

# National Center for Education Statistics

## 2019 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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2019 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

Table A-1. Target percentage distribution of questions in NAEP mathematics, by grade and content area: Various years, 1990–2019

Grade and content area	1990 and 1992	1996, 2000, and 2003	2005–2019	Content area <sup>1</sup>
<b>Grade 4</b>				
Number sense, properties, and operations	45	40	40	Number properties and operations
Measurement	20	20	20	Measurement
Geometry and spatial sense	15	15	15	Geometry
Data analysis, statistics, and probability	10	10	10	Data analysis, statistics, and probability
Algebra and functions	10	15	15	Algebra
<b>Grade 8</b>				
Number sense, properties, and operations	30	25	20	Number properties and operations
Measurement	15	15	15	Measurement
Geometry and spatial sense	20	20	20	Geometry
Data analysis, statistics, and probability	15	15	15	Data analysis, statistics, and probability
Algebra and functions	20	25	30	Algebra

<sup>1</sup> The content area labels were revised in 2005, but test item content remains comparable to previous years.

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 data analysis, statistics, and probability content area was called data analysis and probability in the 2005 and 2007 frameworks. 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), various years, 1990–2019 Mathematics Assessments.

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2019 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

Table A-2. Percentage distribution of administered NAEP mathematics questions, by grade and question type: Various years, 1990–2019

Grade and question type	1990	1992	1996	2000	2003	2005	2007	2009	2011	2013	2015	2017	2019
<b>Grade 4</b>													
Multiple choice	71	61	51	60	63	64	69	68	70	70	70	59	57
Short constructed response	29	36	41	34	33	32	27	27	26	27	27	38	41
Extended constructed response	#	3	8	6	4	4	4	5	4	3	3	3	3
<b>Grade 8</b>													
Multiple choice	78	62	56	63	65	69	74	72	74	75	73	59	51
Short constructed response	22	34	38	32	29	28	23	23	23	22	24	39	46
Extended constructed response	#	3	7	6	5	4	4	4	3	3	3	2	3

# 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. Short constructed-response questions included in the 1990 and 1992 assessments were scored dichotomously (i.e., credit or no credit). Beginning with the 1996 assessment, some of the new short constructed-response questions were scored allowing for partial credit. 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), various years, 1990–2019 Mathematics Assessments.

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2019 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

Table A-3. Student sample sizes and target populations in NAEP mathematics at grades 4 and 8, by state/jurisdiction: 2019

State/jurisdiction	Grade 4		Grade 8	
	Sample size	Target population	Sample size	Target population
<b>Nation</b>	<b>152,300</b>	<b>3,992,000</b>	<b>150,100</b>	<b>3,909,000</b>
Public	146,400	3,689,000	144,800	3,603,000
Private	2,600	295,000	2,700	300,000
Alabama	2,400	58,000	2,300	51,000
Alaska	2,200	9,000	2,100	8,000
Arizona	2,500	86,000	2,400	86,000
Arkansas	2,400	37,000	2,300	35,000
California	6,200	444,000	6,000	442,000
Colorado	3,300	68,000	3,100	64,000
Connecticut	2,400	38,000	2,300	39,000
Delaware	2,300	10,000	2,300	10,000
Florida	5,700	204,000	5,800	205,000
Georgia	3,400	133,000	3,700	125,000
Hawaii	2,200	12,000	2,300	13,000
Idaho	2,400	23,000	2,400	23,000
Illinois	3,600	137,000	3,600	146,000
Indiana	2,400	78,000	2,200	73,000
Iowa	2,300	35,000	2,400	37,000
Kansas	2,200	35,000	2,400	34,000
Kentucky	3,100	49,000	3,100	49,000
Louisiana	2,300	53,000	2,200	47,000
Maine	2,300	13,000	2,300	13,000
Maryland	3,200	70,000	3,200	64,000
Massachusetts	3,500	69,000	3,600	70,000
Michigan	3,300	99,000	3,400	102,000
Minnesota	2,400	63,000	2,400	64,000
Mississippi	2,400	37,000	2,300	34,000
Missouri	2,400	68,000	2,400	68,000
Montana	2,300	12,000	2,400	11,000
Nebraska	2,500	25,000	2,500	24,000
Nevada	2,600	35,000	2,400	35,000
New Hampshire	2,200	13,000	2,200	14,000
New Jersey	2,200	100,000	2,200	98,000
New Mexico	2,700	25,000	2,800	24,000
New York	3,100	192,000	3,100	191,000
North Carolina	4,400	120,000	4,500	113,000
North Dakota	2,300	9,000	2,300	8,000
Ohio	3,600	130,000	3,400	122,000
Oklahoma	2,300	49,000	2,300	46,000
Oregon	2,400	41,000	2,500	42,000
Pennsylvania	3,200	126,000	3,200	127,000
Rhode Island	2,300	10,000	2,300	11,000
South Carolina	2,400	60,000	2,400	54,000
South Dakota	2,300	11,000	2,300	10,000
Tennessee	3,200	72,000	3,200	71,000
Texas	7,400	406,000	7,200	388,000
Utah	2,400	49,000	2,500	50,000
Vermont	2,400	6,000	2,500	6,000
Virginia	2,300	95,000	2,200	90,000
Washington	2,500	83,000	2,400	75,000
West Virginia	2,300	20,000	2,300	18,000
Wisconsin	3,500	61,000	3,300	60,000
Wyoming	2,200	7,000	2,300	7,000
Other jurisdictions				
BIE <sup>1</sup>	900	3,000	800	3,000
District of Columbia	2,500	6,000	1,900	5,000
DoDEA <sup>2</sup>	2,400	6,000	1,800	4,000
Puerto Rico	3,700	22,000	3,600	24,000

<sup>1</sup> Bureau of Indian Education.

<sup>2</sup> 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 school totals. Data for the District of Columbia public schools are counted, along with the states, in the national 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), 2019 Mathematics Assessment.

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## 2019 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

**Table A-4. Student sample sizes and target populations for Trial Urban District Assessment (TUDA) in mathematics at grades 4 and 8, by urban district: 2019**

Urban district	Grade 4		Grade 8	
	Sample size	Target population	Sample size	Target population
Albuquerque	1,100	7,000	1,100	6,000
Atlanta	1,200	4,000	1,400	3,000
Austin	1,100	6,000	1,100	5,000
Baltimore City	1,100	6,000	1,000	5,000
Boston	1,300	4,000	1,400	3,000
Charlotte	1,100	12,000	1,100	11,000
Chicago	1,800	27,000	1,700	26,000
Clark County (NV)	1,800	24,000	1,700	23,000
Cleveland	1,300	3,000	1,100	3,000
Dallas	1,200	12,000	1,200	10,000
Denver	1,200	7,000	1,000	6,000
Detroit	1,200	4,000	1,300	3,000
District of Columbia (DCPS)	1,600	4,000	1,000	2,000
Duval County (FL)	1,200	10,000	1,200	8,000
Fort Worth	1,200	6,000	1,200	6,000
Fresno	1,200	5,000	1,100	5,000
Guilford County (NC)	1,100	5,000	1,100	5,000
Hillsborough County (FL)	1,100	16,000	1,200	16,000
Houston	1,700	17,000	1,600	12,000
Jefferson County (KY)	1,200	7,000	1,100	7,000
Los Angeles	1,700	35,000	1,800	31,000
Miami-Dade	1,800	25,000	1,700	25,000
Milwaukee	1,200	6,000	1,000	5,000
New York City	1,800	71,000	1,800	69,000
Philadelphia	1,100	11,000	1,000	8,000
San Diego	1,100	8,000	1,200	7,000
Shelby County (TN)	1,100	8,000	1,200	7,000

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. DCPS = District of Columbia Public Schools. The sample size is rounded to the nearest hundred. The target population is rounded to the nearest thousand.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-5. National school and student participation rates in NAEP mathematics, by grade and type of school: 2019

Grade and type of school	School participation					Student participation	
	Student-weighted		School-weighted		Number of schools participating after substitution	Student-weighted percent	Number of students assessed
	Percent before substitution	Percent after substitution	Percent before substitution	Percent after substitution			
<b>Grade 4</b>							
<b>Nation</b>	<b>96</b>	<b>97</b>	<b>88</b>	<b>90</b>	<b>8,280</b>	<b>94</b>	<b>149,500</b>
Public	100	100	100	100	7,810	93	143,600
Private	53	63	55	62	290	95	2,600
<b>Grade 8</b>							
<b>Nation</b>	<b>96</b>	<b>96</b>	<b>81</b>	<b>84</b>	<b>6,960</b>	<b>92</b>	<b>147,400</b>
Public	99	99	99	99	6,560	92	142,200
Private	50	62	51	60	270	94	2,700

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 national totals for schools include Department of Defense Education Activity (overseas and domestic schools) and Bureau of Indian Education schools, which are not included in either the public or private school totals. The national totals for students include students in these schools. Columns of percentages have different denominators. The number of schools is rounded to the nearest ten. The number of students is rounded to the nearest hundred.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-6. Public school and student participation rates in NAEP mathematics at grade 4, by state/jurisdiction: 2019

State/jurisdiction	School participation			Student participation	
	Student-weighted percent	School-weighted percent	Number of schools participating	Student-weighted percent	Number of students assessed
<b>Nation (public)</b>	<b>100</b>	<b>100</b>	<b>7,810</b>	<b>93</b>	<b>143,600</b>
Alabama	100	100	120	95	2,300
Alaska	98	92	160	91	2,200
Arizona	100	100	130	94	2,400
Arkansas	100	100	120	95	2,300
California	99	99	300	94	6,000
Colorado	100	100	170	93	3,200
Connecticut	100	100	120	93	2,300
Delaware	100	100	90	94	2,300
Florida	99	99	280	93	5,600
Georgia	100	100	160	94	3,400
Hawaii	100	100	120	94	2,200
Idaho	100	100	130	94	2,400
Illinois	100	100	190	94	3,500
Indiana	100	100	120	94	2,300
Iowa	99	99	120	95	2,200
Kansas	100	100	130	94	2,200
Kentucky	100	100	160	95	3,100
Louisiana	100	100	120	93	2,200
Maine	100	99	140	92	2,200
Maryland	100	100	160	93	3,100
Massachusetts	100	100	180	93	3,400
Michigan	100	100	180	93	3,200
Minnesota	100	100	130	92	2,400
Mississippi	100	100	120	95	2,400
Missouri	100	100	130	93	2,300
Montana	100	98	160	93	2,300
Nebraska	100	100	150	95	2,500
Nevada	100	100	130	94	2,500
New Hampshire	100	100	140	90	2,200
New Jersey	99	99	120	93	2,200
New Mexico	99	99	140	93	2,600
New York	100	100	160	89	3,100
North Carolina	100	100	230	93	4,400
North Dakota	99	99	160	95	2,300
Ohio	100	100	200	93	3,500
Oklahoma	100	100	130	93	2,200
Oregon	100	100	140	90	2,400
Pennsylvania	100	100	160	93	3,000
Rhode Island	100	100	110	94	2,300
South Carolina	100	100	120	95	2,400
South Dakota	100	98	150	94	2,300
Tennessee	100	100	160	94	3,100
Texas	100	100	360	95	7,200
Utah	100	100	120	92	2,400
Vermont	100	100	210	95	2,400
Virginia	100	100	120	94	2,300
Washington	99	99	130	92	2,400
West Virginia	100	100	130	94	2,300
Wisconsin	99	99	190	92	3,400
Wyoming	100	100	130	93	2,100
Other jurisdictions					
District of Columbia	100	100	120	93	2,500
DoDEA <sup>1</sup>	97	95	90	94	2,400
Puerto Rico	100	100	160	94	3,700

<sup>1</sup> 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. 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), 2019 Mathematics Assessment.

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2019 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

Table A-7. Public school and student participation rates in NAEP mathematics at grade 8, by state/jurisdiction: 2019

State/jurisdiction	School participation			Student participation	
	Student-weighted percent	School-weighted percent	Number of schools participating	Student-weighted percent	Number of students assessed
<b>Nation (public)</b>	<b>99</b>	<b>99</b>	<b>6,560</b>	<b>92</b>	<b>142,200</b>
Alabama	100	100	110	95	2,300
Alaska	98	86	100	88	2,100
Arizona	100	100	120	93	2,400
Arkansas	100	100	110	93	2,300
California	96	93	230	93	5,900
Colorado	100	100	150	90	3,100
Connecticut	100	100	110	91	2,200
Delaware	100	100	60	91	2,300
Florida	99	99	250	92	5,700
Georgia	100	100	130	94	3,600
Hawaii	100	100	60	89	2,200
Idaho	100	100	100	93	2,300
Illinois	100	100	190	91	3,600
Indiana	100	100	110	92	2,200
Iowa	100	100	120	93	2,400
Kansas	100	100	120	95	2,300
Kentucky	100	100	130	92	3,100
Louisiana	100	100	110	92	2,100
Maine	100	100	110	88	2,300
Maryland	100	100	160	90	3,100
Massachusetts	99	99	150	90	3,400
Michigan	100	100	160	92	3,300
Minnesota	100	96	130	89	2,400
Mississippi	100	100	110	92	2,300
Missouri	100	100	130	93	2,400
Montana	100	100	130	93	2,300
Nebraska	97	99	120	94	2,400
Nevada	100	100	90	91	2,400
New Hampshire	100	100	90	85	2,100
New Jersey	100	100	110	91	2,200
New Mexico	100	100	120	92	2,800
New York	99	97	160	85	3,000
North Carolina	100	100	170	91	4,400
North Dakota	99	99	130	92	2,200
Ohio	100	100	190	93	3,300
Oklahoma	100	100	130	92	2,200
Oregon	100	100	130	89	2,400
Pennsylvania	99	100	160	91	3,100
Rhode Island	100	100	60	91	2,300
South Carolina	100	100	120	93	2,300
South Dakota	99	96	120	91	2,200
Tennessee	100	100	150	92	3,200
Texas	100	100	240	93	7,100
Utah	100	100	120	90	2,500
Vermont	100	100	120	93	2,500
Virginia	100	100	110	92	2,200
Washington	99	100	120	90	2,300
West Virginia	100	100	110	93	2,200
Wisconsin	100	100	180	90	3,300
Wyoming	100	100	80	91	3,200
Other jurisdictions					
District of Columbia	100	100	70	89	1,900
DoDEA <sup>1</sup>	97	91	50	95	1,800
Puerto Rico	100	100	160	94	3,600

<sup>1</sup> Department of Defense Education Activity (overseas and domestic schools).

NOTE: 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. 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), 2019 Mathematics Assessment.



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2019 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

**Table A-8. Public school and student participation rates for Trial Urban District Assessment (TUDA) in mathematics, by grade and urban district: 2019**

Grade and urban district	School participation			Student participation	
	Student-weighted percent	School-weighted percent	Number of schools participating	Student-weighted percent	Number of students assessed
<b>Grade 4</b>					
Albuquerque	96	94	50	91	1,100
Atlanta	99	98	50	94	1,100
Austin	100	100	60	93	1,100
Baltimore City	100	100	60	94	1,100
Boston	100	100	70	96	1,200
Charlotte	100	100	60	92	1,000
Chicago	100	100	100	95	1,700
Clark County (NV)	100	100	90	95	1,800
Cleveland	100	100	80	92	1,300
Dallas	100	100	60	95	1,200
Denver	100	100	60	93	1,100
Detroit	100	100	70	94	1,200
District of Columbia (DCPS)	100	100	80	94	1,500
Duval County (FL)	100	100	60	95	1,100
Fort Worth	100	100	60	95	1,100
Fresno	100	100	60	94	1,200
Guilford County (NC)	100	100	50	94	1,100
Hillsborough County (FL)	100	100	60	93	1,100
Houston	100	100	90	96	1,600
Jefferson County (KY)	100	100	60	94	1,100
Los Angeles	100	100	90	95	1,700
Miami-Dade	100	100	90	96	1,700
Milwaukee	100	100	70	92	1,200
New York City	100	100	90	91	1,700
Philadelphia	96	98	60	96	1,100
San Diego	100	100	60	94	1,100
Shelby County (TN)	100	100	60	93	1,100
<b>Grade 8</b>					
Albuquerque	100	100	40	90	1,100
Atlanta	100	100	20	93	1,400
Austin	100	100	20	89	1,100
Baltimore City	100	100	60	87	1,000
Boston	100	100	40	93	1,300
Charlotte	100	100	40	91	1,100
Chicago	100	100	90	93	1,700
Clark County (NV)	100	100	60	91	1,700
Cleveland	100	100	70	92	1,000
Dallas	100	100	40	92	1,100
Denver	96	96	40	91	1,000
Detroit	100	100	50	90	1,200
District of Columbia (DCPS)	100	100	30	88	900
Duval County (FL)	100	100	40	94	1,100
Fort Worth	100	100	30	93	1,200
Fresno	100	100	20	86	1,100
Guilford County (NC)	100	100	20	92	1,100
Hillsborough County (FL)	100	100	50	93	1,200
Houston	100	100	50	92	1,600
Jefferson County (KY)	100	100	20	91	1,100
Los Angeles	100	100	80	92	1,700
Miami-Dade	100	100	80	91	1,700
Milwaukee	100	100	50	88	1,000
New York City	99	96	90	93	1,800
Philadelphia	89	97	50	94	1,000
San Diego	100	100	40	92	1,100
Shelby County (TN)	100	100	40	90	1,100

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. DCPS = District of Columbia Public Schools. 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-9. Percentage of fourth- and 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: 2019

Type of accommodation	Grade 4			Grade 8		
	SD and/or ELL	SD	ELL	SD and/or ELL	SD	ELL
Bilingual booklet	0.5	0.1	0.5	0.4	0.1	0.4
Bilingual dictionary	1.0	0.1	1.0	0.9	0.1	0.9
Braille	#	#	#	#	#	#
Breaks during test	4.2	3.7	0.9	2.7	2.6	0.3
Calculator version of the test	1.2	1.2	0.2	2.9	2.9	0.4
Cueing to stay on task	2.5	2.3	0.4	1.3	1.2	0.1
Directions only presented in Sign Language	#	#	#	#	#	#
Directions translated into Spanish	0.2	#	0.2	0.1	#	0.1
Extended time	11.7	8.3	4.5	10.3	8.7	2.5
Hearing impaired version of test	#	#	#	#	#	#
High contrast for visually impaired	#	#	#	0.1	0.1	#
Low mobility version of test	#	#	#	#	#	#
Magnification equipment	0.1	0.1	#	0.1	0.1	#
Must be tested in separate session	5.6	5.0	1.1	4.3	4.1	0.5
Other	0.2	0.1	#	0.1	0.1	#
Preferential seating	2.8	2.6	0.5	2.3	2.3	0.3
Presentation in Sign Language	#	#	#	#	#	#
Responds orally to scribe	0.3	0.3	#	0.1	0.1	#
Response in Sign Language	#	#	#	#	#	#
School staff administers/Aide present	1.2	1.1	0.3	0.5	0.5	0.1
Special equipment	0.4	0.4	0.1	0.2	0.2	#
Text to speech in Spanish	0.5	0.1	0.5	0.4	0.1	0.4
Uses template	0.2	0.2	#	0.1	0.1	#

