

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

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Student sample sizes and target populations in NAEP mathematics at grade 4, by state/jurisdiction: 2017

State/jurisdiction	Sample size	Target population
Nation	152,500	4,060,000
Public	147,100	3,739,000
Private	3,000	312,000
Alabama	2,200	53,000
Alaska	2,300	9,000
Arizona	2,300	83,000
Arkansas	2,300	38,000
California	6,100	437,000
Colorado	3,200	67,000
Connecticut	2,400	40,000
Delaware	2,300	11,000
Florida	5,800	206,000
Georgia	3,600	133,000
Hawaii	2,400	15,000
Idaho	2,500	24,000
Illinois	3,700	143,000
Indiana	2,400	77,000
Iowa	2,300	36,000
Kansas	2,400	36,000
Kentucky	3,200	51,000
Louisiana	2,300	53,000
Maine	2,200	13,000
Maryland	3,400	70,000
Massachusetts	3,600	71,000
Michigan	3,200	108,000
Minnesota	2,500	67,000
Mississippi	2,400	39,000
Missouri	2,300	68,000
Montana	2,400	11,000
Nebraska	2,400	23,000
Nevada	2,500	37,000
New Hampshire	2,300	13,000
New Jersey	2,200	97,000
New Mexico	2,900	26,000
New York	3,100	195,000
North Carolina	4,400	117,000
North Dakota	2,400	9,000
Ohio	3,200	124,000
Oklahoma	2,500	53,000
Oregon	2,300	43,000
Pennsylvania	3,400	131,000
Rhode Island	2,400	11,000
South Carolina	2,400	58,000
South Dakota	2,300	10,000
Tennessee	3,200	78,000
Texas	7,700	421,000
Utah	2,400	50,000
Vermont	2,300	6,000
Virginia	2,400	97,000
Washington	2,400	85,000
West Virginia	2,300	20,000
Wisconsin	3,300	62,000
Wyoming	2,400	8,000
Other jurisdictions		
BIE ¹	100	3,000
District of Columbia	2,200	6,000
DoDEA ²	2,300	6,000
Puerto Rico	3,000	27,000

¹ Bureau of Indian Education.

² Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The sample size is rounded to the nearest hundred. The target population is rounded to the nearest thousand. Data for BIE and DoDEA schools are counted in the overall national totals, but not in the public or private school totals. Data for the District of Columbia public schools are counted, along with the states, in the public school totals. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

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2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Student sample sizes and target populations in NAEP mathematics at grade 8, by state/jurisdiction: 2017

State/jurisdiction	Sample size	Target population
Nation	148,100	3,881,000
Public	143,300	3,572,000
Private	3,100	303,000
Alabama	2,400	52,000
Alaska	2,200	8,000
Arizona	2,300	81,000
Arkansas	2,400	35,000
California	6,100	439,000
Colorado	3,200	63,000
Connecticut	2,400	41,000
Delaware	2,400	10,000
Florida	5,900	196,000
Georgia	3,300	126,000
Hawaii	2,300	13,000
Idaho	2,400	23,000
Illinois	3,600	145,000
Indiana	2,300	74,000
Iowa	2,500	38,000
Kansas	2,200	33,000
Kentucky	3,200	49,000
Louisiana	2,200	48,000
Maine	2,200	13,000
Maryland	3,200	62,000
Massachusetts	3,200	69,000
Michigan	3,100	106,000
Minnesota	2,400	64,000
Mississippi	2,300	34,000
Missouri	2,400	65,000
Montana	2,400	11,000
Nebraska	2,400	23,000
Nevada	2,400	34,000
New Hampshire	2,200	14,000
New Jersey	2,300	101,000
New Mexico	3,000	24,000
New York	3,000	195,000
North Carolina	4,400	114,000
North Dakota	2,300	8,000
Ohio	3,000	129,000
Oklahoma	2,300	46,000
Oregon	2,200	40,000
Pennsylvania	3,100	121,000
Rhode Island	2,300	10,000
South Carolina	2,500	56,000
South Dakota	2,400	10,000
Tennessee	3,200	71,000
Texas	7,500	371,000
Utah	2,300	47,000
Vermont	2,200	6,000
Virginia	2,300	90,000
Washington	2,200	77,000
West Virginia	2,200	19,000
Wisconsin	3,200	59,000
Wyoming	2,500	7,000
Other jurisdictions		
BIE ¹	100	2,000
District of Columbia	1,500	4,000
DoDEA ²	1,600	4,000
Puerto Rico	3,100	26,000

¹ Bureau of Indian Education.

² Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The sample size is rounded to the nearest hundred. The target population is rounded to the nearest thousand. Data for BIE and DoDEA schools are counted in the overall national totals, but not in the public or private school totals. Data for the District of Columbia public schools are counted, along with the states, in the public school totals. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

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2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

School and student participation rates in NAEP mathematics at grade 4, by state/jurisdiction: 2017

State/jurisdiction	School participation			Student participation	
	Student-weighted percent	School-weighted percent	Number of schools participating	Student-weighted percent	Number of students assessed
Nation	97	87	7,840	94	149,400
Public	100	100	7,440	94	144,000
Private	61	54	300	95	3,000
Alabama	100	100	110	94	2,200
Alaska	99	96	160	92	2,200
Arizona	100	100	120	94	2,300
Arkansas	100	100	110	94	2,300
California	99	99	280	95	6,000
Colorado	100	100	160	92	3,100
Connecticut	99	100	110	93	2,300
Delaware	100	100	90	94	2,300
Florida	100	100	270	94	5,600
Georgia	100	100	150	95	3,600
Hawaii	100	100	110	94	2,300
Idaho	100	100	120	95	2,400
Illinois	100	100	190	94	3,600
Indiana	100	100	110	94	2,400
Iowa	100	100	120	95	2,300
Kansas	100	100	130	95	2,300
Kentucky	100	100	150	95	3,200
Louisiana	99	99	110	95	2,300
Maine	98	99	140	91	2,100
Maryland	100	100	170	94	3,300
Massachusetts	100	100	170	94	3,500
Michigan	100	100	170	94	3,100
Minnesota	100	100	120	94	2,400
Mississippi	100	100	110	94	2,400
Missouri	99	99	120	94	2,300
Montana	100	97	150	94	2,300
Nebraska	99	100	140	95	2,300
Nevada	100	100	110	94	2,400
New Hampshire	100	100	130	92	2,300
New Jersey	99	99	110	93	2,200
New Mexico	100	100	150	94	2,800
New York	100	100	150	88	3,100
North Carolina	100	100	210	93	4,300
North Dakota	98	98	160	94	2,300
Ohio	100	100	180	94	3,100
Oklahoma	100	100	130	95	2,400
Oregon	100	100	120	93	2,200
Pennsylvania	100	100	160	94	3,300
Rhode Island	99	99	110	94	2,400
South Carolina	100	100	110	95	2,400
South Dakota	100	93	140	95	2,300
Tennessee	100	100	150	94	3,200
Texas	99	99	340	95	7,500
Utah	100	100	110	93	2,300
Vermont	100	100	190	95	2,300
Virginia	100	100	110	94	2,300
Washington	100	100	110	93	2,400
West Virginia	100	100	140	94	2,300
Wisconsin	100	100	190	93	3,300
Wyoming	100	100	130	94	2,400
Other jurisdictions					
District of Columbia	99	98	120	92	2,200
DoDEA ¹	98	95	90	95	2,300
Puerto Rico	100	100	180	96	3,000

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The number of schools is rounded to the nearest ten. The number of students is rounded to the nearest hundred. The school participation rates are student-weighted percentages before substitution. Columns of percentages have different denominators. Data for DoDEA schools are counted in the overall national totals, but not in the public or private school totals. Data for the District of Columbia public schools are counted, along with the states, in the public school totals. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

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School and student participation rates in NAEP mathematics at grade 8, by state/jurisdiction: 2017

State/jurisdiction	School participation			Student participation	
	Student-weighted percent	School-weighted percent	Number of schools participating	Student-weighted percent	Number of students assessed
Nation	96	82	6,500	92	144,900
Public	100	100	6,150	91	140,200
Private	60	53	300	94	3,100
Alabama	100	100	110	94	2,300
Alaska	100	96	110	90	2,200
Arizona	100	100	110	92	2,300
Arkansas	100	100	110	94	2,300
California	100	100	220	91	5,900
Colorado	100	100	140	91	3,100
Connecticut	100	100	110	92	2,300
Delaware	100	100	50	93	2,400
Florida	100	100	230	92	5,700
Georgia	100	100	120	94	3,300
Hawaii	100	100	60	89	2,200
Idaho	100	100	100	93	2,400
Illinois	99	100	180	94	3,500
Indiana	100	100	100	94	2,300
Iowa	100	100	110	93	2,500
Kansas	100	100	110	93	2,200
Kentucky	100	100	120	93	3,100
Louisiana	96	98	100	93	2,100
Maine	96	99	110	88	2,200
Maryland	100	100	160	92	3,200
Massachusetts	100	100	140	91	3,100
Michigan	99	100	150	92	3,000
Minnesota	100	100	110	90	2,300
Mississippi	100	100	100	93	2,300
Missouri	100	100	120	93	2,300
Montana	100	97	130	92	2,300
Nebraska	100	100	110	92	2,400
Nevada	100	100	90	91	2,400
New Hampshire	100	100	90	87	2,200
New Jersey	100	100	110	90	2,300
New Mexico	100	100	120	93	2,900
New York	95	97	140	83	2,900
North Carolina	100	100	150	92	4,300
North Dakota	98	97	130	93	2,300
Ohio	100	100	180	91	2,900
Oklahoma	100	97	120	92	2,300
Oregon	100	98	110	89	2,100
Pennsylvania	100	100	150	91	3,000
Rhode Island	100	100	60	91	2,200
South Carolina	100	100	110	93	2,500
South Dakota	100	97	120	93	2,300
Tennessee	100	100	140	92	3,100
Texas	100	100	230	93	7,300
Utah	100	100	100	91	2,300
Vermont	100	100	110	93	2,100
Virginia	100	100	100	91	2,200
Washington	99	99	110	88	2,200
West Virginia	97	96	100	93	2,200
Wisconsin	100	100	160	93	3,100
Wyoming	100	100	80	92	2,500
Other jurisdictions					
District of Columbia	100	100	60	86	1,400
DoDEA ¹	97	91	50	94	1,600
Puerto Rico	100	100	150	94	3,100

