	*	*	*	0
630	Moore County Schools	All Students Scoring Level 5	620	268	352	<10	12	18	52	30	<10	505	<10	*	*	337	<10
630	Moore County Schools	Not Placed	46	19	27	*	<5%	<10	<10	<10	*	33	*	*	*	17	*
630	Moore County Schools	Placed	574	249	325	*	>95%	*	*	*	*	472	*	*	*	320	*

[illegible]

660	Northampton County Schools	All Students Scoring Level 5	14	*	*	*	*	*	*	*	*	*	*	*	*	*	*
660	Northampton County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
660	Northampton County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
670	Onslow County Schools	All Students Scoring Level 5	648	291	357	<10	16	41	87	45	<10	457	<10	*	*	458	13
670	Onslow County Schools	Not Placed	74	27	47	*	0	<10	11	<10	*	52	*	*	*	41	0
670	Onslow County Schools	Placed	574	264	310	*	15	*	76	*	*	405	*	*	*	417	13

710	Pender County Schools	All Students Scoring Level 5	525	231	294	0	<10	10	43	28	0	439	0	*	*	323	<10
710	Pender County Schools	Not Placed	26	<10	<10	0	*	<10	<5%	<5%	0	22	0	*	*	<5%	*
710	Pender County Schools	Placed	499	*	*	0	*	<10	>95%	>95%	0	417	0	*	*	>95%	*
720	Perquimans County Schools	All Students Scoring Level 5	50	30	20	0	0	0	0	<10	0	47	0	*	*	48	0
720	Perquimans County Schools	Not Placed	0	0	0	0	0	0	0	0	0	0	0	*	*	0	0
720	Perquimans County Schools	Placed	50	30	20	0	0	0	0	*	0	47	0	*	*	48	0

750	Polk County Schools	Not Placed	<10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
750	Polk County Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
760	Randolph County School System	All Students Scoring Level 5	357	160	197	<10	19	<10	47	13	<10	267	<10	*	*	283	<10
760	Randolph County School System	Not Placed	18	<10	<10	*	<10	*	<5%	<10	*	<5%	*	*	*	<5%	*
760	Randolph County School System	Placed	339	*	*	*	*	*	>95%	*	*	>95%	*	*	*	>95%	*
761	Asheboro City Schools	All Students Scoring Level 5	72	24	48	<10	<10	<10	26	<10	0	35	<10	*	*	52	<10

761	Asheboro City Schools	Not Placed	35	14	21	*	*	*	11	*	0	18	*	*	*	28	*
761	Asheboro City Schools	Placed	37	10	27	*	*	*	15	*	0	17	*	*	*	24	*
770	Richmond County Schools	All Students Scoring Level 5	151	66	85	<10	<10	21	23	<10	0	90	<10	*	*	89	<10
770	Richmond County Schools	Not Placed	21	11	10	*	*	<10	<10	*	0	13	*	*	*	<5%	*
770	Richmond County Schools	Placed	130	55	75	*	*	*	*	*	0	77	*	*	*	>95%	*
780	Public Schools of Robeson County	All Students Scoring Level 5	195	109	86	87	<10	12	35	16	0	39	<10	*	*	125	<10

780	Public Schools of Robeson County	Not Placed	23	10	13	<10	*	<10	<10	<10	0	<10	*	*	*	11	*
780	Public Schools of Robeson County	Placed	172	99	73	*	*	<10	*	*	0	*	*	*	*	114	*
790	Rockingham County Schools	All Students Scoring Level 5	313	143	170	0	<10	16	31	17	0	244	0	*	*	277	<10
790	Rockingham County Schools	Not Placed	38	17	21	0	*	<10	<10	<10	0	27	0	*	*	22	*
790	Rockingham County Schools	Placed	275	126	149	0	*	*	*	*	0	217	0	*	*	255	*
800	Rowan-Salisbury Schools	All Students Scoring Level 5	215	88	127	<10	<10	<10	32	10	0	161	<10	*	*	164	<10

[illegible]

820	Sampson County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
821	Clinton City Schools	All Students Scoring Level 5	68	31	37	0	<10	<10	24	<10	0	34	0	*	*	51	0
821	Clinton City Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
821	Clinton City Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
830	Scotland County Schools	All Students Scoring Level 5	74	26	48	<10	12	<10	<10	<10	0	34	<10	*	*	60	0
830	Scotland County Schools	Not Placed	36	13	23	*	<10	*	*	*	0	19	*	*	*	29	0
830	Scotland County Schools	Placed	38	13	25	*	<10	*	*	*	0	15	*	*	*	31	0

840	Stanly County Schools	All Students Scoring Level 5	234	111	123	<10	10	<10	20	10	0	184	<10	*	*	183	<10
840	Stanly County Schools	Not Placed	97	40	57	*	<10	*	10	<10	0	72	*	*	*	76	*
840	Stanly County Schools	Placed	137	71	66	*	<10	*	10	<10	0	112	*	*	*	107	*
850	Stokes County Schools	All Students Scoring Level 5	128	48	80	<10	0	0	<10	<10	0	116	0	*	*	87	<10
850	Stokes County Schools	Not Placed	45	17	28	*	0	0	*	*	0	42	0	*	*	31	*
850	Stokes County Schools	Placed	83	31	52	*	0	0	*	*	0	74	0	*	*	56	*
860	Surry County Schools	All Students Scoring Level 5	282	121	161	0	<10	<10	55	<10	0	213	0	*	*	145	<10

