



DEPARTMENT OF DEFENSE EDUCATION ACTIVITY

DoD Schools Ranked Best in the United States Again on Nation's Report Card

Fourth and eighth-grade students attending Department of Defense Education Activity (DoDEA) schools led the nation in scoring on the 2024 National Assessment of Educational Progress (NAEP) Reading and Mathematics Assessments.

DoDEA students' average scale scores ranged from 14 to 25 points higher than corresponding national average scores and held steady while national average scores mostly decreased.

"I am delighted that DoDEA has once again performed exceptionally well on the National Assessment of Educational Progress," said DoDEA Director, Dr. Beth Schiavino-Narvaez. "Credit for this success belongs to our incredible teachers, administrators, and staff of DoDEA, and most importantly to our students and their families, for all their hard work and dedication. Our relentless pursuit of continuous improvement has empowered our mission to deliver excellence in education to every student, every day, everywhere."

The National Assessment of Educational Progress (NAEP) is the only nationally representative and continuing assessment of what America's students know and can do in various subject areas. Assessments are conducted periodically in mathematics, reading, science, writing, the arts, civics, economics, geography, and U.S. history. NAEP does not provide scores for individual students or schools; instead, it offers results regarding subject-matter achievement, instructional experiences, and school environment for populations of students (e.g., fourth graders) and groups within those populations (e.g., Hispanic students). NAEP results are based on a sample of student populations of interest.

DoDEA NAEP 2024

The NAEP Reading and Mathematics Assessments were administered using digital-based assessments (DBA) to fourth and eighth grade students in the nation's public schools. For more information about NAEP digital-based assessments, please visit <https://nces.ed.gov/nationsreportcard/dba/>

The NAEP Reading and Mathematics scale scores range from 0 to 500. Achievement levels are performance standards that indicate what students should know and be able to do. NAEP results are reported in terms of three achievement levels – Basic, Proficient, and Advanced – and are expressed in terms of the percentage of students

who attained each level. DoDEA participated in the NAEP reading assessment for the first time in 1998 and in mathematics in 2000.

DoDEA 2024 NAEP READING RESULTS

4th Grade

- The average scale score for students in DoDEA in 2024 (234) was higher than that in 1998 (220) and was not significantly different from that in 2022 (235).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Proficient was 48 percent. This was greater than that for the nation's public schools (30 percent).
- The percentage of students in DoDEA who performed at or above NAEP Proficient in 2024 (48 percent) was greater than that in 1998 (32 percent) and was not significantly different from that in 2022 (50 percent).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Basic was 79 percent. This was greater than that for the nation's public schools (59 percent).
- The percentage of students in DoDEA who performed at or above NAEP Basic in 2024 (79 percent) was greater than that in 1998 (66 percent) and not significantly different than that in 2022 (80 percent).

8th Grade

- The average scale score for students in DoDEA in 2024 (282) was higher than that in 1998 (269) and not significantly different from that in 2022 (282).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Proficient was 53 percent. This was greater than that for the nation's public schools (29 percent).
- The percentage of students in DoDEA who performed at or above NAEP Proficient in 2024 (53 percent) was greater than that in 1998 (37 percent) and was not significantly different from that in 2012 (55 percent).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Basic was 90 percent. This was greater than that for the nation's public schools (66 percent).
- The percentage of students in DoDEA who performed at or above NAEP Basic in 2024 (90 percent) was greater than that in 1998 (79 percent) and was not significantly different from that in 2022 (90 percent).

Table 1 shows a comparison of reading performance scores of DoDEA students and those in national public schools. In 4th grade reading, DoDEA has a consistent trend of increasing the extent to which our students are performing higher than students in the national public system each year, with growth from 13 points higher than the national public average in 2017 to 20 points in 2024. The reflects an increasing and positive gap for DoDEA. The same trend is clear for 8th grade with growth from a 15-point gap in 2017 to outperforming the nation’s public schools by 25 points in 2024.