# 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), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

**Table A-10. Inclusion rate and confidence interval in NAEP mathematics for fourth- and eighth-grade public school students, as a percentage of all students, by state/jurisdiction: 2019**

State/jurisdiction	Grade 4			Grade 8		
	Inclusion rate	95% confidence interval		Inclusion rate	95% confidence interval	
		Lower	Upper		Lower	Upper
<b>Nation (public)</b>	<b>98<sup>1</sup></b>	<b>97.9</b>	<b>98.2</b>	<b>98<sup>1</sup></b>	<b>98.3</b>	<b>98.5</b>
Alabama	98 <sup>1</sup>	97.8	98.9	99 <sup>1</sup>	98.1	99.1
Alaska	99 <sup>1</sup>	98.9	99.6	99 <sup>1</sup>	98.2	99.1
Arizona	99 <sup>1</sup>	98.4	99.4	98 <sup>1</sup>	97.2	99.0
Arkansas	99 <sup>1</sup>	98.0	99.3	98 <sup>1</sup>	97.6	98.7
California	97 <sup>1</sup>	96.3	97.8	98 <sup>1</sup>	97.8	98.9
Colorado	99 <sup>1</sup>	98.2	99.1	99 <sup>1</sup>	98.2	99.3
Connecticut	98 <sup>1</sup>	97.6	98.8	98 <sup>1</sup>	97.4	98.7
Delaware	98 <sup>1</sup>	97.9	98.8	98 <sup>1</sup>	97.6	98.6
Florida	98 <sup>1</sup>	96.7	98.2	98 <sup>1</sup>	97.3	98.6
Georgia	98 <sup>1</sup>	97.9	98.9	98 <sup>1</sup>	97.7	98.8
Hawaii	98 <sup>1</sup>	97.3	98.7	98 <sup>1</sup>	97.2	98.2
Idaho	99 <sup>1</sup>	98.2	99.1	99 <sup>1</sup>	98.2	99.1
Illinois	99 <sup>1</sup>	98.7	99.5	99 <sup>1</sup>	98.6	99.3
Indiana	99 <sup>1</sup>	97.9	99.0	98 <sup>1</sup>	97.5	98.9
Iowa	99 <sup>1</sup>	97.9	99.0	99 <sup>1</sup>	98.3	99.3
Kansas	99 <sup>1</sup>	97.9	99.1	99 <sup>1</sup>	98.1	99.1
Kentucky	98 <sup>1</sup>	97.8	98.6	98 <sup>1</sup>	97.6	98.7
Louisiana	98 <sup>1</sup>	97.3	98.7	98 <sup>1</sup>	96.9	98.4
Maine	99 <sup>1</sup>	98.5	99.3	99 <sup>1</sup>	98.2	99.2
Maryland	98 <sup>1</sup>	97.8	99.0	98 <sup>1</sup>	97.7	98.9
Massachusetts	98 <sup>1</sup>	96.7	98.2	98 <sup>1</sup>	96.9	98.2
Michigan	98 <sup>1</sup>	97.6	98.8	98 <sup>1</sup>	96.8	98.2
Minnesota	98 <sup>1</sup>	97.7	98.8	98 <sup>1</sup>	97.4	98.6
Mississippi	99 <sup>1</sup>	98.5	99.4	99 <sup>1</sup>	98.5	99.2
Missouri	99 <sup>1</sup>	98.2	99.3	99 <sup>1</sup>	98.9	99.5
Montana	99 <sup>1</sup>	98.2	99.1	99 <sup>1</sup>	98.6	99.4
Nebraska	99 <sup>1</sup>	98.1	99.1	99 <sup>1</sup>	98.3	99.2
Nevada	98 <sup>1</sup>	97.4	98.7	99 <sup>1</sup>	98.4	99.1
New Hampshire	99 <sup>1</sup>	98.1	99.1	99 <sup>1</sup>	98.4	99.3
New Jersey	98 <sup>1</sup>	97.4	98.9	98 <sup>1</sup>	97.5	98.7
New Mexico	98 <sup>1</sup>	97.9	98.9	98 <sup>1</sup>	97.4	98.7
New York	97 <sup>1</sup>	94.2	98.6	99 <sup>1</sup>	97.9	99.0
North Carolina	99 <sup>1</sup>	98.0	99.0	99 <sup>1</sup>	98.1	99.1
North Dakota	98 <sup>1</sup>	97.8	98.9	99 <sup>1</sup>	98.1	99.2
Ohio	97 <sup>1</sup>	96.5	98.1	98 <sup>1</sup>	97.9	98.8
Oklahoma	98 <sup>1</sup>	96.9	98.7	98 <sup>1</sup>	97.1	98.4
Oregon	99 <sup>1</sup>	98.2	99.1	99 <sup>1</sup>	97.7	99.0
Pennsylvania	98 <sup>1</sup>	96.7	98.1	99 <sup>1</sup>	98.0	98.9
Rhode Island	98 <sup>1</sup>	97.6	98.7	99 <sup>1</sup>	98.1	99.1
South Carolina	99 <sup>1</sup>	98.4	99.3	99 <sup>1</sup>	98.0	99.2
South Dakota	99 <sup>1</sup>	98.4	99.3	99 <sup>1</sup>	98.2	99.0
Tennessee	98 <sup>1</sup>	97.3	98.4	98 <sup>1</sup>	97.7	98.6
Texas	97 <sup>1</sup>	96.8	98.0	98 <sup>1</sup>	97.9	98.9
Utah	98 <sup>1</sup>	97.4	98.9	99 <sup>1</sup>	98.6	99.4
Vermont	99 <sup>1</sup>	98.3	99.2	99 <sup>1</sup>	97.9	99.0
Virginia	99 <sup>1</sup>	98.2	99.0	98 <sup>1</sup>	97.1	98.3
Washington	97 <sup>1</sup>	96.4	98.0	98 <sup>1</sup>	97.5	98.8
West Virginia	99 <sup>1</sup>	98.3	99.3	99 <sup>1</sup>	98.3	99.1
Wisconsin	99 <sup>1</sup>	98.4	99.1	99 <sup>1</sup>	98.2	99.1
Wyoming	99 <sup>1</sup>	98.6	99.4	98 <sup>1</sup>	97.7	98.8
Other jurisdictions						
District of Columbia	98 <sup>1</sup>	98.0	98.8	98 <sup>1</sup>	97.8	98.9
DoDEA <sup>2</sup>	98 <sup>1</sup>	97.9	98.8	99 <sup>1</sup>	98.0	99.1
Puerto Rico	100 <sup>1</sup>	99.7	100.0	100 <sup>1</sup>	99.7	100.0

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

<sup>2</sup> 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-11. Inclusion rate and standard error (SE) in NAEP mathematics for fourth- and eighth-grade public school students with disabilities (SD) and English language learners (ELL), as a percentage of identified SD or ELL students, by state/jurisdiction: 2019

State/jurisdiction	Percentage of identified SD or ELL students							
	Grade 4				Grade 8			
	SD		ELL		SD		ELL	
Inclusion rate	SE	Inclusion rate	SE	Inclusion rate	SE	Inclusion rate	SE	
<b>Nation (public)</b>	<b>89<sup>1</sup></b>	<b>0.5</b>	<b>95<sup>1</sup></b>	<b>0.3</b>	<b>91<sup>1</sup></b>	<b>0.4</b>	<b>93<sup>1</sup></b>	<b>0.4</b>
Alabama	92 <sup>1</sup>	1.4	91 <sup>1</sup>	2.8	90 <sup>1</sup>	1.8	‡	†
Alaska	98 <sup>1</sup>	0.7	98 <sup>1</sup>	0.8	93 <sup>1</sup>	1.4	96 <sup>1</sup>	1.2
Arizona	93 <sup>1</sup>	1.8	99 <sup>1</sup>	0.9	89 <sup>1</sup>	2.9	92 <sup>1</sup>	2.7
Arkansas	93 <sup>1</sup>	1.7	97 <sup>1</sup>	2.1	88 <sup>1</sup>	2.1	95 <sup>1</sup>	1.6
California	84 <sup>1</sup>	2.1	94 <sup>1</sup>	1.0	91 <sup>1</sup>	1.7	94 <sup>1</sup>	1.2
Colorado	94 <sup>1</sup>	1.5	95 <sup>1</sup>	0.9	92 <sup>1</sup>	1.8	95 <sup>1</sup>	1.9
Connecticut	93 <sup>1</sup>	1.7	93 <sup>1</sup>	1.5	91 <sup>1</sup>	1.6	86 <sup>1</sup>	5.0
Delaware	93 <sup>1</sup>	1.3	96 <sup>1</sup>	0.8	91 <sup>1</sup>	1.5	91 <sup>1</sup>	2.8
Florida	90 <sup>1</sup>	1.8	93 <sup>1</sup>	1.5	90 <sup>1</sup>	1.7	91 <sup>1</sup>	2.0
Georgia	89 <sup>1</sup>	1.8	96 <sup>1</sup>	1.3	88 <sup>1</sup>	2.0	96 <sup>1</sup>	2.1
Hawaii	89 <sup>1</sup>	2.4	94 <sup>1</sup>	1.7	86 <sup>1</sup>	2.2	83 <sup>1</sup>	3.0
Idaho	89 <sup>1</sup>	1.9	98 <sup>1</sup>	1.0	89 <sup>1</sup>	2.0	96 <sup>1</sup>	2.2
Illinois	95 <sup>1</sup>	1.2	98 <sup>1</sup>	0.7	94 <sup>1</sup>	1.1	95 <sup>1</sup>	2.0
Indiana	92 <sup>1</sup>	1.5	96 <sup>1</sup>	1.2	91 <sup>1</sup>	1.8	93 <sup>1</sup>	3.7
Iowa	92 <sup>1</sup>	1.8	93 <sup>1</sup>	2.3	92 <sup>1</sup>	1.7	97 <sup>1</sup>	1.7
Kansas	92 <sup>1</sup>	1.9	97 <sup>1</sup>	1.1	92 <sup>1</sup>	1.6	95 <sup>1</sup>	1.7
Kentucky	90 <sup>1</sup>	1.3	91 <sup>1</sup>	2.1	88 <sup>1</sup>	2.2	87 <sup>1</sup>	4.3
Louisiana	86 <sup>1</sup>	2.7	95 <sup>1</sup>	2.4	83 <sup>1</sup>	2.9	89 <sup>1</sup>	4.9
Maine	95 <sup>1</sup>	1.1	96 <sup>1</sup>	1.5	94 <sup>1</sup>	1.3	‡	†
Maryland	92 <sup>1</sup>	1.8	96 <sup>1</sup>	1.1	89 <sup>1</sup>	2.3	92 <sup>1</sup>	2.6
Massachusetts	91 <sup>1</sup>	1.5	92 <sup>1</sup>	1.8	91 <sup>1</sup>	1.2	84 <sup>1</sup>	3.2
Michigan	87 <sup>1</sup>	2.3	97 <sup>1</sup>	1.0	82 <sup>1</sup>	2.5	95 <sup>1</sup>	1.8
Minnesota	90 <sup>1</sup>	1.8	98 <sup>1</sup>	0.8	88 <sup>1</sup>	1.8	93 <sup>1</sup>	2.8
Mississippi	94 <sup>1</sup>	1.4	95 <sup>1</sup>	2.6	92 <sup>1</sup>	1.2	‡	†
Missouri	93 <sup>1</sup>	1.5	95 <sup>1</sup>	2.2	95 <sup>1</sup>	1.2	‡	†
Montana	92 <sup>1</sup>	1.4	96 <sup>1</sup>	2.3	93 <sup>1</sup>	1.4	‡	†
Nebraska	94 <sup>1</sup>	1.4	96 <sup>1</sup>	1.4	93 <sup>1</sup>	1.4	94 <sup>1</sup>	2.5
Nevada	88 <sup>1</sup>	2.3	97 <sup>1</sup>	0.8	93 <sup>1</sup>	1.4	95 <sup>1</sup>	1.3
New Hampshire	93 <sup>1</sup>	1.4	95 <sup>1</sup>	2.3	94 <sup>1</sup>	1.2	‡	†
New Jersey	92 <sup>1</sup>	2.0	94 <sup>1</sup>	1.9	95 <sup>1</sup>	1.4	81 <sup>1</sup>	3.6
New Mexico	92 <sup>1</sup>	1.4	98 <sup>1</sup>	0.6	91 <sup>1</sup>	1.7	94 <sup>1</sup>	1.2
New York	87 <sup>1</sup>	4.5	90 <sup>1</sup>	2.3	94 <sup>1</sup>	1.3	90 <sup>1</sup>	2.2
North Carolina	89 <sup>1</sup>	1.9	97 <sup>1</sup>	1.0	92 <sup>1</sup>	1.8	90 <sup>1</sup>	2.5
North Dakota	91 <sup>1</sup>	1.8	94 <sup>1</sup>	2.3	91 <sup>1</sup>	1.9	‡	†
Ohio	85 <sup>1</sup>	2.3	88 <sup>1</sup>	4.1	89 <sup>1</sup>	1.5	95 <sup>1</sup>	2.4
Oklahoma	89 <sup>1</sup>	2.0	96 <sup>1</sup>	1.7	88 <sup>1</sup>	2.0	91 <sup>1</sup>	2.5
Oregon	93 <sup>1</sup>	1.3	96 <sup>1</sup>	1.6	91 <sup>1</sup>	2.0	93 <sup>1</sup>	2.1
Pennsylvania	88 <sup>1</sup>	1.8	93 <sup>1</sup>	1.4	92 <sup>1</sup>	1.2	95 <sup>1</sup>	1.8
Rhode Island	93 <sup>1</sup>	1.5	93 <sup>1</sup>	1.3	95 <sup>1</sup>	1.1	91 <sup>1</sup>	2.2
South Carolina	94 <sup>1</sup>	1.3	94 <sup>1</sup>	2.1	92 <sup>1</sup>	1.8	97 <sup>1</sup>	1.3
South Dakota	95 <sup>1</sup>	1.1	96 <sup>1</sup>	1.9	90 <sup>1</sup>	1.6	‡	†
Tennessee	89 <sup>1</sup>	1.5	92 <sup>1</sup>	2.6	88 <sup>1</sup>	1.6	86 <sup>1</sup>	3.6
Texas	79	2.6	97 <sup>1</sup>	0.7	88 <sup>1</sup>	2.3	97 <sup>1</sup>	0.8
Utah	90 <sup>1</sup>	2.4	95 <sup>1</sup>	1.4	94 <sup>1</sup>	1.4	95 <sup>1</sup>	1.7
Vermont	95 <sup>1</sup>	1.1	93 <sup>1</sup>	2.5	92 <sup>1</sup>	1.4	‡	†
Virginia	92 <sup>1</sup>	1.5	96 <sup>1</sup>	1.2	86 <sup>1</sup>	1.9	88 <sup>1</sup>	3.2
Washington	83 <sup>1</sup>	2.7	94 <sup>1</sup>	1.3	92 <sup>1</sup>	1.5	90 <sup>1</sup>	2.9
West Virginia	95 <sup>1</sup>	1.2	‡	†	92 <sup>1</sup>	1.3	‡	†
Wisconsin	92 <sup>1</sup>	1.3	98 <sup>1</sup>	0.9	92 <sup>1</sup>	1.7	92 <sup>1</sup>	2.2
Wyoming	95 <sup>1</sup>	1.3	96 <sup>1</sup>	2.1	88 <sup>1</sup>	1.8	‡	†
Other jurisdictions								
District of Columbia	93 <sup>1</sup>	1.1	95 <sup>1</sup>	1.1	94 <sup>1</sup>	1.2	89 <sup>1</sup>	2.6
DoDEA <sup>2</sup>	93 <sup>1</sup>	1.5	92 <sup>1</sup>	1.6	90 <sup>1</sup>	2.1	93 <sup>1</sup>	2.5
Puerto Rico	100 <sup>1</sup>	†	‡	†	100 <sup>1</sup>	0.2	‡	†

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

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

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

<sup>2</sup> 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. 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), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-12. Inclusion rate and confidence interval in NAEP mathematics for fourth- and eighth-grade public school students, as a percentage of all students, by urban district/jurisdiction: 2019

Urban district/jurisdiction	Grade 4			Grade 8		
	Inclusion rate	95% confidence interval		Inclusion rate	95% confidence interval	
		Lower	Upper		Lower	Upper
<b>Nation (public)</b>	<b>98<sup>2</sup></b>	<b>97.9</b>	<b>98.2</b>	<b>98<sup>2</sup></b>	<b>98.3</b>	<b>98.5</b>
<b>Large city<sup>1</sup> (public)</b>	<b>97<sup>2</sup></b>	<b>96.5</b>	<b>98.0</b>	<b>98<sup>2</sup></b>	<b>97.9</b>	<b>98.5</b>
Albuquerque	98 <sup>2</sup>	97.3	99.0	98 <sup>2</sup>	96.6	98.6
Atlanta	99 <sup>2</sup>	98.0	99.3	99 <sup>2</sup>	98.0	99.2
Austin	97 <sup>2</sup>	96.2	98.3	98 <sup>2</sup>	97.5	99.1
Baltimore City	98 <sup>2</sup>	97.5	98.8	98 <sup>2</sup>	97.5	98.9
Boston	96 <sup>2</sup>	95.2	97.3	95 <sup>2</sup>	93.4	95.6
Charlotte	98 <sup>2</sup>	96.9	98.9	98 <sup>2</sup>	96.7	98.4
Chicago	98 <sup>2</sup>	97.3	99.0	99 <sup>2</sup>	97.5	99.2
Clark County (NV)	98 <sup>2</sup>	97.5	98.9	99 <sup>2</sup>	98.1	99.2
Cleveland	96 <sup>2</sup>	95.3	97.4	95 <sup>2</sup>	93.6	96.3
Dallas	97 <sup>2</sup>	94.9	97.8	98 <sup>2</sup>	96.6	98.3
Denver	98 <sup>2</sup>	97.2	98.9	99 <sup>2</sup>	97.9	99.1
Detroit	95 <sup>2</sup>	94.1	96.6	94	92.3	94.7
District of Columbia (DCPS)	98 <sup>2</sup>	96.9	98.2	98 <sup>2</sup>	96.7	98.4
Duval County (FL)	98 <sup>2</sup>	96.5	98.8	97 <sup>2</sup>	96.5	98.2
Fort Worth	98 <sup>2</sup>	96.8	98.5	99 <sup>2</sup>	97.7	99.1
Fresno	98 <sup>2</sup>	96.6	98.5	99 <sup>2</sup>	98.2	99.3
Guilford County (NC)	99 <sup>2</sup>	98.0	99.3	99 <sup>2</sup>	98.6	99.7
Hillsborough County (FL)	97 <sup>2</sup>	96.0	97.8	99 <sup>2</sup>	97.7	99.2
Houston	98 <sup>2</sup>	96.7	98.5	98 <sup>2</sup>	97.1	98.3
Jefferson County (KY)	97 <sup>2</sup>	95.8	98.2	98 <sup>2</sup>	97.1	98.7
Los Angeles	98 <sup>2</sup>	96.4	98.6	98 <sup>2</sup>	97.3	98.4
Miami-Dade	96 <sup>2</sup>	95.1	97.5	98 <sup>2</sup>	96.7	98.7
Milwaukee	98 <sup>2</sup>	96.7	98.4	97 <sup>2</sup>	95.8	97.9
New York City	96 <sup>2</sup>	85.9	98.8	99 <sup>2</sup>	98.5	99.3
Philadelphia	94 <sup>2</sup>	92.5	95.5	95 <sup>2</sup>	92.4	96.6
San Diego	98 <sup>2</sup>	96.6	98.4	98 <sup>2</sup>	97.1	98.7
Shelby County (TN)	98 <sup>2</sup>	96.5	98.8	98 <sup>2</sup>	97.1	98.7

<sup>1</sup> Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

<sup>2</sup> The urban district/jurisdiction's inclusion rate is higher than or not significantly different from the National Assessment Governing Board goal of 95 percent.