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The number of schools is rounded to the nearest ten. The number of students is rounded to the nearest hundred. The school participation rates are student-weighted percentages before substitution. Columns of percentages have different denominators. Data for DoDEA schools are counted in the overall national totals, but not in the public or private school totals. Data for the District of Columbia public schools are counted, along with the states, in the public school totals. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

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Inclusion rate and confidence interval in NAEP mathematics for fourth- and eighth-grade public and nonpublic school students, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Grade 4			Grade 8		
	Inclusion rate	95% confidence interval		Inclusion rate	95% confidence interval	
		Lower	Upper		Lower	Upper
Nation	98¹	97.9	98.2	98¹	98.1	98.3
Nation (public)	98 ¹	97.8	98.1	98 ¹	97.9	98.2
Alabama	99 ¹	98.4	99.3	98 ¹	97.6	98.8
Alaska	99 ¹	98.4	99.4	98 ¹	97.8	98.7
Arizona	98 ¹	97.4	98.9	99 ¹	98.0	99.0
Arkansas	98 ¹	97.9	98.9	98 ¹	97.2	98.4
California	97 ¹	96.6	98.0	98 ¹	97.7	98.7
Colorado	99 ¹	97.8	99.0	98 ¹	97.5	98.7
Connecticut	98 ¹	97.3	98.5	98 ¹	96.7	98.5
Delaware	98 ¹	97.7	98.9	98 ¹	97.0	98.2
Florida	97 ¹	96.1	97.7	97 ¹	96.4	97.9
Georgia	98 ¹	97.7	98.8	98 ¹	97.7	98.7
Hawaii	97 ¹	96.5	98.0	98 ¹	97.1	98.4
Idaho	99 ¹	97.8	99.2	99 ¹	98.3	99.3
Illinois	98 ¹	97.8	98.9	99 ¹	97.9	98.9
Indiana	99 ¹	98.0	98.9	98 ¹	97.6	99.0
Iowa	98 ¹	97.5	98.7	99 ¹	98.3	99.1
Kansas	99 ¹	97.9	98.9	99 ¹	98.0	99.1
Kentucky	98 ¹	97.9	98.9	99 ¹	98.2	99.1
Louisiana	98 ¹	97.0	98.5	97 ¹	96.5	97.9
Maine	99 ¹	98.0	99.1	98 ¹	97.4	98.6
Maryland	99 ¹	98.0	99.1	98 ¹	97.7	98.7
Massachusetts	98 ¹	96.9	98.4	98 ¹	97.0	98.4
Michigan	97 ¹	96.2	98.0	97 ¹	96.5	98.2
Minnesota	98 ¹	97.6	98.8	98 ¹	96.7	98.2
Mississippi	99 ¹	98.4	99.3	99 ¹	98.5	99.3
Missouri	99 ¹	98.1	99.1	98 ¹	98.0	98.9
Montana	99 ¹	98.4	99.2	99 ¹	98.2	99.1
Nebraska	98 ¹	97.7	98.8	98 ¹	97.1	98.3
Nevada	99 ¹	97.9	99.0	98 ¹	97.6	98.6
New Hampshire	99 ¹	98.3	99.3	99 ¹	98.2	99.1
New Jersey	98 ¹	97.4	98.8	98 ¹	97.5	98.9
New Mexico	98 ¹	97.6	98.8	98 ¹	97.3	98.5
New York	98 ¹	97.8	98.9	98 ¹	96.9	98.4
North Carolina	98 ¹	97.6	98.8	98 ¹	97.3	98.4
North Dakota	99 ¹	98.0	99.0	98 ¹	97.8	98.8
Ohio	98 ¹	97.5	98.6	98 ¹	96.9	98.3
Oklahoma	98 ¹	97.2	98.5	98 ¹	97.6	98.9
Oregon	98 ¹	97.6	98.8	99 ¹	97.9	99.0
Pennsylvania	98 ¹	97.1	98.4	98 ¹	97.0	98.3
Rhode Island	98 ¹	97.1	98.3	98 ¹	97.2	98.3
South Carolina	99 ¹	98.1	99.0	99 ¹	98.1	99.0
South Dakota	99 ¹	98.0	99.1	97 ¹	96.7	98.1
Tennessee	98 ¹	97.3	98.4	98 ¹	97.0	98.2
Texas	97 ¹	96.1	97.6	98 ¹	97.1	98.2
Utah	98 ¹	97.4	98.9	99 ¹	98.1	99.2
Vermont	99 ¹	98.3	99.2	99 ¹	98.3	99.2
Virginia	98 ¹	97.2	98.5	98 ¹	97.1	98.3
Washington	98 ¹	96.6	98.4	98 ¹	97.6	98.9
West Virginia	99 ¹	97.9	99.0	98 ¹	97.1	98.4
Wisconsin	98 ¹	97.8	98.9	98 ¹	97.9	98.7
Wyoming	99 ¹	98.2	99.0	99 ¹	98.5	99.3
Other jurisdictions						
District of Columbia	98 ¹	97.4	98.6	98 ¹	97.0	98.5
DoDEA ²	99 ¹	98.3	99.2	99 ¹	98.3	99.1
Puerto Rico	100 ¹	99.6	99.9	100 ¹	99.7	100.0

¹ The state/jurisdiction's inclusion rate is higher than or not significantly different from the National Assessment Governing Board goal of 95 percent.

² Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

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Inclusion rate and standard error (S.E.) in NAEP mathematics for fourth- and eighth-grade public and nonpublic school students with disabilities (SD) and English language learners (ELL), as a percentage of identified SD or ELL students, by state/jurisdiction: 2017