Table 1. Historical Performance of DoDEA students on the NAEP Reading Assessment

ASSESSMENT	AVERAGE SCALE SCORE	ACHIEVEMENT LEVELS
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Subject	Grade	Year	Score	Difference from National Public (NP)	<i>At or Above Basic</i>	<i>At or Above Proficient</i>	<i>At Advanced</i>
Reading	4	2024	234	+20	79	48	15
Reading	4	2022	235	+19	80	50	16
Reading	4	2019	235	+16	83	49	12
Reading	4	2017	234	+13	84	48	11
Reading	8	2024	282	+25	90	53	8
Reading	8	2022	282	+23	90	55	7
Reading	8	2019	280	+18	91	52	5
Reading	8	2017	280	+15	91	51	5

DoDEA 2024 NAEP MATHEMATICS RESULTS

4th grade Math

- The average scale score for students in DoDEA in 2024 (251) was higher than that in 1996 (224) and was not significantly different from that in 2022 (250).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Proficient was 54 percent. This was greater than that for the nation's public schools (39 percent).
- The percentage of students in DoDEA who performed at or above NAEP Proficient in 2024 (54 percent) was greater than that in 1996 (19 percent) and was not significantly different from that in 2022 (51 percent).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Basic was 91 percent. This was greater than that for the nation's public schools (76 percent).
- The percentage of students in DoDEA who performed at or above NAEP Basic in 2024 (91 percent) was greater than that in 1996 (64 percent) and was not significantly different from that in 2022 (92 percent).

8th grade math

- In 2024, the average mathematics scale score for eighth-grade students in DoDEA was 291. This was higher than that for the nation's public schools (272).

- The average scale score for students in DoDEA in 2024 (291) was higher than that in 1996 (274) and was not significantly different from that in 2022 (292).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Proficient was 41 percent. This was greater than that for the nation's public schools (27 percent).
- The percentage of students in DoDEA who performed at or above NAEP Proficient in 2024 (41 percent) was greater than that in 1996 (22 percent) and was not significantly different from that in 2022 (41 percent).
- In 2024, the percentage of students in DoDEA who performed at or above NAEP Basic was 81 percent. This was greater than that for the nation's public schools (59 percent).
- The percentage of students in DoDEA who performed at or above NAEP Basic in 2024 (81 percent) was greater than that in 1996 (64 percent) and was not significantly different from that in 2022 (82 percent).

Table 2 shows a comparison of mathematics performance scores of DoDEA students and those in national public schools. In Mathematics, DoDEA exceeds national public schools, and the gap has increased over time from 10 points in 2017 to 14 points in 2024. Additionally, the portion of students meeting the highest expectations (Advanced on NAEP) have increased from 8 percent of students to 11 percent of students. In 8th grade math the results are even more dramatic with the gap nearly doubling from DoDEA outperforming by 11 points to DoDEA outperforming by 19 points.

Table 2. Historical Performance of DoDEA students on the NAEP Mathematics Assessment