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. DCPS = District of Columbia Public Schools.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-13. Inclusion rate and standard error (SE) in NAEP mathematics for fourth- and eighth-grade public school students with disabilities (SD) and English language learners (ELL), as a percentage of identified SD and ELL students, by urban district/jurisdiction: 2019

Urban district/jurisdiction	Percentage of identified SD or ELL students							
	Grade 4				Grade 8			
	SD		ELL		SD		ELL	
	Inclusion rate	SE	Inclusion rate	SE	Inclusion rate	SE	Inclusion rate	SE
<b>Nation (public)</b>	<b>89<sup>2</sup></b>	<b>0.5</b>	<b>95<sup>2</sup></b>	<b>0.3</b>	<b>91<sup>2</sup></b>	<b>0.4</b>	<b>93<sup>2</sup></b>	<b>0.4</b>
<b>Large city<sup>1</sup> (public)</b>	<b>86<sup>2</sup></b>	<b>1.7</b>	<b>94<sup>2</sup></b>	<b>0.7</b>	<b>90<sup>2</sup></b>	<b>0.9</b>	<b>94<sup>2</sup></b>	<b>0.6</b>
Albuquerque	94 <sup>2</sup>	1.7	97 <sup>2</sup>	1.2	90 <sup>2</sup>	2.1	97 <sup>2</sup>	1.5
Atlanta	92 <sup>2</sup>	2.3	92 <sup>2</sup>	3.6	93 <sup>2</sup>	1.8	†	†
Austin	87 <sup>2</sup>	2.6	97 <sup>2</sup>	1.0	93 <sup>2</sup>	1.7	96 <sup>2</sup>	1.3
Baltimore City	97 <sup>2</sup>	1.4	85 <sup>2</sup>	2.8	96 <sup>2</sup>	1.5	†	†
Boston	89 <sup>2</sup>	1.7	93 <sup>2</sup>	1.2	85 <sup>2</sup>	2.3	86 <sup>2</sup>	1.8
Charlotte	83 <sup>2</sup>	4.3	96 <sup>2</sup>	1.3	90 <sup>2</sup>	3.2	84 <sup>2</sup>	3.5
Chicago	91 <sup>2</sup>	2.7	96 <sup>2</sup>	0.9	94 <sup>2</sup>	2.1	94 <sup>2</sup>	1.7
Clark County (NV)	90 <sup>2</sup>	2.3	97 <sup>2</sup>	1.0	92 <sup>2</sup>	2.0	95 <sup>2</sup>	1.4
Cleveland	84 <sup>2</sup>	2.2	95 <sup>2</sup>	1.7	81	2.4	92 <sup>2</sup>	2.3
Dallas	77 <sup>2</sup>	5.3	97 <sup>2</sup>	0.8	84 <sup>2</sup>	3.1	96 <sup>2</sup>	0.9
Denver	88 <sup>2</sup>	3.0	97 <sup>2</sup>	0.9	93 <sup>2</sup>	2.5	96 <sup>2</sup>	1.0
Detroit	73	3.6	94 <sup>2</sup>	1.8	68	3.0	96 <sup>2</sup>	1.5
District of Columbia (DCPS)	90 <sup>2</sup>	1.6	94 <sup>2</sup>	1.4	91 <sup>2</sup>	2.0	87 <sup>2</sup>	3.4
Duval County (FL)	92 <sup>2</sup>	2.3	92 <sup>2</sup>	4.4	85 <sup>2</sup>	2.7	†	†
Fort Worth	84 <sup>2</sup>	3.2	99 <sup>2</sup>	0.5	84 <sup>2</sup>	3.5	99 <sup>2</sup>	0.4
Fresno	83 <sup>2</sup>	3.3	97 <sup>2</sup>	0.9	94 <sup>2</sup>	2.1	96 <sup>2</sup>	1.6
Guilford County (NC)	93 <sup>2</sup>	2.2	98 <sup>2</sup>	1.1	94 <sup>2</sup>	2.1	†	†
Hillsborough County (FL)	88 <sup>2</sup>	1.9	92 <sup>2</sup>	2.5	94 <sup>2</sup>	2.3	96 <sup>2</sup>	2.0
Houston	78 <sup>2</sup>	4.6	98 <sup>2</sup>	0.6	83 <sup>2</sup>	3.4	96 <sup>2</sup>	0.8
Jefferson County (KY)	86 <sup>2</sup>	3.2	89 <sup>2</sup>	2.8	86 <sup>2</sup>	3.5	90 <sup>2</sup>	3.9
Los Angeles	89 <sup>2</sup>	2.6	94 <sup>2</sup>	1.4	90 <sup>2</sup>	2.0	90 <sup>2</sup>	1.7
Miami-Dade	85 <sup>2</sup>	3.3	92 <sup>2</sup>	1.4	86 <sup>2</sup>	3.5	93 <sup>2</sup>	1.6
Milwaukee	91 <sup>2</sup>	1.7	96 <sup>2</sup>	1.6	88 <sup>2</sup>	2.3	93 <sup>2</sup>	2.2
New York City	87 <sup>2</sup>	8.5	89 <sup>2</sup>	3.6	98 <sup>2</sup>	0.7	94 <sup>2</sup>	1.7
Philadelphia	75	3.4	85 <sup>2</sup>	2.4	80 <sup>2</sup>	3.6	83 <sup>2</sup>	3.3
San Diego	88 <sup>2</sup>	2.6	95 <sup>2</sup>	1.2	87 <sup>2</sup>	3.0	95 <sup>2</sup>	1.7
Shelby County (TN)	81 <sup>2</sup>	4.8	95 <sup>2</sup>	2.1	86 <sup>2</sup>	2.9	91 <sup>2</sup>	3.0

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

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

<sup>1</sup> Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

<sup>2</sup> The urban district/jurisdiction's inclusion rate is higher than or not significantly different from the National Assessment Governing Board goal of 85 percent.

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. DCPS = District of Columbia Public Schools. SD includes students identified as having an Individualized Education Program but excludes other students protected 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), 2019 Mathematics Assessment.

# National Center for Education Statistics

## 2019 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

**Table A-14. Percentage of fourth- and 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 when accommodations were not permitted: 1992 and 1996**

Grade and SD/ELL category	1992	1996
<b>Grade 4</b>		
<b>SD and/or ELL</b>		
Identified	9	14
Excluded	6	6
Assessed	3	8
<b>SD</b>		
Identified	7	11
Excluded	4	5
Assessed	3	6
<b>ELL</b>		
Identified	3	3
Excluded	2	1
Assessed	1	2
<b>Grade 8</b>		
<b>SD and/or ELL</b>		
Identified	9	11
Excluded	6	4
Assessed	4	6
<b>SD</b>		
Identified	7	9
Excluded	4	4
Assessed	3	5
<b>ELL</b>		
Identified	2	3
Excluded	2	1
Assessed	1	2

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. 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), 1992 and 1996 Mathematics Assessments.

# National Center for Education Statistics

2019 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

**Table A-15. Percentage of fourth- and 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 when accommodations were permitted: Various years, 1996–2019**

Grade and SD/ELL category	1996	2000	2003	2005	2007	2009	2011	2013	2015	2017	2019
<b>Grade 4</b>											
<b>SD and/or ELL</b>											
Identified	15	18	21	21	21	21	22	22	23	24	25
Excluded	4	4	4	3	3	2	2	1	2	2	2
Assessed	11	14	17	18	19	19	20	20	22	22	24
Without accommodations	7	9	9	9	9	8	8	7	8	10	9
With accommodations	5	5	8	9	10	10	12	13	14	12	14
<b>SD</b>											
Identified	10	12	13	13	13	13	13	13	14	14	15
Excluded	3	3	3	2	2	2	2	1	1	1	1
Assessed	7	9	10	10	10	11	11	12	13	12	14
Without accommodations	4	5	4	3	3	3	2	2	2	3	3
With accommodations	4	4	6	7	7	8	8	10	10	9	10
<b>ELL</b>											
Identified	6	7	10	10	10	10	11	10	11	11	12
Excluded	1	1	1	1	1	1	#	#	1	1	1
Assessed	5	6	8	8	9	9	10	10	10	11	12
Without accommodations	3	4	6	6	6	6	6	5	6	6	7
With accommodations	2	1	2	2	3	3	4	5	5	4	5
<b>Grade 8</b>											
<b>SD and/or ELL</b>											
Identified	12	13	17	17	17	17	17	16	18	19	20
Excluded	3	4	3	3	4	3	2	1	2	2	1
Assessed	8	10	14	14	13	14	14	15	16	17	18
Without accommodations	6	7	7	6	6	5	4	3	4	5	6
With accommodations	3	3	6	8	7	9	10	12	12	12	13
<b>SD</b>											
Identified	9	10	13	12	12	12	12	12	13	13	14
Excluded	3	3	3	3	3	3	2	1	1	1	1
Assessed	6	7	10	10	8	9	10	11	12	12	13
Without accommodations	4	5	4	3	2	2	2	1	1	2	2
With accommodations	2	2	6	7	6	8	8	10	10	10	11
<b>ELL</b>											
Identified	3	4	6	6	6	5	6	5	6	7	7
Excluded	1	1	1	1	1	#	#	#	#	1	#
Assessed	2	3	5	5	5	5	5	5	6	6	7
Without accommodations	2	2	4	4	4	3	3	2	3	3	4
With accommodations	#	1	1	1	2	2	2	3	3	3	3

# 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. 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), various years, 1996–2019 Mathematics Assessments.



# National Center for Education Statistics

## 2019 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

**Table A-16. Percentage of fourth- and 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 grade and SD/ELL category: 2019**

Grade and SD/ELL category	Percentage of identified SD and/or ELL students			
	Excluded	Assessed	Assessed without accom-modations	Assessed with accom-modations
<b>Grade 4</b>				
SD and/or ELL	7	93	37	56
SD	10	90	21	69
ELL	5	95	53	42
<b>Grade 8</b>				
SD and/or ELL	7	93	29	64
SD	8	92	15	77
ELL	7	93	52	41

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. 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), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-17. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: 1992, 1996, and 2000

State/jurisdiction	1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	<b>10</b>	<b>7</b>	<b>4</b>	<b>16</b>	<b>6</b>	<b>9</b>	<b>16</b>	<b>7</b>	<b>9</b>
Alabama	10	5	6	12	6	5	13	6	7
Alaska	—	—	—	20	4	16	—	—	—
Arizona	15	5	10	21	12	9	25	12	13
Arkansas	12	5	6	10	7	3	14	7	7
California	28	12	16	33	16	17	33	9	24
Colorado	10	5	5	15	8	7	—	—	—
Connecticut	14	7	7	16	8	8	15	10	5
Delaware	12	5	6	14	7	7	—	—	—
Florida	17	8	8	19	10	9	—	—	—
Georgia	10	5	4	13	7	6	11	7	4
Hawaii	13	6	8	14	6	9	19	10	9
Idaho	9	3	6	—	—	—	16	6	10
Illinois	—	—	—	—	—	—	17	10	6
Indiana	7	3	4	11	5	6	11	7	5
Iowa	9	3	6	13	6	7	15	10	5
Kansas	—	—	—	—	—	—	16	7	9
Kentucky	8	3	5	10	6	4	12	8	3
Louisiana	8	4	4	14	8	7	16	8	8
Maine	14	6	8	15	8	7	16	10	6
Maryland	11	4	7	14	8	7	12	9	4
Massachusetts	18	7	11	18	9	9	19	10	9
Michigan	7	5	2	11	6	5	11	8	3
Minnesota	9	3	6	14	6	8	16	6	10
Mississippi	7	5	2	8	6	2	6	4	2
Missouri	12	4	7	14	5	9	15	10	6
Montana	—	—	—	10	5	5	12	5	7
Nebraska	13	4	8	15	5	10	18	8	10
Nevada	—	—	—	16	9	8	20	10	9
New Hampshire	12	4	8	—	—	—	—	—	—
New Jersey	11	6	6	11	6	5	—	—	—
New Mexico	15	7	8	22	12	10	31	12	19
New York	12	5	6	15	8	7	16	12	4
North Carolina	12	4	8	14	7	7	16	13	3
North Dakota	9	2	7	11	4	7	12	6	6
Ohio	10	6	4	—	—	—	12	10	2
Oklahoma	13	7	6	—	—	—	20	10	10
Oregon	—	—	—	19	9	10	18	8	11
Pennsylvania	9	4	5	9	5	4	—	—	—
Rhode Island	15	6	10	18	6	12	23	12	11
South Carolina	10	5	5	12	6	7	17	7	10
Tennessee	12	4	8	13	6	6	11	4	7
Texas	17	8	9	24	10	14	25	15	10
Utah	10	4	6	13	6	7	14	7	7
Vermont	—	—	—	14	6	8	15	11	5
Virginia	11	5	6	14	7	7	16	11	5
Washington	—	—	—	13	5	8	—	—	—
West Virginia	9	4	4	13	8	5	13	10	3
Wisconsin	11	5	5	12	8	4	19	12	8
Wyoming	10	4	7	13	4	9	15	6	9
Other jurisdictions									
District of Columbia	11	9	2	14	11	3	19	9	10
DoDEA <sup>1</sup>	—	—	—	9	4	5	11	5	6

— Not available.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1992 to 2000. 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), 1992, 1996, and 2000 Mathematics Assessments.

# National Center for Education Statistics

2019 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

**Table A-18. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19**

State/jurisdiction	2000					2003				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>19</b>	<b>4</b>	<b>15</b>	<b>10</b>	<b>5</b>	<b>22</b>	<b>4</b>	<b>18</b>	<b>10</b>	<b>8</b>
Alabama	13	3	10	7	3	12	2	10	8	2
Alaska	—	—	—	—	—	31	1	30	20	10
Arizona	25	4	21	12	9	27	5	23	18	5
Arkansas	14	4	10	6	4	17	2	14	7	8
California	33	6	27	19	8	38	3	35	31	4
Colorado	—	—	—	—	—	20	2	17	7	11
Connecticut	14	5	10	5	4	16	4	12	5	8
Delaware	—	—	—	—	—	18	7	11	4	7
Florida	—	—	—	—	—	26	3	23	8	15
Georgia	11	3	8	4	4	16	2	14	6	7
Hawaii	19	9	11	8	3	17	3	14	5	8
Idaho	16	2	13	7	7	18	2	16	9	7
Illinois	17	3	14	5	9	23	4	18	7	11
Indiana	11	2	9	3	6	17	2	14	8	7
Iowa	15	2	12	5	7	18	3	15	4	11
Kansas	16	3	13	9	4	16	2	14	3	11
Kentucky	12	3	9	4	5	14	3	11	5	7
Louisiana	16	3	13	2	11	22	3	19	3	16
Maine	16	5	12	5	7	18	3	15	4	11
Maryland	12	2	10	4	6	16	4	12	6	6
Massachusetts	19	3	17	7	10	22	3	19	4	15
Michigan	11	3	8	3	4	15	4	11	5	6
Minnesota	16	2	14	7	7	18	3	16	8	7
Mississippi	6	3	3	1	2	10	5	5	4	1
Missouri	15	3	13	5	8	17	4	13	4	10
Montana	12	2	11	5	6	16	2	14	7	7
Nebraska	18	3	15	10	4	20	3	17	9	9
Nevada	20	7	13	8	5	26	4	22	14	8
New Hampshire	—	—	—	—	—	20	3	17	5	12
New Jersey	—	—	—	—	—	18	2	16	1	14
New Mexico	31	6	26	16	10	40	4	36	22	15
New York	16	5	11	2	9	19	5	14	2	11
North Carolina	16	5	11	3	8	21	4	17	5	12
North Dakota	12	1	11	7	4	18	2	16	8	7
Ohio	12	5	7	2	5	13	4	9	2	7
Oklahoma	20	5	15	11	5	22	4	18	10	8
Oregon	18	3	16	8	8	27	4	23	11	11
Pennsylvania	—	—	—	—	—	15	3	12	3	9
Rhode Island	23	3	20	10	10	27	3	24	9	15
South Carolina	17	5	12	7	5	18	6	12	7	4
South Dakota	—	—	—	—	—	18	1	16	9	7
Tennessee	11	3	9	7	1	14	3	11	7	5
Texas	25	7	18	12	6	27	7	20	14	6
Utah	14	3	11	7	4	21	3	19	11	7
Vermont	15	3	13	4	9	18	4	14	4	10
Virginia	16	4	12	5	7	19	6	13	5	8
Washington	—	—	—	—	—	19	3	16	8	8
West Virginia	13	3	11	3	8	15	3	12	3	9
Wisconsin	19	5	14	7	8	20	4	16	4	12
Wyoming	15	2	13	8	6	18	1	17	6	11
Other jurisdictions										
District of Columbia	19	5	14	7	7	18	4	14	4	10
DoDEA <sup>1</sup>	11	3	8	4	4	14	1	13	6	7
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-18. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005					2007				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>23</b>	<b>3</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>23</b>	<b>3</b>	<b>20</b>	<b>10</b>	<b>10</b>
Alabama	13	1	12	9	3	13	2	12	8	4
Alaska	32	2	30	15	15	30	2	28	13	15
Arizona	29	4	25	17	8	25	3	22	14	7
Arkansas	16	3	13	5	8	18	3	15	4	11
California	39	4	35	31	5	40	2	38	33	5
Colorado	22	3	19	5	14	25	2	24	9	15
Connecticut	16	2	14	4	10	18	1	17	4	13
Delaware	20	8	12	5	7	20	5	15	5	10
Florida	25	3	21	5	17	22	3	18	2	16
Georgia	16	2	14	6	8	15	2	13	4	9
Hawaii	18	3	16	6	9	19	1	18	7	11
Idaho	18	1	17	9	8	18	2	16	8	8
Illinois	22	3	20	9	10	23	5	18	8	10
Indiana	18	2	16	5	11	22	3	19	7	12
Iowa	18	2	16	4	12	17	1	16	4	12
Kansas	19	3	16	6	10	20	3	17	7	10
Kentucky	15	3	13	3	9	17	3	14	6	8
Louisiana	24	4	20	3	18	19	2	16	3	13
Maine	20	4	16	5	12	19	3	16	4	12
Maryland	17	4	13	5	9	16	4	12	4	9
Massachusetts	24	4	19	6	13	23	5	18	6	12
Michigan	17	4	13	4	9	15	3	12	5	7
Minnesota	19	2	17	9	9	21	2	18	8	10
Mississippi	11	2	9	5	4	11	1	10	5	6
Missouri	18	2	16	6	10	16	4	13	5	8
Montana	14	2	12	4	8	16	2	14	5	9
Nebraska	23	2	21	9	12	23	3	20	10	10
Nevada	26	3	23	13	10	32	3	29	16	13
New Hampshire	22	2	20	5	14	21	2	18	4	14
New Jersey	18	3	15	4	11	18	2	16	2	14
New Mexico	36	3	33	15	18	32	4	29	14	15
New York	20	4	17	2	14	22	2	20	2	17
North Carolina	21	2	18	4	14	21	2	19	5	14
North Dakota	17	3	14	6	8	17	4	13	5	9
Ohio	13	3	9	2	8	17	5	12	3	9
Oklahoma	21	4	17	7	10	19	5	14	7	7
Oregon	27	4	23	11	11	26	3	23	9	14
Pennsylvania	18	3	15	4	11	18	2	16	5	11
Rhode Island	26	3	23	8	15	25	2	23	7	16
South Carolina	16	4	12	7	5	17	2	15	7	8
South Dakota	19	2	17	9	8	19	1	17	9	8
Tennessee	13	3	10	4	6	16	6	10	5	5
Texas	27	6	21	13	8	26	5	21	12	9
Utah	23	2	20	11	9	22	2	20	11	9
Vermont	18	3	15	5	10	19	2	16	4	12
Virginia	22	5	17	5	12	22	5	17	7	10
Washington	21	3	18	8	10	22	3	19	8	11
West Virginia	20	2	17	9	8	18	1	17	8	8
Wisconsin	19	2	17	5	12	21	3	18	5	13
Wyoming	19	2	17	6	11	18	2	16	6	10
Other jurisdictions										
District of Columbia	20	6	14	4	10	20	6	14	2	13
DoDEA <sup>1</sup>	17	2	15	6	8	17	2	15	6	9
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