State/jurisdiction	Percentage of identified SD or ELL students							
	Grade 4				Grade 8			
	SD		ELL		SD		ELL	
	Inclusion rate	S.E.	Inclusion rate	S.E.	Inclusion rate	S.E.	Inclusion rate	S.E.
Nation	89	0.5	93	0.4	89	0.4	90	0.5
Nation (public)	89 ¹	0.5	93 ¹	0.4	89 ¹	0.4	90 ¹	0.5
Alabama	92 ¹	1.7	96 ¹	2.3	86 ¹	2.4	‡	†
Alaska	94 ¹	1.5	98 ¹	0.7	90 ¹	1.5	95 ¹	1.4
Arizona	90 ¹	2.8	94 ¹	1.5	90 ¹	2.1	91 ¹	3.2
Arkansas	89 ¹	1.9	97 ¹	1.0	85 ¹	2.3	93 ¹	1.7
California	83 ¹	2.5	95 ¹	0.9	91 ¹	1.5	92 ¹	1.3
Colorado	91 ¹	1.8	94 ¹	1.3	86 ¹	2.1	93 ¹	1.7
Connecticut	89 ¹	1.8	90 ¹	2.3	91 ¹	1.7	74	6.0
Delaware	94 ¹	1.3	93 ¹	1.8	90 ¹	1.7	76 ¹	5.1
Florida	87 ¹	2.2	85 ¹	2.0	86 ¹	2.4	85 ¹	3.0
Georgia	90 ¹	1.9	89 ¹	2.8	87 ¹	2.0	87 ¹	4.7
Hawaii	84 ¹	2.8	76	3.6	84 ¹	2.4	85 ¹	3.2
Idaho	91 ¹	2.0	92 ¹	3.2	92 ¹	2.0	86 ¹	4.0
Illinois	93 ¹	1.6	92 ¹	1.4	92 ¹	1.5	86 ¹	3.0
Indiana	93 ¹	1.5	92 ¹	2.5	90 ¹	2.0	96 ¹	1.7
Iowa	90 ¹	1.7	90 ¹	2.8	92 ¹	1.6	92 ¹	3.0
Kansas	92 ¹	1.5	96 ¹	1.0	92 ¹	1.7	96 ¹	1.3
Kentucky	92 ¹	1.4	86 ¹	3.8	90 ¹	1.7	89 ¹	5.2
Louisiana	86 ¹	2.8	92 ¹	2.0	78	3.0	‡	†
Maine	94 ¹	1.3	91 ¹	3.0	92 ¹	1.3	‡	†
Maryland	93 ¹	1.7	94 ¹	1.6	90 ¹	2.1	87 ¹	2.7
Massachusetts	89 ¹	1.9	94 ¹	1.6	90 ¹	1.7	87 ¹	2.8
Michigan	81 ¹	2.7	94 ¹	2.7	85 ¹	2.4	86 ¹	3.2
Minnesota	90 ¹	1.8	93 ¹	1.9	85 ¹	2.0	91 ¹	2.3
Mississippi	93 ¹	1.5	‡	†	92 ¹	1.8	‡	†
Missouri	92 ¹	1.6	93 ¹	2.4	89 ¹	1.8	‡	†
Montana	91 ¹	1.5	99 ¹	1.1	91 ¹	1.6	‡	†
Nebraska	93 ¹	1.4	94 ¹	1.5	90 ¹	1.8	77 ¹	5.4
Nevada	91 ¹	2.0	96 ¹	0.8	88 ¹	2.1	94 ¹	1.0
New Hampshire	95 ¹	1.2	91 ¹	3.9	94 ¹	1.5	‡	†
New Jersey	95 ¹	1.4	79 ¹	4.8	94 ¹	1.6	78 ¹	5.0
New Mexico	92 ¹	1.4	95 ¹	1.3	90 ¹	1.5	93 ¹	1.6
New York	94 ¹	1.5	91 ¹	1.5	95 ¹	1.1	80 ¹	3.7
North Carolina	91 ¹	1.8	89 ¹	2.5	88 ¹	2.0	86 ¹	3.9
North Dakota	91 ¹	1.5	‡	†	90 ¹	1.6	‡	†
Ohio	88 ¹	1.7	95 ¹	2.0	86 ¹	2.1	87 ¹	6.1
Oklahoma	90 ¹	1.6	96 ¹	1.4	92 ¹	1.7	94 ¹	2.4
Oregon	91 ¹	1.9	96 ¹	1.1	90 ¹	1.8	97 ¹	1.2
Pennsylvania	90 ¹	1.7	88 ¹	3.6	88 ¹	1.9	92 ¹	2.5
Rhode Island	93 ¹	1.7	83 ¹	2.9	89 ¹	1.6	87 ¹	2.6
South Carolina	93 ¹	1.3	94 ¹	1.6	91 ¹	1.5	94 ¹	1.4
South Dakota	92 ¹	1.4	‡	†	86 ¹	2.2	70	5.7
Tennessee	88 ¹	1.9	89 ¹	2.4	85 ¹	2.2	86 ¹	4.3
Texas	79	2.9	95 ¹	0.8	81 ¹	2.2	96 ¹	0.9
Utah	91 ¹	2.2	93 ¹	1.6	91 ¹	2.2	94 ¹	1.9
Vermont	94 ¹	1.2	‡	†	94 ¹	1.2	‡	†
Virginia	88 ¹	2.3	92 ¹	1.8	88 ¹	2.1	85 ¹	3.0
Washington	84 ¹	2.8	95 ¹	1.8	90 ¹	2.0	94 ¹	2.4
West Virginia	94 ¹	1.2	‡	†	86 ¹	2.0	‡	†
Wisconsin	90 ¹	1.8	95 ¹	1.3	89 ¹	1.6	95 ¹	1.7
Wyoming	92 ¹	1.3	90 ¹	3.3	93 ¹	1.3	‡	†
Other jurisdictions								
District of Columbia	92 ¹	1.5	89 ¹	2.6	95 ¹	1.3	81 ¹	4.1
DoDEA ²	95 ¹	1.6	92 ¹	1.6	92 ¹	1.9	87 ¹	4.2
Puerto Rico	100 ¹	0.2	‡	†	100 ¹	0.1	‡	†

† Not applicable. Standard error estimate cannot be accurately determined.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

¹ The state/jurisdiction's inclusion rate is higher than or not significantly different from the National Assessment Governing Board goal of 85 percent.

² Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. SD includes students identified as having an Individualized Education Program but excludes other students protected under Section 504 of the Rehabilitation Act of 1973. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school students with disabilities (SD) and/or English language learners (ELL) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	24	2	22	10	12
Nation (public)	25	2	23	10	13
Alabama	15	1	14	8	6
Alaska	27	1	26	13	13
Arizona	21	2	19	5	14
Arkansas	24	2	23	7	16
California	34	3	31	25	6
Colorado	24	1	23	13	10
Connecticut	22	2	20	5	15
Delaware	26	2	24	9	15
Florida	25	3	22	2	20
Georgia	18	2	16	4	12
Hawaii	15	3	13	7	6
Idaho	16	1	15	6	9
Illinois	24	2	23	7	16
Indiana	22	1	20	6	15
Iowa	20	2	18	4	14
Kansas	26	1	25	16	9
Kentucky	19	2	17	6	11
Louisiana	23	2	21	3	17
Maine	23	1	22	8	14
Maryland	22	1	21	5	16
Massachusetts	28	2	25	8	17
Michigan	20	3	17	11	6
Minnesota	22	2	20	14	6
Mississippi	16	1	15	6	9
Missouri	18	1	17	7	10
Montana	16	1	15	7	8
Nebraska	24	2	23	8	15
Nevada	27	1	25	18	7
New Hampshire	21	1	20	5	14
New Jersey	21	2	19	4	15
New Mexico	29	2	27	11	16
New York	24	2	22	3	19
North Carolina	20	2	18	6	12
North Dakota	15	1	14	6	8
Ohio	19	2	17	3	14
Oklahoma	25	2	23	9	14
Oregon	28	2	26	16	10
Pennsylvania	20	2	18	6	13
Rhode Island	21	2	19	4	15
South Carolina	22	1	21	13	8
South Dakota	18	1	17	10	6
Tennessee	18	2	16	6	10
Texas	37	3	34	15	19
Utah	21	2	19	12	8
Vermont	20	1	19	5	13
Virginia	21	2	19	8	11
Washington	25	2	23	15	8
West Virginia	22	1	21	11	10
Wisconsin	21	2	20	8	12
Wyoming	17	1	15	5	10
Other jurisdictions					
District of Columbia	22	2	20	4	16
DoDEA ¹	21	1	20	8	12
Puerto Rico	31	#	31	2	30

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. Detail may not sum to totals because of rounding. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of eighth-grade public and nonpublic school students with disabilities (SD) and/or English language learners (ELL) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	19	2	17	5	12
Nation (public)	20	2	18	6	12
Alabama	13	2	11	7	4
Alaska	23	2	22	8	14
Arizona	14	1	13	3	9
Arkansas	21	2	19	7	13
California	23	2	21	13	7
Colorado	20	2	18	9	9
Connecticut	20	2	17	4	13
Delaware	19	2	17	4	13
Florida	21	3	19	2	17
Georgia	15	2	13	2	11
Hawaii	16	2	14	8	6
Idaho	13	1	12	4	8
Illinois	18	1	16	3	14
Indiana	19	2	18	4	14
Iowa	16	1	15	2	12
Kansas	23	1	22	14	8
Kentucky	15	1	13	2	12
Louisiana	21	3	18	1	17
Maine	21	2	19	4	15
Maryland	17	2	16	1	14
Massachusetts	24	2	22	6	16
Michigan	19	3	16	6	10
Minnesota	19	2	17	11	6
Mississippi	12	1	11	3	8
Missouri	15	2	14	4	10
Montana	15	1	14	6	8
Nebraska	18	2	16	4	12
Nevada	22	2	21	13	7
New Hampshire	19	1	17	5	12
New Jersey	20	2	19	1	17
New Mexico	24	2	22	8	14
New York	23	2	21	2	19
North Carolina	17	2	15	5	10
North Dakota	16	2	15	5	9
Ohio	18	2	16	1	14
Oklahoma	20	2	19	5	14
Oregon	18	1	16	7	9
Pennsylvania	19	2	17	4	13
Rhode Island	21	2	19	4	15
South Carolina	20	1	19	12	6
South Dakota	15	3	13	9	4
Tennessee	17	2	14	3	11
Texas	23	2	21	8	13
Utah	15	1	13	4	9
Vermont	21	1	20	4	16
Virginia	17	2	15	5	10
Washington	18	2	17	6	11
West Virginia	16	2	14	5	8
Wisconsin	17	2	16	4	12
Wyoming	15	1	14	3	11
Other jurisdictions					
District of Columbia	24	2	22	2	19
DoDEA ¹	15	1	14	4	10
Puerto Rico	29	#	29	2	27

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. Detail may not sum to totals because of rounding. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

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National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school students with disabilities (SD) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	14	1	12	3	9
Nation (public)	15	2	13	4	9
Alabama	12	1	11	6	6
Alaska	15	1	14	5	9
Arizona	11	1	10	2	8
Arkansas	16	1	14	4	10
California	11	2	9	4	5
Colorado	12	1	11	3	8
Connecticut	15	1	14	3	10
Delaware	18	1	17	5	12
Florida	17	2	15	2	13
Georgia	14	1	12	3	10
Hawaii	10	1	8	3	5
Idaho	11	1	10	3	7
Illinois	15	1	14	2	12
Indiana	17	1	15	3	12
Iowa	15	1	14	2	12
Kansas	15	1	13	6	8
Kentucky	16	1	14	5	10
Louisiana	18	2	17	2	14
Maine	20	1	19	5	14
Maryland	13	1	12	2	10
Massachusetts	20	2	18	3	15
Michigan	12	2	10	5	5
Minnesota	14	1	12	7	5
Mississippi	14	1	13	5	8
Missouri	15	1	14	6	9
Montana	13	1	12	5	7
Nebraska	17	1	16	6	10
Nevada	12	1	11	6	5
New Hampshire	18	1	17	4	13
New Jersey	17	1	16	3	13
New Mexico	16	1	14	4	10
New York	17	1	16	2	14
North Carolina	15	1	14	4	10
North Dakota	14	1	13	5	7
Ohio	16	2	14	2	12
Oklahoma	18	2	16	5	12
Oregon	14	1	13	6	7
Pennsylvania	17	2	15	4	11
Rhode Island	14	1	13	1	12
South Carolina	15	1	14	8	6
South Dakota	17	1	15	10	5
Tennessee	13	2	12	4	7
Texas	15	2	12	3	10
Utah	14	1	12	6	6
Vermont	18	1	17	4	13
Virginia	13	1	12	3	8
Washington	13	2	11	5	7
West Virginia	21	1	20	11	9
Wisconsin	15	1	13	4	9
Wyoming	15	1	14	4	10
Other jurisdictions					
District of Columbia	16	1	15	2	13
DoDEA ¹	13	1	12	4	9
Puerto Rico	31	#	31	2	30