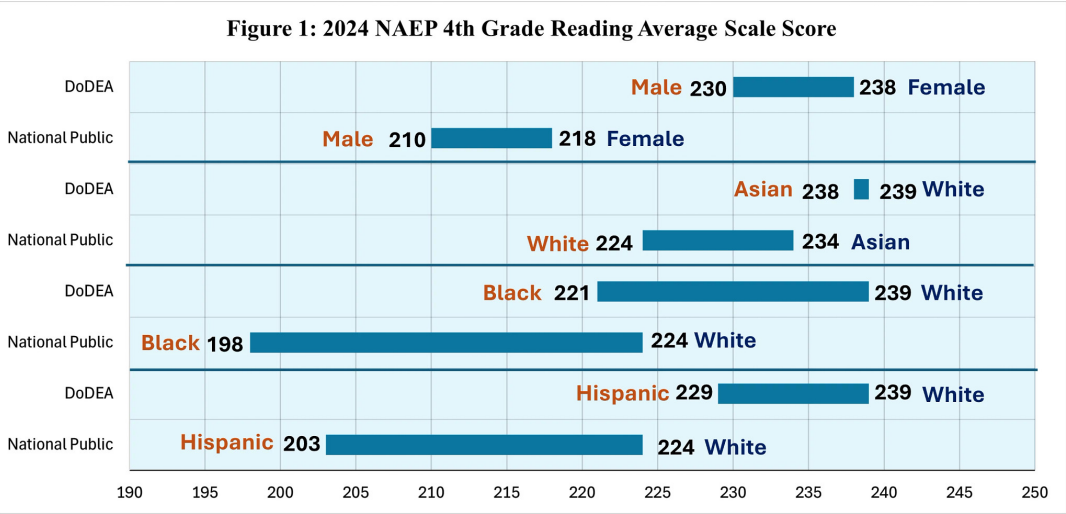
ASSESSMENT		AVERAGE SCALE SCORE		ACHIEVEMENT LEVELS		
Subject	Grade Year	Score	Difference from National Public (NP)	<i>At or Above Basic</i>	<i>At or Above Proficient</i>	<i>At Advanced</i>
Mathematics 4	2024	251	+14	91	54	11
Mathematics 4	2022	250	+15	92	51	10
Mathematics 4	2019	250	+10	92	54	9
Mathematics 4	2017	249	+10	91	51	9
Mathematics 8	2024	291	+19	81	41	11
Mathematics 8	2022	292	+19	82	41	11

Mathematics 8	2019	292	+11	83	41	11
Mathematics 8	2017	293	+11	83	42	11

DoDEA 2024 NAEP PERFORMANCE OF SELECTED STUDENT GROUPS

With respect to fourth grade reading, female students achieved a higher average scale score in reading than that of the male students. White students in DoDEA had an average score that was higher than the average scores of Blacks and Hispanic students, but not significantly different from the average score of Asian students. The percentage of White students (54) performing at or above Proficient was greater than corresponding Black (34) and Hispanic (42) students and was consistent with the percentage of Asian students (53).

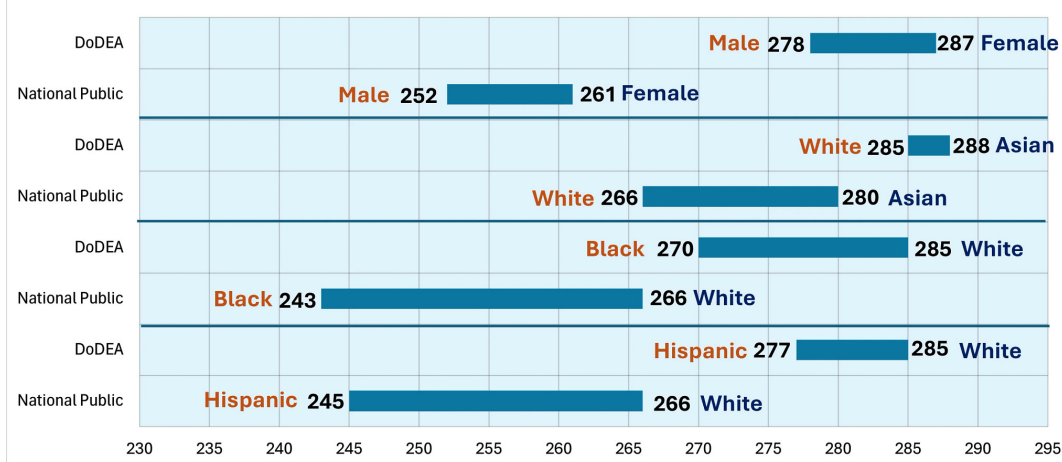
Figure 1: 2024 NAEP 4th Grade Reading Average Scale Scores



With respect to eighth grade reading, female students achieved a higher average scale score in reading than that of the male students. The difference between student performance at or above Proficient level between male and female is significant; 47 percent and 60 percent respectively. White students in DoDEA had an average score that was higher than the average scores of Black and Hispanic students, but not significantly different from the average score of Asian students. The percentage of White students performing at or above Proficient was greater than corresponding percentages of Black and Hispanic students, but not significantly different from the percentage of Asian students.