**Table A-18. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued**

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>23</b>	<b>2</b>	<b>20</b>	<b>9</b>	<b>11</b>	<b>23</b>	<b>2</b>	<b>21</b>	<b>9</b>	<b>12</b>
Alabama	12	1	11	8	4	12	1	11	6	4
Alaska	25	1	24	6	17	27	3	25	7	18
Arizona	26	1	24	11	14	22	1	21	5	15
Arkansas	17	1	16	4	12	20	1	19	5	14
California	36	2	34	28	5	38	2	36	29	7
Colorado	21	2	19	6	13	25	1	24	9	14
Connecticut	18	2	16	2	14	19	1	17	2	16
Delaware	18	3	15	2	13	19	4	15	3	12
Florida	23	2	21	4	18	23	2	22	3	19
Georgia	14	1	13	4	9	16	2	15	4	10
Hawaii	20	1	18	5	13	20	2	18	7	11
Idaho	15	1	14	5	8	15	1	13	5	9
Illinois	22	3	19	6	13	21	2	18	6	13
Indiana	19	2	17	6	11	22	2	20	6	14
Iowa	18	2	16	3	13	19	1	18	3	15
Kansas	22	3	19	7	12	24	2	23	10	13
Kentucky	17	3	14	5	8	16	3	13	5	9
Louisiana	22	2	20	4	16	22	2	20	3	18
Maine	20	2	18	3	15	20	2	19	4	15
Maryland	19	5	14	3	12	19	6	13	2	11
Massachusetts	24	5	19	7	13	25	3	21	6	15
Michigan	17	3	14	6	8	16	2	14	6	9
Minnesota	21	2	19	8	11	23	1	22	9	13
Mississippi	10	1	9	3	6	11	1	10	5	6
Missouri	16	3	14	5	9	16	2	15	5	10
Montana	14	2	13	4	9	14	2	12	4	8
Nebraska	24	3	21	10	11	23	2	22	8	14
Nevada	30	3	27	11	17	35	2	33	11	22
New Hampshire	21	2	18	3	15	19	2	17	2	15
New Jersey	19	3	16	2	14	20	3	16	2	14
New Mexico	26	2	24	8	15	27	3	24	9	15
New York	22	1	21	1	20	23	1	22	1	21
North Carolina	19	2	17	4	13	21	2	19	7	12
North Dakota	17	4	14	4	9	17	4	13	4	9
Ohio	16	3	13	2	11	17	2	15	2	13
Oklahoma	19	4	15	6	8	21	8	12	6	7
Oregon	26	3	23	8	15	28	3	25	10	15
Pennsylvania	18	3	15	4	11	18	1	16	4	13
Rhode Island	22	2	20	5	15	19	1	18	5	13
South Carolina	19	2	17	7	10	18	1	17	7	10
South Dakota	16	2	14	6	8	19	2	18	9	9
Tennessee	16	3	12	3	9	17	3	13	3	10
Texas	29	3	26	18	8	30	4	26	18	8
Utah	19	2	17	6	11	19	2	17	6	10
Vermont	21	2	18	4	14	19	2	18	3	15
Virginia	20	2	18	5	13	19	2	17	5	12
Washington	21	2	19	8	12	22	2	20	7	14
West Virginia	17	2	16	7	9	18	2	16	8	9
Wisconsin	20	2	18	4	15	21	2	19	4	16
Wyoming	18	1	17	5	12	19	2	17	5	12
Other jurisdictions										
District of Columbia	20	4	16	3	13	21	5	16	2	14
DoDEA <sup>1</sup>	18	2	16	6	10	19	3	16	5	10
Puerto Rico	—	—	—	—	—	25	#	24	1	23

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-18. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>23</b>	<b>2</b>	<b>21</b>	<b>7</b>	<b>14</b>	<b>24</b>	<b>2</b>	<b>23</b>	<b>8</b>	<b>14</b>
Alabama	12	1	11	6	5	14	1	13	7	6
Alaska	27	1	26	4	22	27	1	26	7	18
Arizona	17	1	15	2	13	21	1	20	4	16
Arkansas	21	1	20	5	15	21	1	20	4	16
California	32	2	30	22	9	35	2	33	26	7
Colorado	23	1	21	9	12	24	2	22	11	11
Connecticut	19	1	17	2	16	19	1	18	4	14
Delaware	18	2	16	2	14	20	2	19	5	14
Florida	25	2	23	2	20	26	2	24	2	21
Georgia	16	1	15	3	11	19	2	18	4	14
Hawaii	17	1	16	5	11	16	2	14	6	8
Idaho	15	1	13	4	10	15	2	14	4	10
Illinois	20	1	19	4	15	22	1	21	6	14
Indiana	22	2	20	3	17	23	1	22	5	17
Iowa	18	1	17	3	14	20	1	19	3	16
Kansas	26	2	25	10	15	28	1	26	14	13
Kentucky	15	1	14	3	11	19	2	17	5	12
Louisiana	22	1	21	3	18	24	2	22	3	19
Maine	22	2	20	2	17	22	2	20	3	17
Maryland	21	1	20	2	17	21	1	19	4	15
Massachusetts	27	2	25	8	17	27	2	25	8	18
Michigan	20	2	18	7	11	19	3	16	6	10
Minnesota	22	1	20	10	11	23	2	21	11	9
Mississippi	12	1	11	4	7	14	1	13	5	8
Missouri	16	1	14	3	11	16	1	15	6	10
Montana	15	2	13	5	9	14	1	13	5	8
Nebraska	22	2	21	6	14	23	1	22	6	16
Nevada	31	1	30	7	23	33	2	31	11	20
New Hampshire	18	1	17	2	15	21	1	20	3	16
New Jersey	19	1	18	1	17	21	2	19	2	17
New Mexico	28	1	27	10	17	29	2	26	9	17
New York	22	1	21	1	20	25	1	23	1	22
North Carolina	20	1	19	5	14	19	1	18	5	13
North Dakota	16	3	13	3	10	15	2	13	4	9
Ohio	17	1	16	3	14	19	2	17	2	16
Oklahoma	22	2	20	6	14	24	2	21	8	14
Oregon	27	2	24	9	15	25	2	23	9	14
Pennsylvania	18	2	17	4	13	21	2	20	5	14
Rhode Island	19	1	18	3	15	20	2	18	5	13
South Carolina	20	1	19	7	12	21	1	20	8	12
South Dakota	19	1	17	7	11	19	1	18	7	11
Tennessee	18	1	16	3	14	20	2	18	4	14
Texas	33	2	31	13	18	34	3	32	12	19
Utah	18	1	16	4	13	16	1	15	7	8
Vermont	19	1	18	2	16	20	2	19	3	16
Virginia	19	2	18	5	13	18	2	17	4	13
Washington	22	2	20	6	14	24	1	23	9	14
West Virginia	19	2	17	7	10	21	1	20	8	11
Wisconsin	21	2	20	3	16	19	1	18	5	13
Wyoming	18	1	17	4	13	18	1	17	4	13
Other jurisdictions										
District of Columbia	20	1	19	1	18	19	2	17	2	15
DoDEA <sup>1</sup>	19	2	17	5	12	22	1	21	7	13
Puerto Rico	29	#	29	1	27	31	#	31	1	29

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-18. Percentage of fourth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>25</b>	<b>2</b>	<b>23</b>	<b>10</b>	<b>13</b>	<b>27</b>	<b>2</b>	<b>25</b>	<b>10</b>	<b>15</b>
Alabama	15	1	14	8	6	19	2	18	9	9
Alaska	27	1	26	13	13	30	1	29	12	17
Arizona	21	2	19	5	14	20	1	19	7	12
Arkansas	24	2	23	7	16	24	1	23	5	18
California	34	3	31	25	6	34	3	31	23	8
Colorado	24	1	23	13	10	25	1	24	13	11
Connecticut	22	2	20	5	15	24	2	23	6	16
Delaware	26	2	24	9	15	31	2	30	12	18
Florida	25	3	22	2	20	30	2	27	3	24
Georgia	18	2	16	4	12	24	2	23	7	16
Hawaii	15	3	13	7	6	24	2	22	14	8
Idaho	16	1	15	6	9	20	1	18	9	9
Illinois	24	2	23	7	16	28	1	27	12	16
Indiana	22	1	20	6	15	27	1	25	5	20
Iowa	20	2	18	4	14	20	1	19	3	15
Kansas	26	1	25	16	9	25	1	23	13	11
Kentucky	19	2	17	6	11	22	2	20	5	15
Louisiana	23	2	21	3	17	22	2	20	2	18
Maine	23	1	22	8	14	25	1	24	5	19
Maryland	22	1	21	5	16	27	2	25	6	19
Massachusetts	28	2	25	8	17	31	2	29	10	19
Michigan	20	3	17	11	6	22	2	21	10	11
Minnesota	22	2	20	14	6	25	2	24	15	9
Mississippi	16	1	15	6	9	17	1	16	5	11
Missouri	18	1	17	7	10	21	1	19	7	12
Montana	16	1	15	7	8	19	1	17	8	9
Nebraska	24	2	23	8	15	23	1	22	7	15
Nevada	27	1	25	18	7	30	2	28	19	9
New Hampshire	21	1	20	5	14	22	1	21	6	15
New Jersey	21	2	19	4	15	25	2	23	2	21
New Mexico	29	2	27	11	16	34	2	32	14	18
New York	24	2	22	3	19	25	3	23	3	19
North Carolina	20	2	18	6	12	23	1	22	8	14
North Dakota	15	1	14	6	8	18	2	17	6	11
Ohio	19	2	17	3	14	20	3	17	2	15
Oklahoma	25	2	23	9	14	28	2	26	10	16
Oregon	28	2	26	16	10	24	1	23	13	9
Pennsylvania	20	2	18	6	13	23	2	20	6	14
Rhode Island	21	2	19	4	15	27	2	25	7	19
South Carolina	22	1	21	13	8	20	1	19	8	11
South Dakota	18	1	17	10	6	22	1	21	11	10
Tennessee	18	2	16	6	10	22	2	20	6	14
Texas	37	3	34	15	19	35	3	33	12	21
Utah	21	2	19	12	8	23	2	21	13	8
Vermont	20	1	19	5	13	23	1	22	6	16
Virginia	21	2	19	8	11	25	1	24	9	15
Washington	25	2	23	15	8	26	3	24	13	11
West Virginia	22	1	21	11	10	22	1	21	10	11
Wisconsin	21	2	20	8	12	21	1	20	7	12
Wyoming	17	1	15	5	10	20	1	19	5	14
Other jurisdictions										
District of Columbia	22	2	20	4	16	28	2	26	3	24
DoDEA <sup>1</sup>	21	1	20	8	12	24	2	22	7	15
Puerto Rico	31	#	31	2	30	33	#	32	2	31

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

**Table A-19. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: Various years, 1990–2000**

State/jurisdiction	1990			1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	—	—	—	<b>10</b>	<b>6</b>	<b>4</b>	<b>11</b>	<b>5</b>	<b>7</b>	<b>15</b>	<b>7</b>	<b>8</b>
Alabama	9	5	4	10	5	5	13	7	6	14	5	9
Alaska	—	—	—	—	—	—	15	5	10	—	—	—
Arizona	12	5	7	12	6	7	17	9	8	19	9	10
Arkansas	11	7	3	11	6	5	11	7	4	14	8	5
California	15	7	8	20	8	12	20	10	10	27	9	18
Colorado	10	4	5	10	4	5	12	4	8	—	—	—
Connecticut	11	6	5	14	7	8	15	8	7	16	10	6
Delaware	9	4	5	10	4	6	13	9	4	—	—	—
Florida	11	6	5	13	6	7	16	10	6	—	—	—
Georgia	7	3	3	8	5	3	10	7	3	11	7	3
Hawaii	10	4	5	13	5	8	12	5	7	20	7	13
Idaho	6	2	4	7	3	4	—	—	—	14	5	9
Illinois	9	5	4	—	—	—	—	—	—	15	8	7
Indiana	7	5	2	9	5	4	12	6	7	12	7	5
Iowa	10	4	6	11	4	6	13	5	7	—	—	—
Kansas	—	—	—	—	—	—	—	—	—	14	6	8
Kentucky	7	5	3	9	5	4	9	5	5	14	9	4
Louisiana	6	4	2	7	4	3	10	6	4	13	6	7
Maine	—	—	—	11	4	6	12	5	7	15	9	6
Maryland	11	4	6	11	5	6	12	7	5	13	11	3
Massachusetts	—	—	—	18	8	9	17	8	9	19	12	7
Michigan	8	4	4	9	6	3	9	5	4	11	7	4
Minnesota	9	3	6	7	3	4	11	3	8	15	5	10
Mississippi	—	—	—	10	7	3	11	7	4	11	7	3
Missouri	—	—	—	11	4	6	12	7	5	15	9	6
Montana	6	2	4	—	—	—	9	3	6	12	5	6
Nebraska	9	3	6	10	4	6	12	4	8	13	3	10
Nevada	—	—	—	—	—	—	16	8	8	16	10	6
New Hampshire	12	4	8	12	5	7	15	4	11	—	—	—
New Jersey	12	7	5	14	7	7	13	7	6	—	—	—
New Mexico	9	6	3	12	5	7	18	8	10	25	12	14
New York	12	6	6	13	8	4	14	8	6	16	13	3
North Carolina	9	3	6	12	3	9	9	4	5	16	14	2
North Dakota	8	3	5	8	2	5	10	3	6	11	4	7
Ohio	8	5	3	10	6	4	—	—	—	11	9	3
Oklahoma	8	5	3	10	6	4	—	—	—	15	9	6
Oregon	8	3	5	—	—	—	12	4	8	17	6	11
Pennsylvania	10	5	5	9	4	5	—	—	—	—	—	—
Rhode Island	14	6	8	14	5	8	17	7	10	20	12	8
South Carolina	—	—	—	10	6	4	10	6	4	13	7	6
Tennessee	—	—	—	10	5	5	11	4	7	13	5	8
Texas	12	6	6	14	7	7	17	9	8	20	10	11
Utah	—	—	—	9	4	5	11	6	5	14	6	8
Vermont	—	—	—	—	—	—	12	4	8	17	10	7
Virginia	9	5	4	12	5	7	13	7	6	15	10	5
Washington	—	—	—	—	—	—	13	6	7	—	—	—
West Virginia	9	5	4	10	6	4	13	8	4	15	11	3
Wisconsin	8	4	4	10	4	6	12	7	5	17	10	7
Wyoming	8	3	5	9	4	5	10	2	8	13	4	9
Other jurisdictions												
District of Columbia	6	5	1	11	10	2	13	10	4	15	9	6
DoDEA <sup>1</sup>	—	—	—	—	—	—	8	3	5	9	5	3

— Not available.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1990 to 2000. 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), various years, 1990–2000 Mathematics Assessments.