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of eighth-grade public and nonpublic school students with disabilities (SD) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	13	1	12	2	10
Nation (public)	14	1	13	3	10
Alabama	11	1	10	5	4
Alaska	14	1	12	2	10
Arizona	10	1	9	2	7
Arkansas	14	2	12	2	10
California	12	1	11	4	6
Colorado	12	1	10	3	8
Connecticut	16	1	14	3	12
Delaware	17	2	15	3	12
Florida	15	2	13	1	12
Georgia	13	1	11	2	10
Hawaii	11	2	9	5	4
Idaho	10	1	9	2	7
Illinois	14	1	13	1	12
Indiana	15	1	13	2	12
Iowa	13	1	12	1	11
Kansas	13	1	12	5	7
Kentucky	13	1	12	1	10
Louisiana	19	2	16	1	15
Maine	19	1	18	3	14
Maryland	13	1	12	1	11
Massachusetts	19	2	17	3	14
Michigan	13	2	11	2	9
Minnesota	13	2	11	6	5
Mississippi	10	1	10	2	8
Missouri	14	1	12	3	9
Montana	13	1	12	4	8
Nebraska	15	1	14	2	11
Nevada	11	1	9	4	5
New Hampshire	17	1	16	5	11
New Jersey	17	1	16	1	15
New Mexico	15	2	14	3	11
New York	17	1	17	1	15
North Carolina	14	2	13	4	9
North Dakota	14	1	13	4	8
Ohio	16	2	14	1	13
Oklahoma	17	1	15	3	13
Oregon	14	1	13	5	8
Pennsylvania	17	2	15	3	11
Rhode Island	16	2	15	3	12
South Carolina	13	1	12	7	6
South Dakota	13	2	11	7	4
Tennessee	14	2	12	2	10
Texas	14	2	12	1	10
Utah	11	1	10	2	8
Vermont	20	1	19	4	15
Virginia	13	1	12	4	8
Washington	14	1	12	3	9
West Virginia	15	2	13	5	8
Wisconsin	13	1	12	2	9
Wyoming	14	1	13	2	11
Other jurisdictions					
District of Columbia	18	1	17	2	15
DoDEA ¹	11	1	11	2	8
Puerto Rico	28	#	28	2	27

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).

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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school English language learners (ELL) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	11	1	11	6	4
Nation (public)	12	1	11	7	5
Alabama	4	#	3	2	1
Alaska	14	#	14	9	5
Arizona	11	1	10	4	7
Arkansas	10	#	10	3	7
California	27	1	25	22	4
Colorado	15	1	14	10	4
Connecticut	9	1	8	2	6
Delaware	10	1	9	5	4
Florida	9	1	8	#	7
Georgia	5	1	5	2	3
Hawaii	7	2	5	4	1
Idaho	6	#	6	4	2
Illinois	12	1	11	5	6
Indiana	6	#	6	3	3
Iowa	6	1	5	2	4
Kansas	13	1	12	10	2
Kentucky	3	#	3	1	2
Louisiana	5	#	5	1	4
Maine	4	#	3	2	1
Maryland	11	1	10	3	8
Massachusetts	10	1	9	6	4
Michigan	8	1	8	6	1
Minnesota	9	1	9	8	1
Mississippi	3	#	3	1	2
Missouri	4	#	4	1	2
Montana	3	#	3	2	1
Nebraska	9	1	8	3	6
Nevada	18	1	18	13	4
New Hampshire	4	#	3	2	2
New Jersey	5	1	4	1	3
New Mexico	17	1	17	8	9
New York	10	1	9	2	7
North Carolina	5	1	5	2	3
North Dakota	2	#	2	1	1
Ohio	4	#	4	2	2
Oklahoma	9	#	8	4	4
Oregon	16	1	15	11	5
Pennsylvania	4	1	4	2	2
Rhode Island	9	1	7	3	4
South Carolina	8	#	8	6	2
South Dakota	2	#	2	1	1
Tennessee	5	1	5	2	3
Texas	25	1	24	13	11
Utah	9	1	8	6	2
Vermont	3	#	2	1	1
Virginia	10	1	9	5	4
Washington	14	1	13	11	2
West Virginia	1	#	1	1	#
Wisconsin	8	#	8	4	4
Wyoming	3	#	2	1	1
Other jurisdictions					
District of Columbia	8	1	8	2	5
DoDEA ¹	9	1	9	5	4
Puerto Rico	#	#	#	#	#

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).
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Percentage of eighth-grade public and nonpublic school English language learners (ELL) identified, excluded, and assessed in NAEP mathematics, as a percentage of all students, by state/jurisdiction: 2017

State/jurisdiction	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	7	1	6	3	3
Nation (public)	7	1	6	3	3
Alabama	2	#	2	1	#
Alaska	12	1	11	6	6
Arizona	4	#	4	1	3
Arkansas	9	1	8	4	4
California	15	1	13	10	3
Colorado	10	1	9	7	3
Connecticut	5	1	4	1	2
Delaware	3	1	3	1	2
Florida	7	1	6	1	5
Georgia	3	#	2	#	2
Hawaii	6	1	5	3	2
Idaho	4	1	3	2	1
Illinois	5	1	5	2	3
Indiana	5	#	5	2	3
Iowa	4	#	3	1	2
Kansas	12	#	11	10	1
Kentucky	2	#	2	#	1
Louisiana	2	#	2	#	2
Maine	2	1	2	1	1
Maryland	5	1	4	1	4
Massachusetts	7	1	6	3	4
Michigan	7	1	6	4	1
Minnesota	7	1	6	5	1
Mississippi	2	#	1	1	1
Missouri	2	#	2	1	1
Montana	2	#	2	1	1
Nebraska	3	1	3	1	1
Nevada	14	1	13	10	3
New Hampshire	2	#	2	1	1
New Jersey	3	1	2	#	2
New Mexico	12	1	12	5	7
New York	7	1	6	1	5
North Carolina	4	1	3	2	2
North Dakota	3	#	2	1	1
Ohio	3	#	2	1	2
Oklahoma	5	#	5	3	2
Oregon	5	#	5	2	3
Pennsylvania	3	#	3	1	2
Rhode Island	6	1	5	1	4
South Carolina	7	#	7	6	1
South Dakota	3	1	2	2	#
Tennessee	3	#	2	1	2
Texas	12	#	11	7	4
Utah	5	#	5	2	3
Vermont	1	#	1	1	1
Virginia	6	1	5	2	3
Washington	6	#	6	3	2
West Virginia	1	#	1	1	#
Wisconsin	5	#	5	2	3
Wyoming	2	#	2	1	1
Other jurisdictions					
District of Columbia	8	1	6	1	5
DoDEA ¹	5	1	4	2	2
Puerto Rico	#	#	#	#	#

Rounds to zero.

¹ Department of Defense Education Activity (overseas and domestic schools).
NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. Detail may not sum to totals because of rounding. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, as a percentage of identified SD and/or ELL students, by state/jurisdiction: 2017