Figure 2: 2024 NAEP 8th Grade Reading Average Scale Score

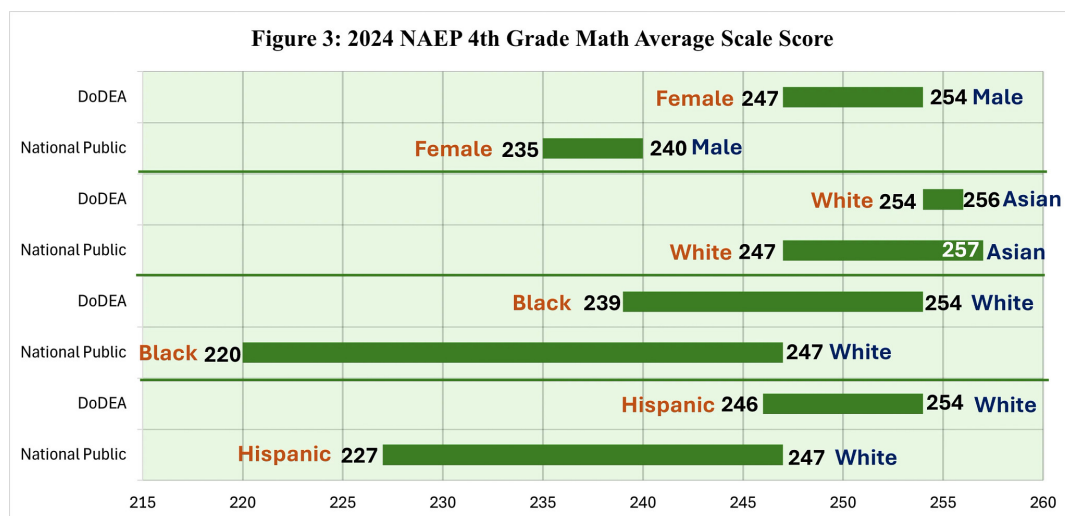
Figure 2: 2024 NAEP 8th Grade Reading Average Scale Score



DoDEA 2024 NAEP Mathematics Results by Student Groups

With respect to fourth grade mathematics, male students in DoDEA had a higher average scale score (254) than female students (247) on the NAEP 2024 assessment. The percent of male students (60) that performed at or above Proficient was higher than female students (48). White students in DoDEA had an average score that was higher than the average scores of Black, Hispanic students but was not significantly different than that of Asian students. The percentage of White students (60) performing at or above Proficient was significantly higher than corresponding Black (37) and Hispanic students (47), but not

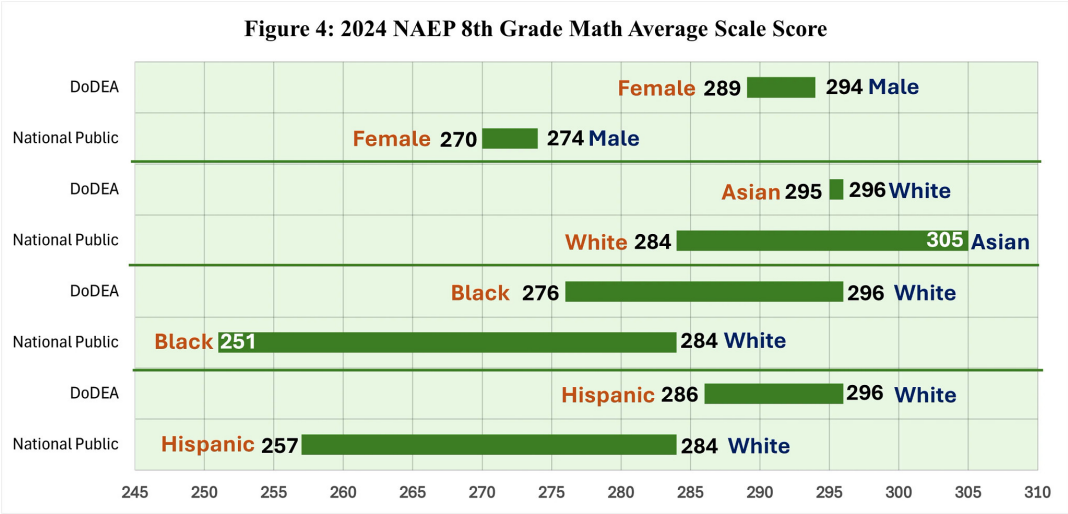
Figure 3: 2024 NAEP 4th Grade Math Average Scale Score