# National Center for Education Statistics

2019 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

Table A-20. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19

State/jurisdiction	2000					2003				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>14</b>	<b>4</b>	<b>10</b>	<b>7</b>	<b>3</b>	<b>19</b>	<b>4</b>	<b>15</b>	<b>8</b>	<b>7</b>
Alabama	14	6	8	7	1	14	2	11	9	3
Alaska	—	—	—	—	—	23	1	22	14	8
Arizona	19	3	16	11	4	24	4	20	15	6
Arkansas	14	2	11	8	4	17	2	15	7	8
California	27	4	22	17	5	27	3	25	22	3
Colorado	—	—	—	—	—	15	2	14	5	8
Connecticut	16	6	10	6	4	17	4	13	5	8
Delaware	—	—	—	—	—	18	9	9	3	6
Florida	—	—	—	—	—	19	3	16	5	11
Georgia	11	5	6	3	3	13	2	11	5	6
Hawaii	20	5	15	13	2	20	4	17	8	9
Idaho	14	2	12	8	4	15	1	14	9	5
Illinois	15	5	11	7	3	18	4	14	4	9
Indiana	12	3	9	6	3	15	2	13	6	7
Iowa	—	—	—	—	—	17	2	15	6	9
Kansas	14	3	10	8	3	16	3	13	4	9
Kentucky	14	4	9	5	4	14	4	9	4	5
Louisiana	13	3	10	4	6	16	5	12	2	10
Maine	15	3	12	7	5	17	4	13	5	8
Maryland	13	3	11	7	4	16	4	12	7	5
Massachusetts	19	3	17	8	9	18	3	15	4	11
Michigan	11	4	7	5	2	15	5	10	4	6
Minnesota	15	2	13	11	3	16	2	14	8	6
Mississippi	11	5	5	4	1	9	5	4	3	2
Missouri	15	3	12	5	7	16	4	12	3	9
Montana	12	2	9	6	3	14	2	12	5	6
Nebraska	13	4	10	7	2	16	4	13	7	5
Nevada	16	4	12	8	5	18	2	16	9	6
New Hampshire	—	—	—	—	—	20	3	16	6	10
New Jersey	—	—	—	—	—	18	2	16	2	14
New Mexico	25	7	18	14	4	32	2	30	16	14
New York	16	4	12	5	7	20	5	15	3	12
North Carolina	16	5	11	4	7	18	4	15	3	12
North Dakota	11	2	9	8	2	16	1	14	7	7
Ohio	11	4	7	4	3	13	5	8	3	5
Oklahoma	15	4	11	8	3	19	2	17	10	7
Oregon	17	3	14	8	6	20	3	16	11	6
Pennsylvania	—	—	—	—	—	15	2	14	3	11
Rhode Island	20	3	16	12	4	23	4	20	7	13
South Carolina	13	4	9	7	2	15	7	8	5	4
South Dakota	—	—	—	—	—	13	2	11	6	6
Tennessee	13	2	10	9	1	16	3	13	12	1
Texas	20	8	12	10	2	20	7	13	11	2
Utah	14	3	11	8	3	16	3	14	9	5
Vermont	17	3	14	10	4	18	3	15	7	7
Virginia	15	6	9	5	4	17	7	10	4	6
Washington	—	—	—	—	—	16	2	14	10	5
West Virginia	15	3	12	4	8	16	3	14	5	9
Wisconsin	17	4	13	6	6	17	3	14	3	11
Wyoming	13	1	12	9	3	17	1	15	6	10
Other jurisdictions										
District of Columbia	15	6	9	3	6	20	6	14	5	9
DoDEA <sup>1</sup>	9	1	8	6	2	11	1	10	4	6
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-20. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005						2007					
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations		Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	
<b>Nation (public)</b>	<b>19</b>	<b>4</b>	<b>15</b>	<b>7</b>	<b>8</b>		<b>18</b>	<b>4</b>	<b>14</b>	<b>6</b>	<b>8</b>	
Alabama	14	1	13	10	3		14	3	11	9	2	
Alaska	27	2	25	14	11		26	4	22	13	9	
Arizona	23	5	18	12	6		19	3	15	9	6	
Arkansas	15	3	12	5	7		15	2	13	3	10	
California	28	2	25	21	4		28	2	26	21	5	
Colorado	17	3	14	5	9		16	2	14	4	10	
Connecticut	16	3	13	5	9		16	2	15	4	11	
Delaware	18	11	7	4	3		16	7	10	3	7	
Florida	21	3	18	4	13		19	3	15	2	13	
Georgia	14	2	11	4	7		11	5	7	3	4	
Hawaii	20	3	17	8	9		19	2	18	8	10	
Idaho	17	2	15	8	7		15	2	13	7	7	
Illinois	18	3	14	4	11		18	6	12	3	9	
Indiana	17	4	13	3	10		18	6	13	3	9	
Iowa	17	3	15	4	10		18	2	15	3	12	
Kansas	17	4	13	4	9		16	4	12	5	8	
Kentucky	12	3	9	2	6		14	7	8	2	6	
Louisiana	15	4	11	1	10		13	3	10	1	9	
Maine	19	5	14	5	9		18	5	13	4	9	
Maryland	13	4	9	4	4		13	7	6	2	4	
Massachusetts	20	6	13	4	10		20	9	11	3	7	
Michigan	16	4	12	4	8		15	5	11	3	8	
Minnesota	18	2	15	8	7		16	2	14	6	8	
Mississippi	10	3	7	3	3		11	2	9	2	7	
Missouri	15	4	11	3	8		15	5	10	3	7	
Montana	16	2	14	5	9		17	3	14	4	9	
Nebraska	16	1	14	6	9		15	3	13	5	8	
Nevada	19	2	17	10	7		20	4	17	9	8	
New Hampshire	19	2	17	6	11		21	3	17	6	12	
New Jersey	18	4	15	2	12		18	3	15	2	12	
New Mexico	30	3	26	13	13		26	3	23	14	9	
New York	19	4	15	2	13		18	3	14	1	14	
North Carolina	17	3	15	3	12		17	2	15	3	12	
North Dakota	17	4	13	4	8		16	6	10	3	7	
Ohio	14	6	9	2	7		16	7	9	2	7	
Oklahoma	20	4	15	7	8		18	8	9	5	5	
Oregon	19	3	16	9	8		19	3	16	8	8	
Pennsylvania	16	3	13	3	10		17	4	13	3	10	
Rhode Island	21	3	18	7	11		20	3	17	5	12	
South Carolina	15	6	9	5	4		15	5	10	4	5	
South Dakota	14	2	11	4	7		12	2	9	3	6	
Tennessee	15	5	11	5	5		13	6	7	4	3	
Texas	19	6	13	9	4		17	6	12	7	5	
Utah	17	2	14	6	8		18	3	15	8	7	
Vermont	19	4	15	7	9		21	4	16	5	11	
Virginia	18	5	13	5	8		17	7	11	4	7	
Washington	16	2	13	5	8		16	4	13	5	8	
West Virginia	17	3	14	6	8		17	2	15	6	10	
Wisconsin	18	4	13	3	10		18	5	13	2	11	
Wyoming	17	2	15	5	10		15	2	13	4	9	
Other jurisdictions												
District of Columbia	19	6	14	2	11		21	10	11	3	8	
DoDEA <sup>1</sup>	13	2	11	4	7		12	2	10	3	7	
Puerto Rico	—	—	—	—	—		—	—	—	—	—	

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-20. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>18</b>	<b>3</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>18</b>	<b>3</b>	<b>15</b>	<b>5</b>	<b>10</b>
Alabama	11	2	10	7	3	12	1	11	7	4
Alaska	21	3	18	5	13	21	3	18	4	14
Arizona	16	2	14	5	9	12	1	11	2	9
Arkansas	16	1	15	3	11	16	1	14	3	12
California	25	2	24	18	6	23	1	22	15	7
Colorado	17	2	15	5	10	16	1	15	5	10
Connecticut	16	2	14	3	11	16	1	15	2	12
Delaware	17	3	14	1	13	16	3	13	2	11
Florida	19	2	17	1	16	19	2	17	1	16
Georgia	13	3	10	2	9	12	3	9	2	7
Hawaii	18	2	16	6	10	20	2	18	7	11
Idaho	12	1	11	5	6	12	1	10	3	7
Illinois	16	3	13	3	11	17	2	15	3	12
Indiana	16	4	12	3	9	17	3	14	2	12
Iowa	16	3	14	2	11	17	1	16	2	14
Kansas	17	3	14	4	9	18	1	16	7	9
Kentucky	13	5	8	2	7	13	3	10	2	8
Louisiana	16	2	14	2	12	15	1	14	1	13
Maine	19	2	16	4	13	20	2	18	4	14
Maryland	14	7	7	1	6	14	6	8	1	7
Massachusetts	21	6	15	4	11	22	4	18	3	15
Michigan	15	3	12	3	8	14	4	11	3	8
Minnesota	17	3	15	6	9	17	2	15	6	9
Mississippi	10	2	8	2	7	8	1	7	1	6
Missouri	14	3	10	3	8	14	1	12	2	10
Montana	14	3	11	3	8	13	2	12	2	9
Nebraska	17	3	13	4	9	16	4	13	4	9
Nevada	17	2	15	6	9	18	3	15	6	9
New Hampshire	21	3	18	6	13	20	2	18	4	14
New Jersey	18	2	16	2	14	19	4	15	1	14
New Mexico	21	3	18	7	11	22	2	20	10	10
New York	20	3	17	1	16	20	1	19	#	18
North Carolina	17	2	15	3	13	18	2	16	3	12
North Dakota	16	5	11	4	7	16	4	11	3	9
Ohio	15	5	10	1	9	16	5	11	1	10
Oklahoma	18	6	11	4	8	18	10	8	4	4
Oregon	18	3	16	7	8	18	1	16	6	11
Pennsylvania	19	3	16	3	13	17	2	15	2	13
Rhode Island	21	2	18	4	14	19	1	18	4	13
South Carolina	16	4	12	5	7	15	4	11	4	8
South Dakota	12	2	10	3	7	13	2	11	4	7
Tennessee	12	4	8	1	7	13	4	9	1	8
Texas	17	5	13	6	6	18	5	13	8	5
Utah	14	3	11	4	7	14	3	11	3	8
Vermont	21	2	19	5	13	20	1	18	4	15
Virginia	17	4	13	4	9	18	3	15	6	9
Washington	14	2	12	4	8	16	2	14	4	10
West Virginia	15	2	14	4	10	14	2	12	3	9
Wisconsin	18	3	15	3	12	18	2	16	2	14
Wyoming	15	2	13	3	10	14	1	13	2	11
Other jurisdictions										
District of Columbia	20	6	14	2	12	21	4	17	2	15
DoDEA <sup>1</sup>	13	2	11	4	7	14	3	11	3	8
Puerto Rico	—	—	—	—	—	19	1	18	#	17

See notes at end of table.

# National Center for Education Statistics

## 2019 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

**Table A-20. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued**

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>17</b>	<b>2</b>	<b>16</b>	<b>3</b>	<b>12</b>	<b>19</b>	<b>2</b>	<b>17</b>	<b>5</b>	<b>13</b>
Alabama	11	1	10	5	5	11	1	10	4	6
Alaska	23	1	22	3	19	23	2	21	4	17
Arizona	13	1	12	1	11	14	1	13	3	11
Arkansas	19	2	17	3	14	19	2	17	4	13
California	19	1	18	10	8	22	1	21	13	8
Colorado	18	1	17	5	11	21	1	19	9	11
Connecticut	18	2	16	2	14	19	1	17	3	15
Delaware	17	1	16	1	15	19	2	17	3	15
Florida	18	2	16	1	15	20	2	18	1	17
Georgia	13	2	12	2	10	15	1	13	2	11
Hawaii	21	2	19	7	12	17	2	16	6	9
Idaho	12	1	11	2	8	13	2	11	2	9
Illinois	17	1	16	2	14	17	1	16	3	13
Indiana	18	2	16	2	14	19	1	18	3	15
Iowa	15	1	14	1	13	16	1	15	3	12
Kansas	19	2	18	7	11	22	1	21	11	10
Kentucky	13	2	11	1	10	14	1	12	1	11
Louisiana	16	1	15	1	14	19	2	17	1	16
Maine	20	1	18	2	16	21	1	19	4	16
Maryland	16	2	14	1	13	18	2	16	2	14
Massachusetts	22	2	20	4	16	24	2	22	4	18
Michigan	16	2	13	3	11	16	2	14	4	10
Minnesota	18	2	16	7	9	19	2	17	8	9
Mississippi	9	1	8	2	7	11	1	10	2	8
Missouri	13	1	12	2	11	15	2	13	2	11
Montana	13	1	12	2	9	13	1	12	4	8
Nebraska	16	2	14	2	12	17	2	15	3	11
Nevada	16	1	15	3	12	23	1	21	12	10
New Hampshire	20	1	19	3	16	19	1	17	3	15
New Jersey	18	2	17	#	16	20	1	19	1	18
New Mexico	24	2	22	10	12	24	2	22	10	12
New York	22	2	20	#	19	22	1	21	1	20
North Carolina	18	1	17	3	14	18	1	17	3	14
North Dakota	16	3	13	1	11	16	2	14	2	11
Ohio	16	2	14	1	14	19	2	17	1	16
Oklahoma	19	2	17	3	14	20	2	19	4	15
Oregon	16	1	15	4	11	17	2	14	4	11
Pennsylvania	19	2	17	2	15	19	2	17	2	14
Rhode Island	19	1	18	2	16	20	2	18	4	14
South Carolina	15	1	14	4	10	17	1	15	5	10
South Dakota	13	1	12	3	9	14	1	12	5	8
Tennessee	12	2	10	1	10	16	2	14	1	13
Texas	18	2	16	4	12	21	2	19	6	13
Utah	14	2	12	2	10	13	1	12	3	9
Vermont	18	1	17	2	15	20	1	19	2	17
Virginia	17	1	16	4	12	18	2	16	3	12
Washington	16	2	14	3	11	18	1	17	5	12
West Virginia	13	2	12	3	9	15	2	13	2	11
Wisconsin	18	2	17	2	15	17	1	16	3	12
Wyoming	16	2	14	2	13	16	1	15	2	13
Other jurisdictions										
District of Columbia	23	1	22	1	21	25	3	21	2	20
DoDEA <sup>1</sup>	14	1	12	3	9	15	1	14	4	10
Puerto Rico	23	#	23	#	23	25	#	25	1	24

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-20. Percentage of eighth-grade public school students identified as students with disabilities and/or English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>20</b>	<b>2</b>	<b>18</b>	<b>6</b>	<b>12</b>	<b>21</b>	<b>2</b>	<b>19</b>	<b>6</b>	<b>13</b>
Alabama	13	2	11	7	4	13	1	12	5	6
Alaska	23	2	22	8	14	24	1	23	7	15
Arizona	14	1	13	3	9	19	2	17	5	12
Arkansas	21	2	19	7	13	21	2	19	3	16
California	23	2	21	13	7	24	2	22	13	10
Colorado	20	2	18	9	9	18	1	17	7	10
Connecticut	20	2	17	4	13	21	2	19	5	14
Delaware	19	2	17	4	13	21	2	19	5	14
Florida	21	3	19	2	17	24	2	22	2	20
Georgia	15	2	13	2	11	17	2	16	2	14
Hawaii	16	2	14	8	6	16	2	14	9	5
Idaho	13	1	12	4	8	15	1	14	4	10
Illinois	18	1	16	3	14	19	1	18	3	15
Indiana	19	2	18	4	14	21	2	19	3	16
Iowa	16	1	15	2	12	18	1	17	3	15
Kansas	23	1	22	14	8	21	1	20	10	10
Kentucky	15	1	13	2	12	16	2	15	1	13
Louisiana	21	3	18	1	17	20	2	18	1	17
Maine	21	2	19	4	15	22	1	21	4	17
Maryland	17	2	16	1	14	19	2	17	1	16
Massachusetts	24	2	22	6	16	24	2	22	6	16
Michigan	19	3	16	6	10	19	2	16	5	11
Minnesota	19	2	17	11	6	20	2	18	9	9
Mississippi	12	1	11	3	8	13	1	12	3	9
Missouri	15	2	14	4	10	15	1	15	4	11
Montana	15	1	14	6	8	16	1	15	4	11
Nebraska	18	2	16	4	12	18	1	17	4	13
Nevada	22	2	21	13	7	22	1	21	13	8
New Hampshire	19	1	17	5	12	21	1	20	6	14
New Jersey	20	2	19	1	17	21	2	20	2	18
New Mexico	24	2	22	8	14	25	2	24	9	14
New York	23	2	21	2	19	24	1	22	1	21
North Carolina	17	2	15	5	10	17	1	16	4	12
North Dakota	16	2	15	5	9	15	1	14	3	11
Ohio	18	2	16	1	14	19	2	17	1	16
Oklahoma	20	2	19	5	14	20	2	18	5	12
Oregon	18	1	16	7	9	20	1	18	8	10
Pennsylvania	19	2	17	4	13	22	1	20	5	15
Rhode Island	21	2	19	4	15	22	1	20	5	15
South Carolina	20	1	19	12	6	20	1	18	9	9
South Dakota	15	3	13	9	4	15	1	14	7	7
Tennessee	17	2	14	3	11	15	2	13	3	11
Texas	23	2	21	8	13	27	2	25	12	13
Utah	15	1	13	4	9	18	1	17	6	11
Vermont	21	1	20	4	16	21	1	19	4	15
Virginia	17	2	15	5	10	19	2	17	4	12
Washington	18	2	17	6	11	20	2	19	8	10
West Virginia	16	2	14	5	8	17	1	16	5	11
Wisconsin	17	2	16	4	12	17	1	16	3	12
Wyoming	15	1	14	3	11	16	2	15	3	12
Other jurisdictions										
District of Columbia	24	2	22	2	19	25	2	24	2	22
DoDEA <sup>1</sup>	15	1	14	4	10	17	1	15	4	11
Puerto Rico	29	#	29	2	27	29	#	29	1	28

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

**Table A-21. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: 1992, 1996, and 2000**

State/jurisdiction	1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	<b>7</b>	<b>5</b>	<b>3</b>	<b>12</b>	<b>5</b>	<b>7</b>	<b>12</b>	<b>6</b>	<b>6</b>
Alabama	10	4	6	11	6	5	12	6	7
Alaska	—	—	—	13	4	10	—	—	—
Arizona	7	3	4	10	7	3	11	6	4
Arkansas	11	5	6	9	6	3	13	7	6
California	7	3	4	8	5	3	8	3	5
Colorado	8	4	4	12	7	5	—	—	—
Connecticut	10	4	6	14	7	7	11	8	3
Delaware	11	5	6	12	6	6	—	—	—
Florida	13	7	6	14	7	7	—	—	—
Georgia	9	5	4	11	6	5	9	6	4
Hawaii	10	5	5	10	4	5	13	8	5
Idaho	8	3	5	—	—	—	12	5	6
Illinois	—	—	—	—	—	—	11	7	4
Indiana	6	3	3	11	5	6	11	6	4
Iowa	8	3	5	11	5	6	14	10	4
Kansas	—	—	—	—	—	—	12	6	6
Kentucky	8	3	5	10	6	4	11	8	3
Louisiana	7	4	3	13	7	6	15	7	8
Maine	14	6	8	14	7	7	16	10	6
Maryland	10	3	7	13	7	6	11	8	3
Massachusetts	15	6	9	15	7	8	14	8	6
Michigan	7	5	2	10	6	4	9	7	2
Minnesota	7	3	4	11	5	6	12	4	7
Mississippi	7	5	2	8	6	2	6	4	2
Missouri	12	4	7	14	5	9	15	9	5
Montana	—	—	—	10	5	5	11	5	5
Nebraska	12	4	8	14	4	10	16	6	9
Nevada	—	—	—	9	5	4	10	6	4
New Hampshire	12	4	8	—	—	—	—	—	—
New Jersey	8	3	5	9	5	4	—	—	—
New Mexico	12	6	6	14	8	6	15	9	6
New York	7	3	3	10	5	5	11	9	2
North Carolina	11	3	8	13	6	6	14	12	2
North Dakota	8	2	7	10	3	7	12	6	6
Ohio	10	6	4	—	—	—	12	10	2
Oklahoma	11	7	4	—	—	—	16	10	6
Oregon	—	—	—	13	6	7	14	6	7
Pennsylvania	8	3	5	8	4	4	—	—	—
Rhode Island	10	4	7	13	5	8	16	9	7
South Carolina	10	5	5	12	5	7	17	7	9
Tennessee	11	4	8	12	6	6	10	4	7
Texas	9	5	5	12	7	5	15	10	5
Utah	9	4	5	11	5	6	9	5	4
Vermont	—	—	—	14	6	8	14	10	4
Virginia	10	5	5	12	6	6	13	10	3
Washington	—	—	—	10	5	6	—	—	—
West Virginia	9	4	4	13	8	5	13	10	3
Wisconsin	9	5	5	10	7	3	15	10	5
Wyoming	9	3	6	12	4	8	13	5	8
Other jurisdictions									
District of Columbia	8	7	1	9	7	1	14	7	7
DoDEA <sup>1</sup>	—	—	—	8	4	4	8	4	4