State/jurisdiction	SD and/or ELL				SD				ELL			
	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	8	92	41	51	10	90	25	65	7	93	56	38
Nation (public)	8	92	40	51	10	90	25	64	7	93	55	38
Alabama	7	93	52	41	8	92	47	46	4	96	69	27
Alaska	4	96	49	47	6	94	36	59	2	98	60	38
Arizona	8	92	26	65	10	90	19	71	6	94	33	61
Arkansas	6	94	27	67	9	91	24	67	3	97	29	67
California	8	92	73	19	17	83	40	44	5	95	81	13
Colorado	6	94	53	41	8	92	27	65	6	94	69	26
Connecticut	9	91	23	68	9	91	22	69	10	90	23	68
Delaware	6	94	36	58	6	94	27	67	7	93	49	45
Florida	12	88	10	78	10	90	12	77	15	85	5	80
Georgia	9	91	25	66	9	91	20	71	11	89	37	52
Hawaii	17	83	46	37	15	85	35	49	24	76	59	17
Idaho	8	92	39	53	8	92	25	67	8	92	60	32
Illinois	7	93	29	64	7	93	15	78	8	92	44	49
Indiana	7	93	26	67	7	93	19	74	8	92	41	51
Iowa	9	91	19	72	9	91	13	78	10	90	31	59
Kansas	6	94	61	33	8	92	40	52	4	96	81	15
Kentucky	8	92	32	60	7	93	31	62	14	86	34	52
Louisiana	9	91	15	76	10	90	13	77	8	92	20	72
Maine	6	94	33	61	5	95	26	69	9	91	69	22
Maryland	6	94	21	73	6	94	15	79	6	94	25	69
Massachusetts	8	92	30	62	9	91	14	77	6	94	57	37
Michigan	14	86	56	31	18	82	41	41	6	94	76	18
Minnesota	8	92	66	26	9	91	54	37	7	93	81	11
Mississippi	7	93	35	59	7	93	34	59	‡	‡	‡	‡
Missouri	7	93	36	57	7	93	37	56	7	93	31	63
Montana	7	93	45	48	8	92	36	56	1	99	76	23
Nebraska	7	93	32	61	7	93	33	60	6	94	28	66
Nevada	5	95	69	26	9	91	53	38	4	96	73	23
New Hampshire	5	95	27	68	4	96	23	73	9	91	42	48
New Jersey	8	92	17	74	5	95	17	78	21	79	14	65
New Mexico	6	94	38	56	8	92	25	66	5	95	44	50
New York	7	93	13	80	5	95	11	84	9	91	17	75
North Carolina	9	91	30	61	8	92	27	65	11	89	35	53
North Dakota	9	91	41	50	9	91	40	52	‡	‡	‡	‡
Ohio	10	90	18	73	11	89	11	78	5	95	43	53
Oklahoma	8	92	35	57	10	90	27	63	4	96	50	45
Oregon	6	94	56	38	9	91	40	51	4	96	67	28
Pennsylvania	10	90	28	62	10	90	24	66	12	88	41	47
Rhode Island	10	90	18	72	7	93	7	87	17	83	32	51
South Carolina	6	94	59	34	7	93	53	40	6	94	69	25
South Dakota	7	93	58	35	8	92	60	32	‡	‡	‡	‡
Tennessee	11	89	31	58	12	88	32	57	11	89	28	60
Texas	8	92	41	50	16	84	19	65	5	95	50	44
Utah	8	92	56	36	9	91	46	45	7	93	69	24
Vermont	6	94	26	68	5	95	24	71	‡	‡	‡	‡
Virginia	10	90	38	52	11	89	26	62	8	92	52	40
Washington	9	91	60	31	15	85	35	50	5	95	80	15
West Virginia	6	94	50	43	6	94	50	44	‡	‡	‡	‡
Wisconsin	8	92	38	55	10	90	30	60	5	95	47	48
Wyoming	8	92	32	60	7	93	28	64	10	90	44	46
Other jurisdictions												
District of Columbia	9	91	19	72	8	92	12	80	11	89	28	61
DoDEA ¹	6	94	39	55	4	96	28	68	8	92	51	42
Puerto Rico	1	99	5	95	#	100	5	95	‡	‡	‡	‡

Rounds to zero.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. Detail may not sum to totals because of rounding. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of eighth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, as a percentage of identified SD and/or ELL students, by state/jurisdiction: 2017

State/jurisdiction	SD and/or ELL				SD				ELL			
	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
Nation	10	90	29	61	10	90	18	72	10	90	51	40
Nation (public)	10	90	29	61	10	90	18	72	10	90	50	40
Alabama	14	86	51	35	13	87	49	38	‡	‡	‡	‡
Alaska	7	93	32	60	10	90	17	73	5	95	47	48
Arizona	10	90	24	66	10	90	20	70	9	91	29	61
Arkansas	10	90	31	59	13	87	16	71	7	93	51	43
California	8	92	59	33	9	91	36	55	8	92	72	21
Colorado	9	91	44	47	12	88	22	66	7	93	65	27
Connecticut	11	89	20	69	7	93	18	74	26	74	24	50
Delaware	12	88	19	69	10	90	17	73	24	76	28	48
Florida	13	87	9	78	11	89	9	80	15	85	10	75
Georgia	11	89	16	73	11	89	15	74	13	87	14	72
Hawaii	14	86	51	36	16	84	46	37	15	85	52	34
Idaho	9	91	30	61	7	93	24	69	14	86	47	38
Illinois	8	92	15	77	7	93	8	85	14	86	29	57
Indiana	8	92	19	73	10	90	11	80	4	96	41	54
Iowa	8	92	15	77	7	93	11	82	8	92	30	62
Kansas	6	94	60	34	8	92	36	56	4	96	85	12
Kentucky	9	91	12	79	9	91	10	81	11	89	24	65
Louisiana	13	87	6	81	13	87	5	82	‡	‡	‡	‡
Maine	9	91	20	71	7	93	18	75	‡	‡	‡	‡
Maryland	10	90	8	82	8	92	5	87	13	87	15	72
Massachusetts	9	91	24	67	9	91	17	74	13	87	37	50
Michigan	13	87	34	53	14	86	17	69	14	86	65	20
Minnesota	13	87	57	30	15	85	46	39	9	91	76	15
Mississippi	9	91	22	70	8	92	17	74	‡	‡	‡	‡
Missouri	10	90	26	64	10	90	22	68	‡	‡	‡	‡
Montana	8	92	38	54	9	91	34	57	‡	‡	‡	‡
Nebraska	12	88	21	67	10	90	16	74	23	77	41	36
Nevada	8	92	60	32	12	88	40	48	6	94	72	22
New Hampshire	7	93	29	64	6	94	29	65	‡	‡	‡	‡
New Jersey	8	92	5	86	6	94	6	89	22	78	4	73
New Mexico	8	92	32	60	10	90	19	71	7	93	41	53
New York	9	91	7	83	4	96	7	88	20	80	9	71
North Carolina	12	88	29	59	11	89	25	63	14	86	43	43
North Dakota	10	90	33	57	10	90	31	59	‡	‡	‡	‡
Ohio	13	87	8	80	13	87	5	83	13	87	22	65
Oklahoma	8	92	24	68	8	92	15	77	6	94	55	39
Oregon	8	92	41	51	9	91	37	54	3	97	47	51
Pennsylvania	12	88	21	68	12	88	19	68	8	92	27	65
Rhode Island	10	90	19	71	9	91	18	73	13	87	21	66
South Carolina	7	93	61	32	8	92	48	44	6	94	84	10
South Dakota	16	84	55	28	14	86	55	31	30	70	56	15
Tennessee	14	86	18	68	14	86	16	70	14	86	28	58
Texas	10	90	33	57	13	87	9	77	4	96	59	36
Utah	9	91	27	64	9	91	20	71	6	94	41	53
Vermont	5	95	20	74	5	95	19	76	‡	‡	‡	‡
Virginia	13	87	31	56	11	89	29	60	15	85	36	49
Washington	9	91	33	58	9	91	23	68	6	94	55	39
West Virginia	13	87	34	53	14	86	32	54	‡	‡	‡	‡
Wisconsin	9	91	23	68	11	89	17	72	5	95	38	57
Wyoming	7	93	20	73	6	94	15	79	‡	‡	‡	‡
Other jurisdictions												
District of Columbia	9	91	10	81	5	95	10	86	19	81	11	70
DoDEA ¹	8	92	28	64	7	93	19	74	13	87	48	39
Puerto Rico	#	100	7	93	#	100	6	94	‡	‡	‡	‡

Rounds to zero.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

¹ Department of Defense Education Activity (overseas and domestic schools).

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. The overall national results include both public and nonpublic school students. The national (public) and state/jurisdiction results include public school students only. Data for DoDEA schools are included in the overall national results, but not in the national (public) results. Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973. Detail may not sum to totals because of rounding. In Puerto Rico, the English language learner (ELL) category is for the Spanish language learner (SLL).

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded in NAEP mathematics, as a percentage of all students, by state/jurisdiction: Various years, 1992–2017