With respect eighth grade mathematics, male students in DoDEA had an average scale score in mathematics (294) that was significantly higher than that of female students (289). The percent of male students (45) that performed at or above Proficient was higher than female students (36). White students in DoDEA had an average score that was higher than the average scores of Blacks and Hispanic students but was lower than that of Asian students. The percentage of White students performing at or above Proficient was significantly higher than

corresponding Black and Hispanic students but was not significantly different than that of Asian students.

Figure 4: 2024 NAEP 8th Grade Math Average Scale Score



NAEP uses Item Response Theory (IRT) scaling and NAEP marginal estimations to estimate scale scores for each of the content areas at each grade. For both mathematics and reading, each scale score distribution is transformed to NAEP scale scores that range from 0 to 500. Subscale effect sizes are used to compare performance in the different content areas. For more information about NAEP analysis, IRT, and scaling, see <https://nces.ed.gov/nationsreportcard/tdw/analysis/>.

Additional Information

Detailed information on the 2024 NAEP Reading and Mathematics assessment and all other NAEP assessments can be found on the web at: <https://www.nationsreportcard.gov>.

DoDEA plans, directs, coordinates, and manages pre-kindergarten through 12th grade education programs for school-age children of Department of Defense personnel who would otherwise not have access to high-quality public education. DoDEA schools are located in Europe, the Pacific, Western Asia, the Middle East, Cuba, the United States, Guam, and Puerto Rico. DoDEA also provides support and resources to Local Educational Agencies throughout the United States that serve children of military families.

NAEP Comparison Data (2024 and 2022)

Reading, Grade 4

Jurisdiction

National public

DoDEA

	Year		Year	
Grade 4 Reading	2024	2022	2024	2022
Average scale score	Average scale score	Average scale score	Average scale score	Average scale score
All	214	216	234	235
White	239	239	224	226
Black	198	198	221	226
Hispanic	203	204	229	229
Asian/Pacific Islander	234	238	238	240
American Indian/Alaska Native	196	198	‡	‡
Two or more races	219	222	236	237
Male	210	213	230	232
Female	218	219	238	238
Identified as students with disabilities	182	183	208	203
Not identified as students with disabilities	220	222	239	241
EL	185	190	216	217

Not EL	219	220	236	237
Percentile Estimates				
10th percentile	157	160	189	189
25th percentile	187	190	213	214
50th percentile	218	220	237	238
75th percentile	244	245	258	259
90th percentile	265	265	275	276
Achievement Level at or Above Proficient				
All	30	32	48	50
White	39	41	54	55
Black	16	16	34	37
Hispanic	20	20	42	44
Asian/Pacific Islander	50	55	53	55
American Indian/Alaska Native	15	18	‡	‡
Two or more races	35	37	50	52

Male	27	30	44	47
Female	34	34	53	54
Identified as students with disabilities	10	11	22	19
Not identified as students with disabilities	34	36	54	56
EL	8	10	26	28
Not ELL	34	36	51	53

‡ Reporting standards not met.

DoDEA NOTE: DoDEA = Department of Defense Education Activity. Some apparent differences between estimates may not be statistically significant. NOTE: Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Race categories exclude Hispanic origin. Prior to 2011, students in the "two or more races" category were categorized as "unclassified." Some apparent differences between estimates may not be statistically significant. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2022 and 2024 Reading Assessments.