— Not available.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1992 to 2000. 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), 1992, 1996, and 2000 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-22. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19

State/jurisdiction	2000					2003				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>13</b>	<b>3</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>7</b>
Alabama	13	3	9	7	3	11	2	10	7	2
Alaska	—	—	—	—	—	16	1	15	6	9
Arizona	11	3	8	4	4	12	3	9	5	3
Arkansas	12	4	8	5	4	14	1	12	5	8
California	8	3	5	4	1	10	2	8	6	2
Colorado	—	—	—	—	—	12	2	11	3	7
Connecticut	11	3	8	4	4	13	3	10	3	6
Delaware	—	—	—	—	—	16	6	10	3	7
Florida	—	—	—	—	—	18	2	16	4	12
Georgia	9	3	7	3	4	12	2	11	4	7
Hawaii	13	6	7	5	2	11	2	10	3	6
Idaho	12	1	11	5	6	12	1	11	4	7
Illinois	11	2	9	3	6	15	3	13	4	9
Indiana	10	2	8	3	5	14	2	12	6	6
Iowa	13	1	11	4	7	15	2	13	3	10
Kansas	12	3	9	5	4	14	1	12	2	10
Kentucky	11	3	8	3	5	13	3	11	4	7
Louisiana	15	3	13	2	11	21	3	18	3	16
Maine	15	4	11	4	7	18	3	14	4	10
Maryland	11	2	9	4	5	13	3	10	4	6
Massachusetts	14	1	14	5	9	18	2	16	2	14
Michigan	10	3	7	3	4	11	3	7	2	5
Minnesota	12	2	10	5	5	14	2	11	5	6
Mississippi	6	3	3	1	2	10	5	5	3	1
Missouri	14	2	12	5	7	15	3	12	3	9
Montana	12	2	10	5	6	14	2	12	5	7
Nebraska	15	2	13	9	4	16	2	14	6	8
Nevada	10	3	7	3	4	13	3	10	5	5
New Hampshire	—	—	—	—	—	18	3	16	4	11
New Jersey	—	—	—	—	—	14	2	13	1	12
New Mexico	15	5	10	5	5	17	2	15	7	9
New York	11	2	8	#	8	13	3	10	1	10
North Carolina	14	4	10	3	7	17	4	14	3	10
North Dakota	11	1	9	5	4	15	2	14	6	7
Ohio	12	4	7	2	5	12	4	8	2	7
Oklahoma	16	4	12	7	4	17	3	14	6	8
Oregon	14	2	12	6	5	17	4	14	7	7
Pennsylvania	—	—	—	—	—	13	2	11	2	9
Rhode Island	16	2	14	6	8	20	2	18	5	13
South Carolina	17	5	12	7	5	17	6	11	6	4
South Dakota	—	—	—	—	—	15	1	13	7	6
Tennessee	10	2	8	7	1	13	2	11	6	5
Texas	15	6	9	6	3	15	7	8	5	3
Utah	9	3	6	4	2	12	2	10	5	5
Vermont	15	3	12	4	8	17	4	13	4	10
Virginia	13	3	10	4	6	13	4	9	3	6
Washington	—	—	—	—	—	14	2	12	5	7
West Virginia	13	3	11	3	8	15	3	12	3	9
Wisconsin	15	4	10	5	6	15	3	12	2	10
Wyoming	14	2	12	6	6	15	1	14	3	11
Other jurisdictions										
District of Columbia	13	3	10	5	5	13	4	10	2	7
DoDEA <sup>1</sup>	8	2	6	3	4	10	1	9	2	6
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-22. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005					2007				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>8</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>3</b>	<b>8</b>
Alabama	11	1	10	7	3	11	1	10	6	4
Alaska	15	1	14	4	10	16	1	15	4	10
Arizona	11	3	9	3	5	11	2	9	4	5
Arkansas	13	2	11	3	8	12	2	9	2	7
California	10	2	8	4	3	10	2	8	4	4
Colorado	12	2	10	2	8	12	2	11	2	9
Connecticut	13	2	11	3	8	13	1	11	2	9
Delaware	16	7	9	2	7	17	5	12	3	9
Florida	18	2	16	3	12	15	2	13	1	12
Georgia	14	2	12	5	7	12	2	10	3	7
Hawaii	11	2	10	3	7	11	1	10	2	8
Idaho	11	1	10	3	7	11	1	9	3	6
Illinois	14	2	12	4	8	15	3	11	4	8
Indiana	15	1	14	4	10	17	3	14	6	9
Iowa	14	2	13	2	11	13	1	12	2	10
Kansas	14	2	11	3	8	13	3	10	3	7
Kentucky	14	2	12	3	9	15	2	13	5	7
Louisiana	24	4	20	3	17	18	2	15	3	13
Maine	19	3	16	4	12	18	3	15	3	11
Maryland	13	3	10	3	7	12	4	9	3	6
Massachusetts	18	3	15	3	12	18	5	13	3	11
Michigan	14	4	11	3	7	13	3	10	4	7
Minnesota	13	2	11	5	6	13	2	12	4	7
Mississippi	11	2	8	5	4	10	1	9	4	6
Missouri	16	2	14	5	9	15	3	11	4	7
Montana	12	2	10	2	7	13	2	10	2	8
Nebraska	18	2	16	6	10	17	2	14	5	9
Nevada	12	3	10	3	6	13	2	11	5	6
New Hampshire	20	2	18	4	14	19	2	16	3	13
New Jersey	15	2	13	3	10	14	2	12	1	11
New Mexico	14	2	13	3	10	13	3	10	3	7
New York	15	3	12	1	11	15	1	13	1	12
North Carolina	15	2	13	3	10	15	2	13	3	10
North Dakota	16	2	13	5	8	15	4	11	3	8
Ohio	12	3	9	2	7	15	4	11	2	8
Oklahoma	16	4	12	4	9	14	5	10	3	6
Oregon	15	3	11	5	7	15	2	13	5	8
Pennsylvania	16	2	13	3	10	17	2	14	4	10
Rhode Island	20	2	18	6	12	19	2	17	5	12
South Carolina	14	4	10	6	5	13	2	12	5	6
South Dakota	16	1	14	7	7	15	1	14	7	7
Tennessee	11	3	8	3	6	14	6	8	4	4
Texas	14	5	8	4	4	13	5	8	3	5
Utah	12	2	11	4	6	12	2	10	4	6
Vermont	16	3	13	4	9	17	2	14	3	11
Virginia	16	4	11	3	8	15	4	11	4	7
Washington	13	2	11	4	7	15	2	13	5	8
West Virginia	19	2	17	9	8	17	1	16	8	8
Wisconsin	14	2	12	2	10	15	2	12	3	9
Wyoming	15	1	14	3	11	15	2	13	4	9
Other jurisdictions										
District of Columbia	16	5	11	2	8	14	5	9	1	8
DoDEA <sup>1</sup>	10	1	9	2	7	11	1	10	3	7
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.



# National Center for Education Statistics

## 2019 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

Table A-22. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>13</b>	<b>2</b>	<b>11</b>	<b>3</b>	<b>8</b>	<b>13</b>	<b>2</b>	<b>11</b>	<b>3</b>	<b>9</b>
Alabama	10	1	9	6	4	10	1	9	5	4
Alaska	17	1	16	4	12	16	2	14	3	11
Arizona	13	1	12	4	8	12	1	11	2	8
Arkansas	12	1	11	2	8	13	1	12	2	10
California	10	2	7	3	5	10	1	8	2	6
Colorado	11	1	10	1	9	11	1	10	1	9
Connecticut	13	2	12	2	10	14	1	13	1	11
Delaware	15	3	12	2	11	16	3	13	3	10
Florida	17	2	15	3	12	16	1	14	3	12
Georgia	11	1	9	3	7	12	1	10	3	8
Hawaii	10	1	9	1	8	10	2	8	1	7
Idaho	10	1	9	3	7	11	1	9	2	7
Illinois	15	2	13	4	9	14	2	12	4	8
Indiana	16	2	13	5	8	16	2	14	4	9
Iowa	14	2	12	2	10	15	1	14	2	12
Kansas	14	3	11	3	9	14	2	13	4	9
Kentucky	15	3	12	5	7	15	3	12	4	8
Louisiana	20	2	18	3	15	20	2	18	2	16
Maine	18	1	17	3	14	17	2	16	2	14
Maryland	14	4	9	2	7	14	5	8	2	7
Massachusetts	19	5	14	2	12	18	3	15	1	14
Michigan	14	2	11	4	8	13	2	11	3	8
Minnesota	14	2	13	5	8	15	1	13	4	9
Mississippi	10	1	9	3	6	9	1	9	4	5
Missouri	14	3	12	4	8	13	2	11	3	8
Montana	12	2	10	2	8	12	1	10	3	7
Nebraska	18	2	16	7	9	17	1	15	5	10
Nevada	12	2	10	3	6	11	2	9	3	6
New Hampshire	18	2	16	3	14	17	2	15	1	14
New Jersey	16	2	13	2	12	17	3	14	2	12
New Mexico	13	2	11	2	8	13	2	11	2	9
New York	16	1	15	1	14	16	1	15	1	14
North Carolina	15	2	13	3	10	15	2	13	3	10
North Dakota	16	4	12	4	8	15	3	11	3	8
Ohio	14	3	11	2	9	14	2	12	2	10
Oklahoma	15	4	11	4	7	15	8	8	3	5
Oregon	16	2	13	5	9	15	2	13	4	9
Pennsylvania	15	2	13	3	10	15	1	14	3	11
Rhode Island	17	2	16	3	13	14	1	13	1	12
South Carolina	14	2	13	5	8	14	1	12	4	8
South Dakota	15	2	13	5	8	16	2	14	7	7
Tennessee	14	3	10	3	7	14	3	10	3	7
Texas	10	3	7	2	5	10	4	7	2	5
Utah	12	2	10	3	7	13	2	11	4	7
Vermont	19	2	16	3	13	17	1	16	2	14
Virginia	14	2	12	3	9	13	2	11	3	8
Washington	12	2	11	3	7	14	2	12	3	9
West Virginia	17	2	16	7	9	18	1	16	7	9
Wisconsin	15	2	13	2	11	14	2	13	2	10
Wyoming	16	1	15	4	11	16	2	14	4	11
Other jurisdictions										
District of Columbia	14	4	10	2	8	15	5	11	#	10
DoDEA <sup>1</sup>	12	1	11	3	8	13	2	11	3	8
Puerto Rico	—	—	—	—	—	24	#	24	1	23

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-22. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>14</b>	<b>1</b>	<b>12</b>	<b>2</b>	<b>10</b>	<b>14</b>	<b>1</b>	<b>13</b>	<b>3</b>	<b>11</b>
Alabama	10	1	9	4	5	12	1	11	5	6
Alaska	16	1	15	2	13	15	1	14	2	12
Arizona	10	1	10	2	8	13	1	12	2	10
Arkansas	14	1	13	2	11	14	1	13	2	11
California	10	2	8	2	7	10	1	9	2	6
Colorado	10	1	9	2	8	11	1	10	2	8
Connecticut	14	1	13	1	12	13	1	12	2	10
Delaware	16	2	14	2	12	17	1	16	3	13
Florida	16	1	15	2	12	17	1	16	2	14
Georgia	12	1	11	2	9	14	1	13	2	10
Hawaii	10	1	9	1	8	10	1	9	2	7
Idaho	11	1	10	2	8	11	2	10	2	7
Illinois	14	1	13	2	11	13	1	13	3	9
Indiana	17	1	15	2	13	17	1	16	3	13
Iowa	13	1	13	2	11	13	1	13	1	11
Kansas	15	1	14	3	11	15	1	14	4	10
Kentucky	13	1	12	2	9	16	2	14	4	10
Louisiana	20	1	19	2	17	21	2	19	2	17
Maine	20	2	18	2	16	19	1	18	2	16
Maryland	14	1	13	1	12	13	1	12	1	11
Massachusetts	19	2	17	1	16	20	2	18	2	16
Michigan	13	2	11	3	9	14	2	12	3	9
Minnesota	14	1	13	5	8	14	2	13	5	8
Mississippi	10	1	10	3	6	12	1	12	4	7
Missouri	14	1	13	3	9	14	1	13	4	9
Montana	12	2	10	2	8	12	1	11	3	8
Nebraska	17	1	15	4	11	17	1	16	4	11
Nevada	13	1	12	3	9	12	2	9	2	7
New Hampshire	16	1	15	1	14	18	1	17	1	16
New Jersey	16	1	15	1	14	18	1	17	2	15
New Mexico	14	1	13	2	10	15	2	13	2	11
New York	17	1	16	1	15	18	1	17	1	17
North Carolina	15	1	14	2	12	13	1	12	2	11
North Dakota	14	2	12	3	9	13	2	12	3	9
Ohio	15	1	14	2	11	16	2	14	1	13
Oklahoma	17	2	16	3	12	18	2	16	4	12
Oregon	16	2	14	4	10	14	2	12	3	9
Pennsylvania	16	1	15	3	12	19	1	17	4	13
Rhode Island	14	1	13	1	12	14	1	13	1	11
South Carolina	14	1	13	3	10	14	1	13	4	10
South Dakota	16	1	15	6	9	16	1	15	6	10
Tennessee	14	1	13	2	11	15	1	14	3	11
Texas	12	1	10	1	9	14	2	12	2	10
Utah	13	1	12	3	9	12	1	11	4	7
Vermont	17	1	16	1	15	18	1	16	2	15
Virginia	14	1	13	3	10	13	1	12	2	10
Washington	14	2	12	3	9	13	1	12	3	9
West Virginia	18	2	17	7	10	20	1	19	8	11
Wisconsin	15	2	13	2	11	13	1	12	3	9
Wyoming	15	1	15	3	11	15	1	15	3	12
Other jurisdictions										
District of Columbia	15	1	14	1	14	14	1	13	1	12
DoDEA <sup>1</sup>	14	1	13	3	10	14	1	14	3	11
Puerto Rico	28	#	28	1	27	30	#	30	1	29

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-22. Percentage of fourth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>15</b>	<b>2</b>	<b>13</b>	<b>4</b>	<b>9</b>	<b>16</b>	<b>2</b>	<b>14</b>	<b>3</b>	<b>11</b>
Alabama	12	1	11	6	6	15	1	14	6	8
Alaska	15	1	14	5	9	16	#	16	4	12
Arizona	11	1	10	2	8	13	1	13	4	9
Arkansas	16	1	14	4	10	18	1	17	3	14
California	11	2	9	4	5	13	2	11	5	6
Colorado	12	1	11	3	8	13	1	12	4	8
Connecticut	15	1	14	3	10	15	1	14	3	12
Delaware	18	1	17	5	12	18	1	17	3	14
Florida	17	2	15	2	13	21	2	19	2	17
Georgia	14	1	12	3	10	15	1	13	2	11
Hawaii	10	1	8	3	5	11	1	10	4	6
Idaho	11	1	10	3	7	12	1	11	3	8
Illinois	15	1	14	2	12	15	1	14	3	11
Indiana	17	1	15	3	12	18	1	16	3	13
Iowa	15	1	14	2	12	14	1	13	1	11
Kansas	15	1	13	6	8	15	1	14	4	10
Kentucky	16	1	14	5	10	17	1	15	4	11
Louisiana	18	2	17	2	14	19	2	17	2	15
Maine	20	1	19	5	14	21	1	20	2	18
Maryland	13	1	12	2	10	14	1	13	2	12
Massachusetts	20	2	18	3	15	21	2	19	2	17
Michigan	12	2	10	5	5	13	2	11	3	8
Minnesota	14	1	12	7	5	15	1	13	6	7
Mississippi	14	1	13	5	8	14	1	13	4	10
Missouri	15	1	14	6	9	15	1	14	4	10
Montana	13	1	12	5	7	15	1	14	5	9
Nebraska	17	1	16	6	10	17	1	16	5	12
Nevada	12	1	11	6	5	12	1	11	5	5
New Hampshire	18	1	17	4	13	19	1	18	3	14
New Jersey	17	1	16	3	13	17	1	16	1	15
New Mexico	16	1	14	4	10	17	1	15	4	11
New York	17	1	16	2	14	18	2	16	2	14
North Carolina	15	1	14	4	10	14	1	13	2	10
North Dakota	14	1	13	5	7	15	1	13	4	10
Ohio	16	2	14	2	12	18	2	15	2	13
Oklahoma	18	2	16	5	12	19	2	17	5	12
Oregon	14	1	13	6	7	16	1	14	7	7
Pennsylvania	17	2	15	4	11	19	2	16	4	12
Rhode Island	14	1	13	1	12	16	1	15	1	14
South Carolina	15	1	14	8	6	15	1	14	5	10
South Dakota	17	1	15	10	5	17	1	16	8	8
Tennessee	13	2	12	4	7	15	1	13	5	9
Texas	15	2	12	3	10	15	2	13	2	12
Utah	14	1	12	6	6	14	1	13	6	7
Vermont	18	1	17	4	13	20	1	19	5	15
Virginia	13	1	12	3	8	15	1	14	3	11
Washington	13	2	11	5	7	14	2	12	4	8
West Virginia	21	1	20	11	9	21	1	20	9	11
Wisconsin	15	1	13	4	9	14	1	13	4	9
Wyoming	15	1	14	4	10	17	1	16	3	13
Other jurisdictions										
District of Columbia	16	1	15	2	13	17	1	16	1	16
DoDEA <sup>1</sup>	13	1	12	4	9	14	1	13	3	10
Puerto Rico	31	#	31	2	30	32	#	32	2	31