State/jurisdiction	Percentage of all students										
	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	6	6	4	4	3	3	2	2	1	2	2
Nation (public)	7	6	4	4	3	3	2	2	2	2	2
Alabama	5	6	3	2	1	2	1	1	1	1	1
Alaska	—	4	—	1	2	2	1	3	1	1	1
Arizona	5	12	4	5	4	3	1	1	1	1	2
Arkansas	5	7	4	2	3	3	1	1	1	1	2
California	12	16	6	3	4	2	2	2	2	2	3
Colorado	5	8	—	2	3	2	2	1	1	2	1
Connecticut	7	8	5	4	2	1	2	1	1	1	2
Delaware	5	7	—	7	8	5	3	4	2	2	2
Florida	8	10	—	3	3	3	2	2	2	2	3
Georgia	5	7	3	2	2	2	1	2	1	2	2
Hawaii	6	6	9	3	3	1	1	2	1	2	3
Idaho	3	—	2	2	1	2	1	1	1	2	1
Illinois	—	—	3	4	3	5	3	2	1	1	2
Indiana	3	5	2	2	2	3	2	2	2	1	1
Iowa	3	6	2	3	2	1	2	1	1	1	2
Kansas	—	—	3	2	3	3	3	2	2	1	1
Kentucky	3	6	3	3	3	3	3	3	1	2	2
Louisiana	4	8	3	3	4	2	2	2	1	2	2
Maine	6	8	5	3	4	3	2	2	2	2	1
Maryland	4	8	2	4	4	4	5	6	1	1	1
Massachusetts	7	9	3	3	4	5	5	3	2	2	2
Michigan	5	6	3	4	4	3	3	2	2	3	3
Minnesota	3	6	2	3	2	2	2	1	1	2	2
Mississippi	5	6	3	5	2	1	1	1	1	1	1
Missouri	4	5	3	4	2	4	3	2	1	1	1
Montana	—	5	2	2	2	2	2	2	2	1	1
Nebraska	4	5	3	3	2	3	3	2	2	1	2
Nevada	—	9	7	4	3	3	3	2	1	2	1
New Hampshire	4	—	—	3	2	2	2	2	1	1	1
New Jersey	6	6	—	2	3	2	3	3	1	2	2
New Mexico	7	12	6	4	3	4	2	3	1	2	2
New York	5	8	5	5	4	2	1	1	1	1	2
North Carolina	4	7	5	4	2	2	2	2	1	1	2
North Dakota	2	4	1	2	3	4	4	4	3	2	1
Ohio	6	—	5	4	3	5	3	2	1	2	2
Oklahoma	7	—	5	4	4	5	4	8	2	2	2
Oregon	—	9	3	4	4	3	3	3	2	2	2
Pennsylvania	4	5	—	3	3	2	3	1	2	2	2
Rhode Island	6	6	3	3	3	2	2	1	1	2	2
South Carolina	5	6	5	6	4	2	2	1	1	1	1
South Dakota	—	—	—	1	2	1	2	2	1	1	1
Tennessee	4	6	3	3	3	6	3	3	1	2	2
Texas	8	10	7	7	6	5	3	4	2	3	3
Utah	4	6	3	3	2	2	2	2	1	1	2
Vermont	—	6	3	4	3	2	2	2	1	2	1
Virginia	5	7	4	6	5	5	2	2	2	2	2
Washington	—	5	—	3	3	3	2	2	2	1	2
West Virginia	4	8	3	3	2	1	2	2	2	1	1
Wisconsin	5	8	5	4	2	3	2	2	2	1	2
Wyoming	4	4	2	1	2	2	1	2	1	1	1
Other jurisdictions											
District of Columbia	9	11	5	4	6	6	4	5	1	2	2
DoDEA ²	—	4	3	1	2	2	2	3	2	1	1
Puerto Rico	—	—	—	—	—	—	—	#	#	#	#

— Not available. The state/jurisdiction did not participate or did not meet the minimum participation guidelines for reporting.

Rounds to zero.

¹ Accommodations not permitted.

² Department of Defense Education Activity (overseas and domestic schools).

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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1992–2017 Mathematics Assessments.

National Center for Education Statistics

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Percentage of eighth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded in NAEP mathematics, as a percentage of all students, by state/jurisdiction: Various years, 1990–2017

State/jurisdiction	Percentage of all students											
	1990 ¹	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	—	6	4	4	3	3	4	3	2	1	2	2
Nation (public)	—	6	5	4	4	4	4	3	3	2	2	2
Alabama	5	5	7	6	2	1	3	2	1	1	1	2
Alaska	—	—	5	—	1	2	4	3	3	1	2	2
Arizona	5	6	9	3	4	5	3	2	1	1	1	1
Arkansas	7	6	7	2	2	3	2	1	1	2	2	2
California	7	8	10	4	3	2	2	2	1	1	1	2
Colorado	4	4	4	—	2	3	2	2	1	1	1	2
Connecticut	6	7	8	6	4	3	2	2	1	2	1	2
Delaware	4	4	9	—	9	11	7	3	3	1	2	2
Florida	6	6	10	—	3	3	3	2	2	2	2	3
Georgia	3	5	7	5	2	2	5	3	3	2	1	2
Hawaii	4	5	5	5	4	3	2	2	2	2	2	2
Idaho	2	3	—	2	1	2	2	1	1	1	2	1
Illinois	5	—	—	5	4	3	6	3	2	1	1	1
Indiana	5	5	6	3	2	4	6	4	3	2	1	2
Iowa	4	4	5	—	2	3	2	3	1	1	1	1
Kansas	—	—	—	3	3	4	4	3	1	2	1	1
Kentucky	5	5	5	4	4	3	7	5	3	2	1	1
Louisiana	4	4	6	3	5	4	3	2	1	1	2	3
Maine	—	4	5	3	4	5	5	2	2	1	1	2
Maryland	4	5	7	3	4	4	7	7	6	2	2	2
Massachusetts	—	8	8	3	3	6	9	6	4	2	2	2
Michigan	4	6	5	4	5	4	5	3	4	2	2	3
Minnesota	3	3	3	2	2	2	2	3	2	2	2	2
Mississippi	—	7	7	5	5	3	2	2	1	1	1	1
Missouri	—	4	7	3	4	4	5	3	1	1	2	2
Montana	2	—	3	2	2	2	3	3	2	1	1	1
Nebraska	3	4	4	4	4	1	3	3	4	2	2	2
Nevada	—	—	8	4	2	2	4	2	3	1	1	2
New Hampshire	4	5	4	—	3	2	3	3	2	1	1	1
New Jersey	7	7	7	—	2	4	3	2	4	2	1	2
New Mexico	6	5	8	7	2	3	3	3	2	2	2	2
New York	6	8	8	4	5	4	3	3	1	2	1	2
North Carolina	3	3	4	5	4	3	2	2	2	1	1	2
North Dakota	3	2	3	2	1	4	6	5	4	3	2	2
Ohio	5	6	—	4	5	6	7	5	5	2	2	2
Oklahoma	5	6	—	4	2	4	8	6	10	2	2	2
Oregon	3	—	4	3	3	3	3	3	1	1	2	1
Pennsylvania	5	4	—	—	2	3	4	3	2	2	2	2
Rhode Island	6	5	7	3	4	3	3	2	1	1	2	2
South Carolina	—	6	6	4	7	6	5	4	4	1	1	1
South Dakota	—	—	—	—	2	2	2	2	2	1	1	3
Tennessee	—	5	4	2	3	5	6	4	4	2	2	2
Texas	6	7	9	8	7	6	6	5	5	2	2	2
Utah	—	4	6	3	3	2	3	3	3	2	1	1
Vermont	—	—	4	3	3	4	4	2	1	1	1	1
Virginia	5	5	7	6	7	5	7	4	3	1	2	2
Washington	—	—	6	—	2	2	4	2	2	2	1	2
West Virginia	5	6	8	3	3	3	2	2	2	2	2	2
Wisconsin	4	4	7	4	3	4	5	3	2	2	1	2
Wyoming	3	4	2	1	1	2	2	2	1	2	1	1
Other jurisdictions												
District of Columbia	5	10	10	6	6	6	10	6	4	1	3	2
DoDEA ²	—	—	3	1	1	2	2	2	3	1	1	1
Puerto Rico	—	—	—	—	—	—	—	—	1	#	#	#

— Not available. The state/jurisdiction did not participate or did not meet the minimum participation guidelines for reporting.

Rounds to zero.

¹ Accommodations not permitted.

² Department of Defense Education Activity (overseas and domestic schools).

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SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1990–2017 Mathematics Assessments.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of fourth-grade public and nonpublic school students with disabilities (SD) excluded in NAEP mathematics, as a percentage of identified SD students, by state/jurisdiction: Various years, 1992–2017

	Percentage of identified SD students										
State/jurisdiction	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	63	43	26	21	19	19	15	15	9	9	10
Nation (public)	63	42	26	22	19	20	16	15	9	10	10
Alabama	44	54	25	14	11	12	9	11	10	9	8
Alaska	—	27	—	6	7	9	7	14	6	9	6
Arizona	47	68	24	28	23	19	10	9	8	7	10
Arkansas	48	69	31	10	16	20	11	7	8	8	9
California	43	60	39	20	22	17	21	14	16	14	17
Colorado	50	56	—	13	15	13	13	10	10	12	8
Connecticut	42	50	31	25	14	10	14	9	8	7	9
Delaware	44	49	—	38	43	29	20	20	13	7	6
Florida	51	52	—	12	12	13	10	8	8	7	10
Georgia	53	52	27	13	13	17	11	13	11	10	9
Hawaii	46	47	46	15	15	10	11	16	8	11	15
Idaho	36	—	9	8	8	14	10	10	9	13	8
Illinois	—	—	18	17	15	23	12	14	5	7	7
Indiana	50	46	19	14	8	15	15	13	8	7	7
Iowa	36	44	11	16	12	10	12	8	4	6	9
Kansas	—	—	26	10	16	21	20	11	9	7	8
Kentucky	39	56	24	21	16	16	19	18	10	12	7
Louisiana	53	55	16	13	16	12	9	9	5	9	10
Maine	41	51	28	19	18	17	8	9	10	7	5
Maryland	33	52	15	23	23	29	32	38	6	7	6
Massachusetts	38	49	5	12	18	27	25	14	9	9	9
Michigan	69	57	26	32	26	24	18	14	12	16	18
Minnesota	43	45	16	16	15	14	11	9	9	13	9
Mississippi	73	72	46	52	19	8	8	8	7	5	7
Missouri	37	35	15	21	13	23	18	12	10	5	7
Montana	—	49	13	13	17	19	14	13	14	10	8
Nebraska	32	31	15	15	12	14	13	8	9	7	7
Nevada	—	56	34	20	21	17	19	20	9	21	9
New Hampshire	31	—	—	14	11	11	11	10	7	5	4
New Jersey	41	57	—	11	13	13	15	18	6	7	5
New Mexico	51	60	33	12	12	21	15	16	8	12	8
New York	48	54	21	21	18	10	6	6	5	5	5
North Carolina	30	52	31	21	14	11	13	11	7	7	8
North Dakota	20	33	13	11	14	25	23	22	17	13	9
Ohio	60	—	38	34	27	30	20	15	8	11	11
Oklahoma	61	—	28	19	22	33	26	51	10	12	10
Oregon	—	47	14	20	23	15	14	15	13	15	9
Pennsylvania	38	49	—	17	15	15	16	9	9	7	10
Rhode Island	35	36	11	9	12	10	9	6	7	7	7
South Carolina	48	45	30	36	27	12	12	9	7	5	7
South Dakota	—	—	—	9	9	8	13	11	9	6	8
Tennessee	34	47	23	18	24	41	24	24	7	10	12
Texas	50	57	41	47	39	39	28	36	11	14	16
Utah	40	43	29	17	13	16	16	14	8	9	9
Vermont	—	43	18	23	20	14	11	8	7	8	5
Virginia	47	51	23	34	28	27	14	15	9	8	11
Washington	—	44	—	16	15	15	13	12	14	8	15
West Virginia	51	62	21	19	11	8	9	8	9	6	6
Wisconsin	50	71	30	21	13	15	14	12	11	7	10
Wyoming	37	33	13	7	8	11	7	10	6	6	7
Other jurisdictions											
District of Columbia	84	83	25	28	32	35	27	30	6	9	8
DoDEA ²	—	46	23	10	11	8	12	13	9	5	4
Puerto Rico	—	—	—	—	—	—	—	2	#	#	#