[illegible]

862	Mount Airy City Schools	Placed	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
870	Swain County Schools	All Students Scoring Level 5	46	22	24	<10	<10	0	<10	<10	0	38	0	*	*	33	<10
870	Swain County Schools	Not Placed	<5%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
870	Swain County Schools	Placed	>95%	*	*	*	*	*	*	*	*	*	*	*	*	*	*
880	Transylvania County Schools	All Students Scoring Level 5	126	53	73	<10	<10	<10	<10	<10	<10	109	0	*	*	81	<10
880	Transylvania County Schools	Not Placed	27	10	17	*	*	*	*	*	*	22	0	*	*	15	*
880	Transylvania County Schools	Placed	99	43	56	*	*	*	*	*	*	87	0	*	*	66	*

[illegible]

[illegible]

970	Wilkes County Schools	Placed	>95%	*	*	0	*	*	*	*	*	*	*	*	*	*	*
980	Wilson County Schools	All Students Scoring Level 5	227	101	126	<10	<10	31	62	<10	<10	117	0	*	*	154	<10
980	Wilson County Schools	Not Placed	11	*	<10	*	*	<10	<5%	*	*	<5%	0	*	*	<5%	*
980	Wilson County Schools	Placed	216	*	*	*	*	*	>95%	*	*	>95%	0	*	*	>95%	*
990	Yadkin County Schools	All Students Scoring Level 5	98	48	50	<10	<10	<10	15	<10	0	78	<10	*	*	70	<10
990	Yadkin County Schools	Not Placed	23	11	12	*	*	*	<10	*	0	18	*	*	*	13	*
990	Yadkin County Schools	Placed	75	37	38	*	*	*	*	*	0	60	*	*	*	57	*

995	Yancey County Schools	All Students Scoring Level 5	80	37	43	<10	0	0	<10	<10	0	68	0	*	*	45	<10
995	Yancey County Schools	Not Placed	11	<10	<10	*	0	0	*	*	0	<10	0	*	*	<10	*
995	Yancey County Schools	Placed	69	*	*	*	0	0	*	*	0	*	0	*	*	*	*

Summary of Findings December 2024

G.S. 115C-81.36 became law on July 11, 2019, with an expectation for full implementation during the 2019-2020 school year. As noted above, the legislation outlined a reporting requirement to share the number and demographic information for all students scoring at the highest level on an EOG or EOC mathematics assessment, and the same information for those eligible students who were both placed and not placed in an advanced mathematics course in the subsequent school year.

In the data set for the 2024-25 school year, the following observations are noted:

- In the 2023-24 school year, there were **59,545** students in grades 6-12 scoring at the highest level on either an EOG or EOC mathematics assessment. **This represents an increase of 1,359 students over the previous academic year.** In alignment with the legislation, these students were then automatically eligible for placement in an advanced mathematics course in the current school year. Of those eligible students:
 - **93%** (55,480) are currently placed in an advanced mathematics course, and
 - **7%** (4,065) are not currently placed in an advanced mathematics course.
- NCDPI has noted increases in the number of students eligible every year since reporting began in 2021, and the number now represents 10-13% of all students testing on EOG and EOC mathematics assessments, depending on the grade level.
- In addition, there are **55,480** students currently placed in advanced mathematics courses based on the EOG or EOC mathematics assessments. This number represents the highest number of students auto-enrolled in advanced mathematics courses since the legislation was enacted and 900 more than the previous year.
- While there are more total students eligible for advanced mathematics courses, this data does show **an overall decrease in the percentage** of students placed in advanced mathematics courses – moving from 94% to 93% placed. This decrease can be seen throughout the disaggregated data as we examine the data of various student groups and the grade level and sex data as well.
 - In reviewing the grade level data, decreases were seen in multiple grade levels, with the largest decreases shown in grades 6 and 12. These grades have historically reported the lowest percentage of students placed in advanced mathematics courses.
 - In examining the data by the students' racial/ethnic group, there were decreases in the percentage of eligible students placed in advanced mathematics courses among *all* student groups.
- The American Indian or Alaska Native population of students continues to be the most frequently missed, or not placed, in advanced mathematics courses.
 - In grades 6-12, 16% of American Indian or Alaska Native students are not placed in an advanced course, as compared to counterparts ranging from 4-10% not

placed. The data indicates that all student groups showed some decrease in percentage of the eligible students placed, but for other student groups, the decrease was 1-2%.