Reading, Grade 8

	Jurisdiction			
	National public		DoDEA	
	Year		Year	
Grade 8 Reading	2024	2022	2024	2022
Average scale score	Average scale score	Average scale score	Average scale score	Average scale score

All	257	259	282	282
White	266	267	285	286
Black	243	243	270	271
Hispanic	245	250	277	281
Asian/Pacific Islander	281	283	286	291
American Indian/Alaska Native	246	246	‡	‡
Two or more races	261	263	286	280
Male	252	255	278	276
Female	261	263	287	289
Identified as students with disabilities	224	228	259	255
Not identified as students with disabilities	262	264	286	286
EL	220	225	261	260
Not EL	261	263	283	284
Percentile Estimates				
10th percentile	202	208	243	244

25th percentile	231	235	263	264
50th percentile	260	262	284	284
75th percentile	285	286	303	302
90th percentile	306	306	319	318
Achievement Level at or Above Proficient				
All	29	29	53	55
White	36	37	57	59
Black	16	15	38	41
Hispanic	18	20	47	52
Asian/Pacific Islander	53	55	62	61
American Indian/Alaska Native	17	18	‡	‡
Two or more races	34	33	59	51
Male	25	26	47	46
Female	32	33	60	63
Identified as students with disabilities	8	9	24	19

Not identified as students with disabilities	32	33	58	59
ELL	5	5	25	22
Not ELL	31	32	55	57

‡ Reporting standards not met.

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Mathematics, Grade 4

	Jurisdiction			
	National public		DoDEA	
	Year		Year	
Grade 4 Mathematics	2024	2022	2024	2022
Average scale score	Average scale score	Average scale score	Average scale score	Average scale score
All	237	235	251	250
White	247	245	254	254
Black	220	216	239	237

Hispanic	227	224	246	246
Asian/Pacific Islander	257	257	256	253
American Indian/Alaska Native	220	220	‡	‡
Two or more races	242	238	254	250
Male	240	238	254	253
Female	235	232	247	246
Identified as students with disabilities	211	211	234	233
Not identified as students with disabilities	242	239	254	253
EL	216	215	242	239
Not EL	241	238	252	251
Percentile Estimates				
10th percentile	190	190	216	217
25th percentile	215	213	234	233
50th percentile	240	236	252	250
75th percentile	262	258	269	267

90th percentile	280	277	284	282
Achievement Level at or Above Proficient				
All	39	35	54	51
White	51	47	60	59
Black	19	15	37	31
Hispanic	27	21	47	44
Asian/Pacific Islander	64	62	60	55
American Indian/Alaska Native	20	19	‡	‡
Two or more races	44	38	59	53
Male	43	39	60	57
Female	36	31	48	46
Identified as students with disabilities	16	15	31	28
Not identified as students with disabilities	44	39	59	56
EL	16	14	41	33
Not EL	43	39	56	54

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Mathematics, Grade 8

	Jurisdiction			
	National public		DoDEA	
	Year		Year	
Grade 8 Mathematics	2024	2022	2024	2022
Average scale score				
All	272	273	291	292
White	284	284	296	298
Black	251	252	276	272
Hispanic	257	261	286	284
Asian/Pacific Islander	305	304	295	301
American Indian/Alaska Native	253	257	‡	‡

Two or more races	277	275	296	294
Male	274	274	294	294
Female	270	272	289	289
Identified as students with disabilities	238	242	264	267
Not identified as students with disabilities	278	278	296	295
EL	237	241	267	270
Not EL	276	276	293	293
Percentile Estimates				
10th percentile	218	223	249	250
25th percentile	243	246	269	270
50th percentile	272	273	291	292
75th percentile	302	300	314	313
90th percentile	327	324	335	334
Achievement Level at or Above Proficient				
All	27	26	41	41

White	37	34	46	48
Black	10	9	22	17
Hispanic	14	14	35	32
Asian/Pacific Islander	57	56	46	54
American Indian/Alaska Native	12	11	‡	‡
Two or more races	30	27	47	43
Male	29	27	45	44
Female	24	24	36	38
Identified as students with disabilities	7	7	13	17
Not identified as students with disabilities	30	29	45	44
EL	5	4	17	14
Not EL	29	28	43	43

‡ Reporting standards not met.

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