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-23. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: Various years, 1990–2000

State/jurisdiction	1990			1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	—	—	—	8	5	3	9	4	5	12	6	6
Alabama	9	5	4	10	5	5	13	7	6	14	5	9
Alaska	—	—	—	—	—	—	10	5	6	—	—	—
Arizona	7	3	3	6	4	2	9	5	4	11	7	4
Arkansas	10	7	3	11	6	5	11	7	4	12	8	4
California	7	3	4	8	4	4	8	5	4	10	6	5
Colorado	8	4	5	8	4	5	11	4	7	—	—	—
Connecticut	9	5	4	12	5	6	13	7	6	14	9	5
Delaware	9	4	5	9	4	5	12	8	4	—	—	—
Florida	8	5	4	9	5	4	12	7	5	—	—	—
Georgia	6	3	3	7	4	3	9	6	3	10	7	3
Hawaii	7	3	3	9	3	5	9	4	5	15	6	9
Idaho	6	2	4	7	3	4	—	—	—	10	5	6
Illinois	8	4	4	—	—	—	—	—	—	11	6	5
Indiana	7	5	2	8	4	4	12	5	6	11	7	4
Iowa	9	4	6	10	4	6	12	5	7	—	—	—
Kansas	—	—	—	—	—	—	—	—	—	10	5	5
Kentucky	7	5	3	9	5	4	9	4	5	13	9	4
Louisiana	6	4	2	7	4	3	9	6	3	13	6	7
Maine	—	—	—	11	4	6	11	5	6	14	9	5
Maryland	9	4	5	9	4	5	11	6	5	12	10	3
Massachusetts	—	—	—	14	6	8	15	7	9	16	10	6
Michigan	8	4	4	9	6	3	8	5	3	10	6	4
Minnesota	8	3	6	7	3	4	10	3	7	13	4	8
Mississippi	—	—	—	10	7	3	11	7	4	10	7	3
Missouri	—	—	—	11	4	6	11	6	4	14	8	6
Montana	6	2	4	—	—	—	9	3	6	11	5	5
Nebraska	8	3	5	9	4	6	11	4	7	11	3	8
Nevada	—	—	—	—	—	—	9	5	4	12	8	3
New Hampshire	12	4	7	12	5	7	14	4	11	—	—	—
New Jersey	10	5	4	12	6	6	10	5	5	—	—	—
New Mexico	8	6	3	10	4	6	13	5	9	17	10	7
New York	8	4	4	10	6	4	10	5	4	12	10	1
North Carolina	9	3	6	12	3	9	8	4	5	14	13	2
North Dakota	7	2	5	7	2	5	9	3	6	11	4	7
Ohio	8	5	3	9	6	4	—	—	—	11	9	3
Oklahoma	7	5	2	9	6	3	—	—	—	13	8	5
Oregon	7	2	5	—	—	—	10	3	7	13	4	9
Pennsylvania	10	5	5	8	4	4	—	—	—	—	—	—
Rhode Island	11	5	6	10	4	7	13	5	7	16	9	7
South Carolina	—	—	—	10	6	4	10	6	4	13	7	6
Tennessee	—	—	—	10	5	5	11	4	7	12	4	8
Texas	8	4	3	9	5	4	11	6	5	14	8	6
Utah	—	—	—	9	4	5	10	5	5	10	5	6
Vermont	—	—	—	—	—	—	12	4	8	16	9	7
Virginia	8	4	4	10	5	5	12	7	5	14	10	4
Washington	—	—	—	—	—	—	11	5	6	—	—	—
West Virginia	9	5	4	10	6	4	13	8	4	14	11	3
Wisconsin	7	4	3	9	4	5	11	7	4	16	10	6
Wyoming	8	3	4	9	4	5	10	2	8	12	4	8
Other jurisdictions												
District of Columbia	5	4	1	9	8	1	10	8	2	11	7	4
DoDEA <sup>1</sup>	—	—	—	—	—	—	7	2	5	6	4	3

— Not available.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1990 to 2000. 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), various years, 1990–2000 Mathematics Assessments.

# National Center for Education Statistics

## 2019 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

Table A-24. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19

State/jurisdiction	2000					2003				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>11</b>	<b>3</b>	<b>7</b>	<b>5</b>	<b>2</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>5</b>	<b>6</b>
Alabama	14	6	7	7	1	13	2	11	8	3
Alaska	—	—	—	—	—	15	1	14	6	8
Arizona	11	2	9	6	2	11	3	9	4	4
Arkansas	13	2	11	7	4	15	1	13	6	7
California	10	3	7	5	3	11	1	9	7	2
Colorado	—	—	—	—	—	12	1	10	4	7
Connecticut	14	5	9	6	3	14	3	11	4	7
Delaware	—	—	—	—	—	16	8	8	3	5
Florida	—	—	—	—	—	14	2	12	3	9
Georgia	9	4	6	3	3	11	2	10	4	6
Hawaii	15	4	11	10	2	16	3	13	5	8
Idaho	11	2	9	6	3	10	1	10	6	4
Illinois	11	3	8	5	3	15	4	12	3	8
Indiana	11	3	8	5	3	14	2	11	5	6
Iowa	—	—	—	—	—	16	2	14	5	9
Kansas	12	3	9	6	3	13	2	11	3	8
Kentucky	12	4	8	4	4	13	4	9	4	5
Louisiana	12	2	10	4	6	16	4	11	2	9
Maine	14	3	12	7	4	16	4	12	5	7
Maryland	12	2	10	7	4	14	3	10	6	5
Massachusetts	16	2	15	7	8	16	2	14	4	10
Michigan	10	4	7	5	2	13	4	8	3	5
Minnesota	12	1	11	9	2	13	2	11	6	5
Mississippi	10	5	5	4	1	9	5	4	2	2
Missouri	14	3	12	5	7	15	4	12	3	9
Montana	12	2	9	6	3	12	2	10	5	6
Nebraska	11	3	8	6	2	14	3	11	6	5
Nevada	12	3	9	5	4	12	2	10	5	5
New Hampshire	—	—	—	—	—	19	3	15	6	9
New Jersey	—	—	—	—	—	15	1	14	2	12
New Mexico	17	7	10	8	3	20	2	18	8	10
New York	12	3	9	2	6	16	4	12	2	10
North Carolina	14	4	10	3	7	16	3	12	2	10
North Dakota	11	2	9	7	2	14	1	13	6	7
Ohio	11	4	7	4	3	13	5	8	3	5
Oklahoma	13	4	9	7	3	16	2	14	8	6
Oregon	13	2	11	6	5	14	3	12	7	4
Pennsylvania	—	—	—	—	—	14	1	13	2	10
Rhode Island	16	3	14	10	4	20	3	17	5	12
South Carolina	13	4	9	7	2	15	7	8	4	4
South Dakota	—	—	—	—	—	11	2	9	4	5
Tennessee	11	2	9	9	1	14	3	12	11	1
Texas	14	7	7	5	1	15	6	9	8	2
Utah	10	2	8	6	2	11	2	9	5	4
Vermont	16	3	13	9	4	17	3	15	7	7
Virginia	13	5	7	4	4	15	6	9	3	6
Washington	—	—	—	—	—	13	2	11	7	4
West Virginia	14	3	12	4	8	16	3	13	5	9
Wisconsin	15	4	12	6	6	15	3	13	2	10
Wyoming	12	1	11	8	3	15	1	14	4	9
Other jurisdictions										
District of Columbia	11	5	7	2	4	16	5	11	3	8
DoDEA <sup>1</sup>	6	1	5	4	2	8	1	7	1	5
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-24. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005					2007				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>13</b>	<b>3</b>	<b>10</b>	<b>3</b>	<b>7</b>	<b>13</b>	<b>4</b>	<b>9</b>	<b>2</b>	<b>6</b>
Alabama	13	1	12	9	3	12	3	9	7	2
Alaska	14	2	12	3	10	12	4	8	3	6
Arizona	10	3	7	3	4	11	3	8	3	5
Arkansas	14	3	11	5	7	12	2	10	2	8
California	9	2	8	4	3	9	2	7	4	3
Colorado	10	2	9	2	6	10	2	9	1	7
Connecticut	13	2	11	4	7	13	1	12	3	9
Delaware	15	10	5	2	3	14	6	8	2	6
Florida	16	2	14	3	11	13	2	11	1	10
Georgia	12	2	9	3	6	9	5	5	2	3
Hawaii	14	2	12	5	7	13	1	12	4	7
Idaho	12	2	10	4	6	10	1	8	3	5
Illinois	15	3	13	2	10	14	5	9	2	8
Indiana	15	4	11	2	9	15	5	10	2	8
Iowa	15	2	13	3	10	15	2	13	2	11
Kansas	14	3	10	2	8	12	4	9	2	7
Kentucky	11	3	8	2	6	13	6	7	2	5
Louisiana	14	4	10	1	9	12	3	9	1	8
Maine	18	4	14	5	8	17	5	12	3	9
Maryland	11	4	7	3	4	11	7	4	1	3
Massachusetts	17	6	12	2	9	17	9	8	2	6
Michigan	14	4	10	2	7	14	4	9	2	8
Minnesota	12	2	10	4	6	12	2	10	3	7
Mississippi	9	3	6	3	3	11	2	8	2	6
Missouri	14	4	10	2	8	13	5	9	2	6
Montana	13	2	11	3	8	13	3	10	2	8
Nebraska	13	1	12	4	8	13	2	11	3	7
Nevada	11	2	9	4	5	12	3	9	4	5
New Hampshire	18	2	16	6	10	19	3	16	5	12
New Jersey	16	3	14	2	12	14	3	12	1	11
New Mexico	16	2	14	4	9	12	2	10	4	7
New York	15	3	12	1	11	14	3	11	1	11
North Carolina	14	2	12	2	11	13	2	11	1	10
North Dakota	16	4	12	4	8	14	6	8	2	6
Ohio	14	5	8	2	7	15	7	8	1	7
Oklahoma	16	4	12	5	7	14	8	6	2	4
Oregon	13	2	10	4	6	12	3	9	4	5
Pennsylvania	15	3	12	3	10	15	4	12	3	9
Rhode Island	17	3	15	6	9	17	2	15	3	12
South Carolina	14	6	8	4	4	13	5	8	3	5
South Dakota	12	2	10	3	6	11	2	9	2	6
Tennessee	14	5	10	5	5	12	6	5	3	3
Texas	13	5	8	5	3	11	5	6	3	3
Utah	11	2	9	3	6	10	2	8	2	6
Vermont	18	4	14	6	8	19	4	15	5	10
Virginia	15	4	10	3	7	14	6	8	2	6
Washington	11	2	9	3	7	11	3	8	2	6
West Virginia	17	3	14	6	8	17	2	15	5	10
Wisconsin	14	3	11	2	9	14	4	10	2	9
Wyoming	14	2	13	3	10	13	2	11	3	9
Other jurisdictions										
District of Columbia	17	5	12	2	10	17	9	8	2	6
DoDEA <sup>1</sup>	9	1	8	2	5	7	1	7	1	6
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-24. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>13</b>	<b>3</b>	<b>10</b>	<b>2</b>	<b>8</b>	<b>13</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>9</b>
Alabama	10	1	9	6	3	10	1	9	6	3
Alaska	13	3	10	1	9	13	3	10	1	9
Arizona	12	2	10	2	7	11	1	9	1	8
Arkansas	12	1	11	2	9	11	1	10	1	9
California	9	1	8	2	5	10	1	9	3	6
Colorado	11	2	9	1	7	10	1	9	1	8
Connecticut	13	2	11	2	9	12	1	11	1	10
Delaware	15	2	13	1	12	14	3	12	2	10
Florida	15	2	13	1	12	14	2	13	1	12
Georgia	11	3	9	1	8	10	3	8	1	6
Hawaii	12	1	11	3	8	11	1	10	2	8
Idaho	9	1	8	3	5	8	1	7	1	6
Illinois	14	3	11	2	9	14	2	12	1	10
Indiana	14	4	10	2	8	14	2	12	1	11
Iowa	14	2	12	2	10	15	1	13	1	12
Kansas	12	3	9	1	8	12	1	10	2	8
Kentucky	12	4	7	1	6	12	3	8	1	7
Louisiana	15	2	13	2	12	14	1	13	1	12
Maine	17	2	15	3	12	18	1	17	3	14
Maryland	12	7	5	1	4	11	6	5	1	5
Massachusetts	19	5	13	3	10	19	3	15	1	14
Michigan	13	3	10	2	8	12	3	9	2	7
Minnesota	12	2	10	3	7	13	2	11	3	8
Mississippi	9	2	8	1	6	8	1	7	1	6
Missouri	13	3	10	2	7	13	1	12	2	10
Montana	12	3	9	2	8	12	2	11	2	9
Nebraska	14	3	11	3	8	14	3	11	2	8
Nevada	11	2	8	2	6	10	3	7	2	5
New Hampshire	20	3	17	5	12	18	2	16	3	13
New Jersey	16	2	14	1	13	17	4	13	1	12
New Mexico	13	3	10	3	8	12	2	11	3	8
New York	16	2	14	1	13	16	1	15	#	14
North Carolina	12	1	11	1	10	14	2	12	1	10
North Dakota	15	5	10	4	6	14	4	10	2	8
Ohio	15	5	10	1	9	15	5	10	1	9
Oklahoma	15	6	9	2	7	16	9	6	3	3
Oregon	13	3	10	4	6	13	1	12	3	9
Pennsylvania	17	3	14	2	12	16	2	13	2	11
Rhode Island	18	2	16	3	13	16	1	15	3	12
South Carolina	14	4	9	4	5	11	4	7	2	6
South Dakota	10	2	9	2	6	11	1	9	3	7
Tennessee	11	4	7	1	6	12	4	8	1	7
Texas	12	5	7	2	5	11	5	6	2	4
Utah	10	3	7	2	6	10	3	8	1	7
Vermont	20	2	18	5	13	18	1	17	3	14
Virginia	14	3	10	3	7	13	2	11	3	8
Washington	11	2	9	2	7	12	1	10	2	9
West Virginia	15	2	13	4	10	13	2	12	3	9
Wisconsin	14	2	12	2	10	14	2	12	1	11
Wyoming	14	2	12	2	10	13	1	12	1	10
Other jurisdictions										
District of Columbia	17	6	11	1	10	17	4	13	1	12
DoDEA <sup>1</sup>	8	1	7	2	5	10	2	8	1	7
Puerto Rico	—	—	—	—	—	19	1	18	#	17

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-24. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>13</b>	<b>1</b>	<b>12</b>	<b>1</b>	<b>10</b>	<b>13</b>	<b>1</b>	<b>12</b>	<b>1</b>	<b>11</b>
Alabama	10	1	9	4	5	10	1	9	4	6
Alaska	14	1	13	1	12	14	2	13	1	12
Arizona	12	1	11	1	10	11	1	10	1	9
Arkansas	13	2	11	1	11	12	2	11	1	9
California	10	1	8	2	7	11	1	10	3	7
Colorado	11	1	10	1	9	11	1	10	1	9
Connecticut	15	2	13	1	12	16	1	15	2	13
Delaware	15	1	14	1	14	17	1	16	2	14
Florida	13	1	12	1	11	14	1	13	1	12
Georgia	12	1	10	2	9	12	1	11	1	10
Hawaii	12	1	11	2	8	11	1	10	3	7
Idaho	9	1	8	1	7	11	1	10	1	9
Illinois	13	1	13	1	12	13	#	13	1	11
Indiana	15	2	13	1	12	14	1	13	1	12
Iowa	13	1	12	1	12	13	1	12	1	11
Kansas	13	2	11	1	10	12	1	11	2	9
Kentucky	11	2	10	#	9	13	1	11	1	11
Louisiana	15	1	14	#	13	18	1	17	1	16
Maine	18	1	17	2	15	18	1	17	2	16
Maryland	13	1	12	#	11	15	1	13	1	12
Massachusetts	17	1	16	1	15	19	2	18	2	16
Michigan	13	2	11	2	9	13	2	11	1	10
Minnesota	13	1	11	4	8	13	2	11	4	8
Mississippi	8	1	8	1	6	10	1	10	1	8
Missouri	12	1	11	1	10	13	1	12	1	10
Montana	12	1	10	1	9	12	1	11	3	8
Nebraska	14	2	12	2	11	14	2	13	2	11
Nevada	11	1	10	1	9	10	1	9	2	8
New Hampshire	18	1	17	2	15	18	1	16	2	14
New Jersey	17	1	15	#	15	18	1	17	1	16
New Mexico	13	2	12	3	9	14	1	12	3	9
New York	16	2	15	#	15	17	1	17	1	16
North Carolina	14	1	13	1	12	15	1	14	1	12
North Dakota	14	3	11	1	10	14	2	12	2	11
Ohio	15	1	13	1	13	16	2	14	#	13
Oklahoma	16	1	14	2	13	16	1	15	2	14
Oregon	14	1	13	3	10	15	2	13	3	10
Pennsylvania	16	1	15	2	13	17	2	15	1	14
Rhode Island	15	1	14	1	13	16	1	14	2	13
South Carolina	12	1	11	2	9	12	1	11	2	10
South Dakota	11	1	10	2	8	12	1	10	3	7
Tennessee	11	2	10	1	9	14	2	13	1	12
Texas	11	1	10	1	9	12	2	10	1	9
Utah	11	1	10	1	9	11	1	10	1	8
Vermont	17	1	17	2	15	19	1	18	1	16
Virginia	13	1	12	2	10	14	2	12	2	10
Washington	12	2	10	1	9	12	1	12	1	10
West Virginia	13	2	11	2	9	14	2	13	2	11
Wisconsin	14	1	13	1	12	14	1	13	1	11
Wyoming	14	1	13	1	11	14	1	13	1	12
Other jurisdictions										
District of Columbia	18	#	17	#	17	19	1	18	#	18
DoDEA <sup>1</sup>	11	1	10	1	8	10	1	10	1	8
Puerto Rico	23	#	23	#	23	24	#	24	1	23

See notes at end of table.