— Not available. The state/jurisdiction did not participate or did not meet the minimum participation guidelines for reporting.

Rounds to zero.

¹ Accommodations not permitted.

² Department of Defense Education Activity (overseas and domestic schools).

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Percentage of eighth-grade public and nonpublic school students with disabilities (SD) excluded in NAEP mathematics, as a percentage of identified SD students, by state/jurisdiction: Various years, 1990–2017

State/jurisdiction	Percentage of identified SD students											
	1990 ¹	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	—	59	45	31	22	23	29	22	19	10	9	10
Nation (public)	—	61	47	32	22	24	30	22	19	10	9	10
Alabama	56	53	53	46	15	8	24	13	11	9	9	13
Alaska	—	—	45	—	6	15	31	25	23	7	11	10
Arizona	51	62	55	19	23	29	27	16	11	8	9	10
Arkansas	70	57	64	14	10	20	18	9	11	14	14	13
California	47	49	55	28	13	17	17	15	9	12	11	9
Colorado	42	44	37	—	11	18	15	16	8	10	9	12
Connecticut	59	45	52	35	23	18	10	14	10	12	8	7
Delaware	41	42	68	—	51	66	43	15	21	7	8	10
Florida	55	52	59	—	13	15	17	13	11	9	9	11
Georgia	49	61	66	39	15	19	50	23	26	11	10	11
Hawaii	49	40	47	27	17	16	10	11	9	8	10	16
Idaho	35	43	—	14	6	15	14	15	14	12	12	7
Illinois	54	—	—	30	24	17	35	20	15	6	3	7
Indiana	67	53	46	25	17	23	36	31	17	11	9	10
Iowa	38	40	41	—	14	16	15	16	9	6	7	7
Kansas	—	—	—	26	18	24	30	24	11	12	8	8
Kentucky	63	52	49	32	31	28	49	37	27	17	11	9
Louisiana	63	62	64	20	28	30	26	11	10	7	7	13
Maine	—	41	43	18	23	25	29	12	8	7	6	7
Maryland	42	43	52	16	25	33	62	56	51	9	10	8
Massachusetts	—	44	44	11	14	33	51	28	18	8	8	9
Michigan	51	64	61	34	33	31	32	24	26	15	12	14
Minnesota	31	47	27	9	14	16	17	17	14	12	15	15
Mississippi	—	73	60	52	53	32	22	17	14	9	5	8
Missouri	—	40	59	19	23	28	35	26	10	10	11	10
Montana	37	—	35	20	14	17	22	22	13	12	10	9
Nebraska	33	38	35	28	19	9	17	23	24	12	11	10
Nevada	—	—	55	22	16	19	28	22	28	7	9	12
New Hampshire	36	43	25	—	17	12	17	14	9	5	7	6
New Jersey	55	49	51	—	7	17	18	11	24	7	5	6
New Mexico	68	42	36	39	10	14	18	22	14	11	10	10
New York	53	62	55	24	25	19	22	14	7	10	3	4
North Carolina	34	26	45	30	21	15	14	12	12	7	7	11
North Dakota	34	33	34	15	11	26	43	34	30	19	14	10
Ohio	67	63	—	39	38	40	48	33	34	10	10	13
Oklahoma	66	65	—	28	13	25	56	41	60	9	8	8
Oregon	32	—	33	16	18	19	24	20	10	10	14	9
Pennsylvania	50	49	—	—	9	20	24	19	15	9	9	12
Rhode Island	42	35	41	16	13	15	13	10	6	5	7	9
South Carolina	—	60	57	30	47	41	40	32	32	10	8	8
South Dakota	—	—	—	—	16	17	22	17	12	10	12	14
Tennessee	—	48	38	17	18	32	53	36	31	14	11	14
Texas	57	54	57	50	41	41	44	39	42	12	14	13
Utah	—	46	49	23	20	19	24	27	25	12	10	9
Vermont	—	—	35	16	17	21	22	11	6	4	5	5
Virginia	53	47	56	43	39	30	43	24	19	6	11	11
Washington	—	—	45	—	13	17	28	19	12	14	7	9
West Virginia	58	59	67	18	17	17	11	10	11	13	11	14
Wisconsin	54	47	61	24	17	22	28	16	14	10	10	11
Wyoming	42	45	18	9	7	11	14	13	10	10	9	6
Other jurisdictions												
District of Columbia	86	85	80	41	32	30	56	34	22	2	6	5
DoDEA ²	—	—	33	16	10	13	9	13	16	8	6	7
Puerto Rico	—	—	—	—	—	—	—	—	5	#	1	#

— Not available. The state/jurisdiction did not participate or did not meet the minimum participation guidelines for reporting.

Rounds to zero.

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Percentage of fourth-grade public and nonpublic school English language learners (ELL) excluded in NAEP mathematics, as a percentage of identified ELL students, by state/jurisdiction: Various years, 1992–2017

State/jurisdiction	Percentage of identified ELL students										
	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	67	39	18	14	12	8	6	4	4	5	7
Nation (public)	67	39	18	14	12	8	6	4	4	5	7
Alabama	‡	‡	‡	‡	‡	11	3	‡	4	‡	4
Alaska	—	18	—	1	4	3	3	8	2	3	2
Arizona	25	54	16	12	11	10	2	1	5	4	6
Arkansas	‡	‡	‡	27	35	8	3	2	1	2	3
California	45	47	11	7	8	3	4	2	5	3	5
Colorado	‡	‡	—	8	8	3	4	1	2	3	6
Connecticut	65	‡	‡	29	11	3	13	3	4	7	10
Delaware	‡	‡	—	36	28	23	7	12	7	10	7
Florida	49	54	—	17	17	20	5	4	7	9	15
Georgia	‡	‡	‡	14	19	9	3	5	3	3	11
Hawaii	37	29	44	26	14	5	4	3	7	14	24
Idaho	‡	—	‡	12	6	3	3	7	10	3	8
Illinois	—	—	24	26	10	16	15	7	4	6	8
Indiana	‡	‡	‡	12	17	8	4	2	3	4	8
Iowa	‡	‡	‡	24	7	4	6	6	4	8	10
Kansas	—	—	‡	16	16	6	5	2	2	3	4
Kentucky	‡	‡	‡	31	‡	11	13	27	7	10	14
Louisiana	‡	‡	‡	‡	‡	‡	#	1	4	12	8
Maine	‡	‡	‡	‡	‡	‡	‡	2	12	7	9
Maryland	‡	‡	‡	38	22	13	15	14	3	5	6
Massachusetts	45	‡	‡	22	20	16	13	11	4	2	6
Michigan	‡	‡	‡	16	17	9	8	6	5	8	6
Minnesota	‡	‡	‡	10	9	8	6	2	2	5	7
Mississippi	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Missouri	‡	‡	‡	24	17	‡	‡	1	4	‡	7
Montana	—	‡	‡	4	4	6	6	‡	5	1	1
Nebraska	‡	‡	‡	21	8	7	5	3	4	5	6
Nevada	—	54	38	15	9	9	5	2	2	2	4
New Hampshire	‡	—	—	24	13	13	11	7	3	4	9
New Jersey	67	‡	—	22	24	11	20	11	7	20	21
New Mexico	39	52	11	9	6	9	4	7	2	5	5
New York	44	52	47	44	20	12	8	6	7	9	9
North Carolina	‡	‡	‡	16	11	8	4	5	5	7	11
North Dakota	‡	‡	‡	8	‡	22	‡	15	11	‡	‡
Ohio	‡	—	‡	35	26	27	14	6	4	7	5
Oklahoma	‡	—	‡	15	13	8	6	14	3	6	4
Oregon	—	50	22	12	10	7	6	6	4	4	4
Pennsylvania	‡	‡	—	39	20	10	11	5	10	14	12
Rhode Island	47	31	18	23	13	11	9	2	3	13	17
South Carolina	‡	‡	‡	22	‡	5	5	1	1	3	6
South Dakota	—	—	—	7	12	5	‡	3	2	9	‡
Tennessee	‡	‡	‡	‡	25	15	6	8	9	5	11
Texas	41	34	13	13	14	10	5	5	3	5	5
Utah	‡	‡	11	12	9	5	6	6	7	12	7
Vermont	—	‡	‡	23	‡	8	‡	‡	‡	‡	‡
Virginia	‡	‡	43	29	9	14	5	5	5	11	8
Washington	—	‡	—	16	13	9	4	4	4	1	5
West Virginia	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Wisconsin	‡	‡	14	15	13	11	10	3	4	2	5
Wyoming	‡	‡	‡	2	8	5	‡	4	6	7	10
Other jurisdictions											
District of Columbia	70	76	30	20	22	25	14	12	9	13	11
DoDEA ²	—	‡	‡	13	12	21	14	22	12	5	8
Puerto Rico	—	—	—	—	—	—	—	‡	‡	‡	‡

— Not available. The state/jurisdiction did not participate or did not meet the minimum participation guidelines for reporting.