- For American Indian or Alaska Native students in 8th grade, the current placed rate is 93%, with 7% of students not placed in advanced mathematics courses. Again, while the data indicates some decreases in percentage of eligible students placed for *all* student groups, among other groups, the percentage of eligible students not placed in advanced math courses is generally between 2-4%.
- During the previous academic year, the Native Hawaiian or Other Pacific Islander population was noted as having 100% of eligible students placed in grade 8, and this year the percentage of placed students was 93%. However, the Native Hawaiian or Other Pacific Islander group in grades 6-12 has remained consistent with greater than 95% placed in advanced mathematics courses.
- A major focus of the legislation was the guaranteed opportunity for current 8th grade students who scored at the highest level in the previous school year (on the 7th grade end of grade mathematics assessment) to be enrolled in a high school mathematics course during 8th grade. The initial data indicates that the overall number and percentage of students placed in advanced mathematics is now 97%, a slight decrease (1%) from the 2023-2024 reporting year.
- When examining the data by sex, the data indicates that the percent of males and females overall placed in advanced mathematics courses were similar in grade 8 – with 98% of females placed and 97% of males placed and across grades 6-12, the male and female students are placed at 93 and 94% respectively.
- In each of the prior years of reporting, NCDPI has noted inconsistencies in the placement of students in advanced math course offerings throughout high school. While this year's placement rate for 9th – 11th grade students ranges between 94 and 96%, the percent of eligible 12th grade students placed in advanced courses is currently 82%, which represents a 2% decrease from the previous report year.
- In grades 9-12, districts are offering various advanced mathematics courses to meet student needs, interests, and post-secondary plans:
 - Courses are offered in a traditional face to face setting, as well as provided in an online learning environment by the LEA or external partner.
 - Schools are offering a variety of mathematics courses, including Honors, University, Community College, Advanced Placement, International Baccalaureate, and Cambridge.

For the first time, NCDPI has begun to analyze and evaluate the overall placement data for each LEA to determine what, if any, actionable findings might be gleaned from the data. This new data review is included in *Table 7: Overview of LEA percentage of all eligible students currently placed in an advanced mathematics course*. Initial review of this data shows that:

- 21 districts are currently placing below 70% of eligible students
- 71 districts are placing greater than 90% eligible students
- 15 districts are placing 100% of those students who are eligible.

To better understand this baseline data, the NCDPI team will gather additional information from all districts via survey, regarding the challenges a district may face in implementing the legislation, as well as the factors contributing to a districts' successful implementation of the legislation. This data will be analyzed by an internal cross agency team at NCDPI and will be shared with district leaders and the Regional Directors from each of the state's education regions.

This collaboration will support efforts to consider trends across the region, facilitate the sharing of best practices, and determine what additional support may be necessary to continue to increase the number and percentage of eligible students placed in advanced mathematics courses. In addition, NCDPI will continue to provide professional learning opportunities to examine mindsets, policies and practices focused around advanced mathematics opportunities and acceleration as a strategy to meet student needs.

Finally, NCDPI will look into the higher likelihood of non-placement in advanced math courses for students of American Indian/ Alaska Native descent. As mentioned above, during each year of reporting, the American Indian/ Alaska Native students are the most frequently not placed student group. Therefore, NCDPI will provide additional guidance for districts to ensure districts:

- develop a process of internal accountability to ensure that the families of all students who score at the highest level are properly notified of advanced math course eligibility and are scheduled accordingly
- communicate with parents/guardians to ensure understanding their rights related to the advanced math course eligibility and
- address concerns parents/guardians may have when students are experiencing an advanced course for the first time.

Feedback from LEAs throughout this year's reporting process and efforts to implement the legislation:

1. As has been shared before, many LEAs have expressed concern about the number of

12th grade students who may have scored at the highest level on the NC Math 3 end of course mathematics assessment and who are currently not enrolled in an advanced course. During this report window, only 82% of eligible 12th grade students are enrolled in an advanced mathematics course. LEA personnel believe this happens because either the students have met the graduation requirements in mathematics and have chosen not to enroll in mathematics courses, or the students anticipate enrolling in one of many local dual enrollment offerings – and those may not be scheduled at the time of the AMC reporting (early fall semester). So, LEAs would like the opportunity to somehow share documentation about each students' situation. To that end, our NCDPI team is working with the NC-SIS programmers to enhance the AMC report functionality to allow for this additional explanation.

2. This year as the state has moved to a new NC-SIS, development of the AMC report took longer than anticipated, and led to a delay in those districts having the opportunity to access the AMC report information. As the NCDPI team has examined the overall LEA placement data however, it appears that while having the report early in the school year may have been more convenient, receiving the report later in the year, did not impact the overall ability of a district to place students appropriately. The achievement data for students was available and LEAs in both NC-SIS platforms had lower placement of eligible students.
3. LEAs continue to express a desire to be able to report those cases in which a student is not placed in an advanced course due to a parent's written request, to help better understand the context for local data. NCDPI will continue to work with our state reporting system to update the AMC report to find a mechanism for sharing the number of and demographic information for those students who are eligible for placement in an advanced math course, but who have a parent/guardian's written request to not enter the advanced course.

Please contact Sneha Shah-Coltane, Senior Director of Academic Policy and Advanced Learning, at sneha.shahcoltrane@dpi.nc.gov, with issues or questions.