Rounds to zero.

‡ Reporting standards not met. Sample size insufficient to permit a reliable estimate.

¹ Accommodations not permitted.

² Department of Defense Education Activity (overseas and domestic schools).

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Percentage of eighth-grade public and nonpublic school English language learners (ELL) excluded in NAEP mathematics, as a percentage of identified ELL students, by state/jurisdiction: Various years, 1990–2017

State/jurisdiction	Percentage of identified ELL students											
	1990 ¹	1992 ¹	1996 ¹	2000	2003	2005	2007	2009	2011	2013	2015	2017
Nation	—	70	39	22	18	13	11	8	7	7	8	10
Nation (public)	—	72	41	22	18	13	11	8	7	7	7	10
Alabama	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Alaska	—	—	‡	—	2	3	3	6	5	2	7	5
Arizona	26	31	48	14	13	15	12	9	‡	‡	8	9
Arkansas	‡	‡	‡	‡	21	‡	8	3	4	4	4	7
California	50	36	49	10	9	5	4	4	3	6	3	8
Colorado	‡	‡	‡	—	16	16	7	6	3	3	3	7
Connecticut	‡	53	‡	‡	23	14	9	11	7	9	5	26
Delaware	‡	‡	‡	—	45	38	26	24	10	‡	14	24
Florida	70	43	‡	—	22	20	21	9	5	13	14	15
Georgia	‡	‡	‡	‡	26	13	7	9	8	12	10	13
Hawaii	40	35	‡	25	23	11	10	15	10	8	11	15
Idaho	‡	‡	—	‡	6	9	5	2	5	3	10	14
Illinois	‡	—	—	‡	31	25	24	19	10	5	5	14
Indiana	‡	‡	‡	‡	13	13	13	10	6	‡	4	4
Iowa	‡	‡	‡	—	10	‡	3	15	3	1	11	8
Kansas	—	—	—	‡	26	15	4	5	1	1	4	4
Kentucky	‡	‡	‡	‡	‡	‡	‡	36	15	11	16	11
Louisiana	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Maine	—	‡	‡	‡	‡	‡	‡	‡	3	‡	‡	‡
Maryland	‡	‡	‡	‡	34	‡	22	16	26	17	20	13
Massachusetts	—	60	‡	‡	41	39	21	25	22	13	5	13
Michigan	‡	‡	‡	‡	28	11	‡	7	17	16	4	14
Minnesota	‡	‡	‡	‡	16	8	9	10	9	5	7	9
Mississippi	—	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Missouri	—	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Montana	‡	—	‡	‡	‡	9	7	4	‡	‡	‡	‡
Nebraska	‡	‡	‡	‡	34	4	21	8	10	10	19	23
Nevada	—	—	‡	27	14	8	11	6	10	4	3	6
New Hampshire	‡	‡	‡	—	‡	‡	‡	‡	‡	‡	‡	‡
New Jersey	76	50	‡	—	41	43	18	13	4	‡	‡	22
New Mexico	‡	37	65	21	7	11	12	6	6	2	5	7
New York	56	79	‡	38	33	21	15	14	6	6	6	20
North Carolina	‡	‡	‡	‡	26	16	8	8	4	6	7	14
North Dakota	‡	‡	‡	‡	‡	‡	‡	‡	‡	15	‡	‡
Ohio	‡	‡	—	‡	29	‡	33	43	4	3	15	13
Oklahoma	‡	‡	—	‡	11	14	14	9	22	8	5	6
Oregon	‡	—	‡	‡	15	10	10	6	2	3	19	3
Pennsylvania	‡	‡	—	—	‡	‡	‡	17	8	11	23	8
Rhode Island	50	44	‡	28	28	13	34	21	9	8	10	13
South Carolina	—	‡	‡	‡	‡	‡	‡	5	7	5	8	6
South Dakota	—	—	—	—	7	‡	‡	‡	20	9	‡	30
Tennessee	—	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	14
Texas	36	37	45	26	28	21	22	11	14	10	10	4
Utah	—	‡	‡	‡	9	10	12	5	16	8	14	6
Vermont	—	—	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Virginia	‡	35	‡	‡	43	22	29	12	13	5	17	15
Washington	—	—	‡	—	12	11	14	12	5	8	4	6
West Virginia	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡	‡
Wisconsin	‡	‡	‡	‡	22	31	30	15	4	4	4	5
Wyoming	‡	‡	‡	‡	15	6	‡	‡	‡	‡	‡	‡
Other jurisdictions												
District of Columbia	‡	‡	‡	‡	28	28	23	27	15	11	35	19
DoDEA ²	—	—	‡	‡	17	14	31	16	29	13	6	13
Puerto Rico	—	—	—	—	—	—	—	—	‡	‡	‡	‡

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Percentage of fourth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) assessed in NAEP mathematics with accommodations, by SD/ELL category and type of accommodation: 2017

Type of accommodation	SD and/or ELL	SD	ELL
Bilingual dictionary	0.9	0.1	0.9
Braille presentation	—	—	—
Braille response	—	—	—
Breaks during test	3.7	3.4	0.7
Calculator version of the test	1.2	1.2	0.2
Cueing to stay on task	1.5	1.5	0.2
Directions read aloud in English	—	—	—
Directions read aloud in Spanish	—	—	—
Directions translated into Spanish	0.2	#	0.2
Extended time	10.5	7.6	3.9
Hearing impaired version of test	#	#	#
High contrast for visually impaired	#	#	#
Large-print version of test	—	—	—
Low mobility version of test	#	#	#
Magnification equipment	0.1	0.1	#
Must be tested in separate session	2.3	2.1	0.4
One-on-one	—	—	—
Other	0.3	0.2	0.1
Preferential seating	0.9	0.9	0.1
Read aloud (all)	—	—	—
Read aloud (occasional)	—	—	—
Read aloud in Spanish	—	—	—
Responds orally to scribe	0.2	0.2	#
School staff administers/Aide present	0.3	0.3	#
Sign language presentation	#	#	#
Sign language response	#	#	#
Small group	—	—	—
Spanish-English booklet	0.3	0.1	0.3
Special equipment	0.1	0.1	#
Template	#	#	#

— Not available.

Rounds to zero.

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.

National Center for Education Statistics

2017 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Participation Rates, Proportions of SD and ELL Students Identified, and Types of Accommodations

Percentage of eighth-grade public and nonpublic school students identified as students with disabilities (SD) and/or English language learners (ELL) assessed in NAEP mathematics with accommodations, by SD/ELL category and type of accommodation: 2017

Type of accommodation	SD and/or ELL	SD	ELL
Bilingual dictionary	0.9	#	0.9
Braille presentation	—	—	—
Braille response	—	—	—
Breaks during test	2.2	2.1	0.3
Calculator version of the test	3.1	3.1	0.3
Cueing to stay on task	0.8	0.8	0.1
Directions read aloud in English	—	—	—
Directions read aloud in Spanish	—	—	—
Directions translated into Spanish	0.1	#	0.1
Extended time	9.9	8.3	2.3
Hearing impaired version of test	#	#	#
High contrast for visually impaired	#	#	#
Large-print version of test	—	—	—
Low mobility version of test	#	#	#
Magnification equipment	0.1	0.1	#
Must be tested in separate session	1.6	1.6	0.2
One-on-one	—	—	—
Other	0.2	0.2	#
Preferential seating	0.8	0.8	0.1
Read aloud (all)	—	—	—
Read aloud (occasional)	—	—	—
Read aloud in Spanish	—	—	—
Responds orally to scribe	0.1	0.1	#
School staff administers/Aide present	0.2	0.2	#
Sign language presentation	#	#	#
Sign language response	#	#	#
Small group	—	—	—
Spanish-English booklet	0.3	#	0.3
Special equipment	0.1	0.1	#
Template	#	#	#

— Not available.

Rounds to zero.

NOTE: Beginning with the 2017 assessment, NAEP mathematics results are from a digitally based assessment; prior to 2017, results were from a paper-and-pencil based assessment. Students identified as both SD and ELL were counted only once under the combined SD and/or ELL category, but were counted separately under the SD and ELL categories. SD includes students identified as having either an Individualized Education Program or protection under Section 504 of the Rehabilitation Act of 1973.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2017 Mathematics Assessment.