# National Center for Education Statistics

## 2019 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

Table A-24. Percentage of eighth-grade public school students identified as students with disabilities excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>14</b>	<b>1</b>	<b>13</b>	<b>3</b>	<b>10</b>	<b>15</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>11</b>
Alabama	11	1	10	5	4	12	1	11	5	6
Alaska	14	1	12	2	10	14	1	13	2	11
Arizona	10	1	9	2	7	13	1	12	3	9
Arkansas	14	2	12	2	10	15	2	14	2	12
California	12	1	11	4	6	12	1	11	3	9
Colorado	12	1	10	3	8	12	1	11	2	9
Connecticut	16	1	14	3	12	18	1	16	4	12
Delaware	17	2	15	3	12	17	1	16	3	12
Florida	15	2	13	1	12	17	1	16	1	14
Georgia	13	1	11	2	10	15	2	13	1	12
Hawaii	11	2	9	5	4	11	1	9	5	5
Idaho	10	1	9	2	7	12	1	11	2	9
Illinois	14	1	13	1	12	14	1	14	1	12
Indiana	15	1	13	2	12	16	1	15	1	14
Iowa	13	1	12	1	11	14	1	13	1	12
Kansas	13	1	12	5	7	13	1	12	3	9
Kentucky	13	1	12	1	10	14	1	12	1	12
Louisiana	19	2	16	1	15	17	2	15	1	15
Maine	19	1	18	3	14	19	1	18	2	16
Maryland	13	1	12	1	11	13	1	12	#	12
Massachusetts	19	2	17	3	14	19	1	17	3	14
Michigan	13	2	11	2	9	13	2	11	2	9
Minnesota	13	2	11	6	5	15	2	13	6	7
Mississippi	10	1	10	2	8	12	1	11	2	9
Missouri	14	1	12	3	9	13	1	13	3	10
Montana	13	1	12	4	8	14	1	13	3	10
Nebraska	15	1	14	2	11	15	1	14	3	11
Nevada	11	1	9	4	5	12	1	11	5	6
New Hampshire	17	1	16	5	11	19	1	18	5	13
New Jersey	17	1	16	1	15	16	1	16	1	14
New Mexico	15	2	14	3	11	17	1	16	4	12
New York	17	1	17	1	15	19	1	18	1	17
North Carolina	14	2	13	4	9	14	1	13	2	10
North Dakota	14	1	13	4	8	13	1	12	3	10
Ohio	16	2	14	1	13	17	2	16	1	15
Oklahoma	17	1	15	3	13	15	2	13	3	10
Oregon	14	1	13	5	8	15	1	14	4	9
Pennsylvania	17	2	15	3	11	19	1	17	4	14
Rhode Island	16	2	15	3	12	15	1	14	2	12
South Carolina	13	1	12	7	6	14	1	13	4	9
South Dakota	13	2	11	7	4	13	1	12	6	6
Tennessee	14	2	12	2	10	12	1	11	2	9
Texas	14	2	12	1	10	14	1	13	2	11
Utah	11	1	10	2	8	14	1	13	3	10
Vermont	20	1	19	4	15	20	1	19	4	15
Virginia	13	1	12	4	8	15	2	13	2	10
Washington	14	1	12	3	9	13	1	12	3	9
West Virginia	15	2	13	5	8	17	1	15	5	11
Wisconsin	13	1	12	2	9	12	1	11	1	10
Wyoming	14	1	13	2	11	15	2	13	1	12
Other jurisdictions										
District of Columbia	18	1	17	2	15	20	1	19	1	17
DoDEA <sup>1</sup>	11	1	11	2	8	12	1	11	1	10
Puerto Rico	28	#	28	2	27	29	#	29	1	28

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

**Table A-25. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: 1992, 1996, and 2000**

State/jurisdiction	1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>3</b>
Alabama	#	#	#	#	#	#	1	#	#
Alaska	—	—	—	8	1	6	—	—	—
Arizona	8	2	6	12	7	6	16	7	9
Arkansas	1	#	#	#	#	#	1	#	1
California	22	10	12	26	12	14	27	7	20
Colorado	2	1	1	4	2	2	—	—	—
Connecticut	4	2	1	3	2	1	4	2	1
Delaware	1	1	#	2	1	1	—	—	—
Florida	4	2	2	6	3	3	—	—	—
Georgia	1	1	#	2	2	1	2	1	1
Hawaii	4	2	3	5	1	4	7	3	4
Idaho	2	1	1	—	—	—	5	2	4
Illinois	—	—	—	—	—	—	7	4	2
Indiana	#	#	#	#	#	#	1	1	#
Iowa	1	#	1	2	1	1	1	1	#
Kansas	—	—	—	—	—	—	5	2	3
Kentucky	#	#	#	#	#	#	#	#	#
Louisiana	1	#	1	1	1	#	1	1	1
Maine	#	#	#	#	#	#	1	#	#
Maryland	1	1	1	1	1	#	2	2	#
Massachusetts	3	1	2	4	2	1	6	3	3
Michigan	1	1	#	2	1	1	2	2	1
Minnesota	2	#	2	3	1	2	5	2	3
Mississippi	#	#	#	#	#	#	#	#	#
Missouri	#	#	#	1	#	#	1	#	#
Montana	—	—	—	#	#	#	2	#	2
Nebraska	1	#	1	2	1	1	4	3	1
Nevada	—	—	—	8	4	4	11	5	6
New Hampshire	#	#	#	—	—	—	—	—	—
New Jersey	4	2	1	2	1	1	—	—	—
New Mexico	4	1	2	10	5	5	20	6	14
New York	5	2	3	6	3	3	6	4	3
North Carolina	1	#	#	2	1	1	3	2	1
North Dakota	1	#	#	#	#	#	1	#	#
Ohio	1	#	1	—	—	—	1	#	#
Oklahoma	2	#	1	—	—	—	5	2	4
Oregon	—	—	—	6	3	3	6	2	3
Pennsylvania	1	1	#	1	1	#	—	—	—
Rhode Island	6	3	3	5	2	4	7	3	4
South Carolina	#	#	#	#	#	#	1	1	#
Tennessee	#	#	#	1	1	#	1	#	#
Texas	9	4	5	13	5	9	13	7	5
Utah	1	1	#	2	1	1	6	3	3
Vermont	—	—	—	1	#	#	2	1	1
Virginia	1	1	1	2	1	1	4	2	2
Washington	—	—	—	3	1	2	—	—	—
West Virginia	#	#	#	#	#	#	#	#	#
Wisconsin	1	1	1	2	1	1	5	3	3
Wyoming	1	#	1	1	#	#	2	1	2
Other jurisdictions									
District of Columbia	4	2	1	6	4	1	6	3	4
DoDEA <sup>1</sup>	—	—	—	2	1	1	3	1	2

— Not available.

# Rounds to zero.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1992 to 2000. 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), 1992, 1996, and 2000 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-26. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19

State/jurisdiction	2000						2003					
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations		Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	
<b>Nation (public)</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>5</b>	<b>1</b>		<b>11</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>2</b>	
Alabama	#	#	#	#	#		1	#	1	1	#	
Alaska	—	—	—	—	—		18	#	18	15	3	
Arizona	16	3	13	8	5		19	2	17	15	2	
Arkansas	1	#	1	1	#		4	1	3	2	#	
California	27	3	24	16	7		33	2	30	27	3	
Colorado	—	—	—	—	—		9	1	9	4	4	
Connecticut	3	1	2	1	1		4	1	3	1	2	
Delaware	—	—	—	—	—		3	1	2	1	1	
Florida	—	—	—	—	—		11	2	9	5	4	
Georgia	2	1	1	1	#		4	1	4	3	1	
Hawaii	7	3	4	4	#		7	2	5	3	2	
Idaho	5	2	4	3	1		7	1	6	5	2	
Illinois	7	2	5	2	3		9	2	7	4	3	
Indiana	1	1	1	#	1		3	#	2	2	1	
Iowa	2	1	1	1	#		4	1	3	2	1	
Kansas	5	#	5	4	1		3	#	3	1	1	
Kentucky	1	#	#	#	#		2	1	1	1	#	
Louisiana	1	#	#	#	#		2	#	2	#	1	
Maine	1	#	1	1	#		1	1	1	1	#	
Maryland	2	1	1	1	#		4	2	2	2	1	
Massachusetts	6	2	4	2	2		5	1	4	2	2	
Michigan	1	1	#	#	#		5	1	4	3	1	
Minnesota	5	1	4	2	3		6	1	5	3	2	
Mississippi	#	#	#	#	#		1	1	#	#	#	
Missouri	1	1	1	1	#		2	1	2	#	1	
Montana	#	#	#	#	#		4	#	4	3	1	
Nebraska	3	1	2	2	#		5	1	4	3	1	
Nevada	11	4	7	6	1		17	2	14	11	4	
New Hampshire	—	—	—	—	—		3	1	2	1	1	
New Jersey	—	—	—	—	—		4	1	3	1	3	
New Mexico	20	2	18	12	6		29	2	27	18	9	
New York	6	3	3	1	2		8	3	4	2	3	
North Carolina	3	1	2	1	1		5	1	4	2	2	
North Dakota	1	#	1	1	#		4	#	4	3	1	
Ohio	#	#	#	#	#		2	1	1	#	1	
Oklahoma	5	1	5	3	1		7	1	6	5	1	
Oregon	6	1	4	2	2		12	1	11	6	5	
Pennsylvania	—	—	—	—	—		3	1	2	1	1	
Rhode Island	7	1	6	4	2		10	2	7	4	3	
South Carolina	1	1	#	#	#		2	#	2	1	#	
South Dakota	—	—	—	—	—		4	#	4	2	2	
Tennessee	1	1	1	1	#		1	#	1	1	#	
Texas	13	2	11	8	3		16	2	14	10	4	
Utah	6	1	5	3	2		12	1	10	8	3	
Vermont	#	#	#	#	#		2	#	2	1	1	
Virginia	4	2	2	1	1		8	2	6	2	3	
Washington	—	—	—	—	—		7	1	6	4	2	
West Virginia	#	#	#	#	#		#	#	#	#	#	
Wisconsin	5	1	4	2	3		7	1	6	2	3	
Wyoming	2	#	2	2	#		4	#	4	3	1	
Other jurisdictions												
District of Columbia	6	2	4	2	2		7	1	5	2	3	
DoDEA <sup>1</sup>	3	1	2	2	#		6	1	5	4	2	
Puerto Rico	—	—	—	—	—		—	—	—	—	—	

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-26. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005					2007				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>10</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>3</b>	<b>11</b>	<b>1</b>	<b>10</b>	<b>7</b>	<b>3</b>
Alabama	2	#	2	1	#	2	#	2	2	#
Alaska	19	1	19	11	7	16	1	15	9	6
Arizona	20	2	18	14	5	16	2	14	11	3
Arkansas	4	2	3	2	1	7	1	6	2	5
California	33	3	30	28	2	34	1	33	30	3
Colorado	11	1	11	4	7	15	#	14	7	7
Connecticut	5	1	4	2	2	7	#	7	2	5
Delaware	5	1	3	2	1	5	1	4	2	2
Florida	8	1	6	1	5	8	2	7	1	5
Georgia	3	1	2	1	1	3	#	3	1	2
Hawaii	8	1	7	4	3	10	1	9	5	4
Idaho	8	1	8	6	2	8	#	8	5	2
Illinois	9	1	9	6	3	9	1	8	4	3
Indiana	4	1	3	1	2	5	#	5	2	3
Iowa	4	#	4	2	2	5	#	5	2	3
Kansas	6	1	5	3	3	8	#	8	4	4
Kentucky	1	#	1	#	1	2	#	2	1	1
Louisiana	1	#	1	#	#	1	#	1	1	1
Maine	1	#	1	1	#	2	#	2	1	1
Maryland	4	1	3	1	2	4	1	4	1	3
Massachusetts	7	1	6	3	2	6	1	5	4	2
Michigan	3	1	3	1	1	2	#	2	1	1
Minnesota	7	1	7	4	3	8	1	7	4	3
Mississippi	1	#	#	#	#	1	#	1	1	#
Missouri	3	#	2	1	1	2	#	2	1	1
Montana	3	#	3	2	1	4	#	4	2	2
Nebraska	7	1	7	4	3	8	1	7	5	2
Nevada	17	1	15	10	5	22	2	21	11	9
New Hampshire	3	#	2	2	1	3	#	2	1	1
New Jersey	3	1	3	1	1	4	#	3	#	3
New Mexico	25	1	24	13	11	23	2	21	12	9
New York	6	1	5	1	4	9	1	8	1	7
North Carolina	6	1	6	2	4	7	1	7	2	4
North Dakota	2	#	1	1	#	3	1	2	1	1
Ohio	1	#	1	#	#	3	1	2	1	1
Oklahoma	6	1	5	3	2	5	#	5	4	1
Oregon	14	1	12	7	5	13	1	12	5	7
Pennsylvania	2	#	2	1	1	2	#	2	1	1
Rhode Island	7	1	6	2	4	7	1	6	3	4
South Carolina	2	#	2	1	#	4	#	4	2	1
South Dakota	4	#	3	2	2	4	#	4	3	1
Tennessee	2	1	2	1	#	2	#	2	1	1
Texas	15	2	13	9	4	16	2	14	9	5
Utah	12	1	11	7	4	12	1	11	8	4
Vermont	2	#	2	1	1	3	#	2	1	1
Virginia	8	1	7	2	5	8	1	7	3	4
Washington	9	1	8	5	3	9	1	8	4	4
West Virginia	#	#	#	#	#	1	#	1	1	#
Wisconsin	6	1	6	2	3	7	1	6	2	4
Wyoming	5	#	4	3	1	4	#	4	2	1
Other jurisdictions										
District of Columbia	5	1	4	1	2	8	2	6	1	5
DoDEA <sup>1</sup>	8	1	7	4	2	7	1	5	3	2
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-26. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>10</b>	<b>1</b>	<b>10</b>	<b>6</b>	<b>4</b>	<b>11</b>	<b>#</b>	<b>11</b>	<b>6</b>	<b>4</b>
Alabama	2	#	2	2	#	2	#	2	2	1
Alaska	10	#	10	3	7	14	1	13	4	9
Arizona	15	#	14	7	8	12	#	12	3	9
Arkansas	6	#	5	1	4	8	#	8	2	5
California	30	1	28	26	2	32	1	31	27	4
Colorado	11	#	10	5	6	16	#	16	8	7
Connecticut	6	1	5	1	5	6	#	6	1	5
Delaware	4	#	3	#	3	4	#	3	1	2
Florida	8	#	7	#	7	9	#	9	#	8
Georgia	4	#	4	1	3	5	#	5	2	3
Hawaii	10	#	10	4	6	11	#	11	6	5
Idaho	5	#	5	3	2	5	#	4	2	2
Illinois	8	1	7	2	5	8	1	7	2	6
Indiana	4	#	4	1	3	7	#	7	2	5
Iowa	5	#	4	1	3	6	#	5	1	4
Kansas	9	#	9	5	4	11	#	11	6	5
Kentucky	2	#	2	1	1	2	1	1	#	1
Louisiana	2	#	2	1	2	2	#	2	1	1
Maine	2	#	1	1	1	3	#	3	2	2
Maryland	6	1	5	1	4	6	1	5	1	5
Massachusetts	7	1	6	5	2	8	1	7	5	2
Michigan	3	#	3	2	1	4	#	3	3	1
Minnesota	8	1	8	4	4	10	#	9	5	4
Mississippi	1	#	1	#	1	2	#	2	1	1
Missouri	2	#	2	1	1	3	#	3	1	2
Montana	3	#	3	1	1	2	#	2	2	#
Nebraska	7	#	6	4	3	8	#	8	3	5
Nevada	20	1	20	8	12	27	#	26	8	18
New Hampshire	3	#	2	1	2	3	#	2	1	2
New Jersey	4	1	3	#	3	3	#	3	#	3
New Mexico	17	1	16	7	9	17	1	16	8	8
New York	8	1	7	#	7	9	1	9	#	8
North Carolina	6	#	5	2	4	7	#	7	4	3
North Dakota	2	#	1	1	1	3	#	3	1	1
Ohio	2	#	2	1	2	3	#	3	#	3
Oklahoma	4	#	4	2	2	6	1	5	3	3
Oregon	12	1	11	4	7	14	1	13	6	7
Pennsylvania	3	#	3	1	2	3	#	3	1	2
Rhode Island	6	1	6	2	3	6	#	6	4	2
South Carolina	5	#	5	2	2	6	#	6	3	2
South Dakota	2	#	2	1	1	5	#	4	2	2
Tennessee	2	#	2	#	2	4	#	3	#	3
Texas	21	1	20	16	4	22	1	21	16	4
Utah	9	1	8	3	5	7	#	6	3	4
Vermont	2	#	2	1	1	2	#	2	1	1
Virginia	7	#	6	2	5	7	#	7	2	5
Washington	10	#	10	4	5	11	#	11	4	7
West Virginia	#	#	#	#	#	1	#	1	#	#
Wisconsin	7	1	6	1	4	8	#	8	1	6
Wyoming	2	#	2	1	1	4	#	3	2	2
Other jurisdictions										
District of Columbia	8	1	6	1	5	7	1	6	1	5
DoDEA <sup>1</sup>	7	1	6	3	3	7	1	5	3	2
Puerto Rico	—	—	—	—	—	#	#	#	#	#

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-26. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>11</b>	<b>#</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>12</b>	<b>1</b>	<b>11</b>	<b>6</b>	<b>5</b>
Alabama	2	#	2	2	1	2	#	2	2	1
Alaska	14	#	14	2	11	15	#	15	5	9
Arizona	7	#	7	1	6	10	#	10	2	7
Arkansas	8	#	8	3	6	8	#	8	2	6
California	26	1	25	20	4	28	1	28	24	4
Colorado	14	#	14	8	6	14	#	14	10	4
Connecticut	6	#	6	#	5	7	1	7	2	5
Delaware	3	#	3	1	2	5	#	5	2	3
Florida	10	1	10	#	10	10	1	9	#	9
Georgia	5	#	5	1	3	6	#	5	2	4
Hawaii	8	1	7	4	4	8	1	7	4	3
Idaho	5	#	4	2	2	5	#	5	2	3
Illinois	9	#	8	1	7	10	1	10	3	6
Indiana	6	#	6	1	5	7	#	7	2	5
Iowa	6	#	5	1	5	8	1	7	1	6
Kansas	13	#	13	6	6	14	#	13	10	4
Kentucky	3	#	3	#	2	4	#	4	1	3
Louisiana	3	#	3	1	2	3	#	3	1	2
Maine	2	#	2	1	2	3	#	3	2	2
Maryland	8	#	8	1	7	9	#	8	2	6
Massachusetts	11	#	10	7	3	10	#	9	6	3
Michigan	8	#	8	5	3	5	#	4	3	2
Minnesota	8	#	8	5	4	10	#	9	6	3
Mississippi	2	#	1	1	1	2	#	2	1	1
Missouri	2	#	2	#	2	3	#	3	1	1
Montana	4	#	3	3	1	3	#	3	2	1
Nebraska	7	#	7	2	5	7	#	7	2	5
Nevada	23	#	22	4	18	24	1	24	9	15
New Hampshire	2	#	2	1	1	3	#	3	2	1
New Jersey	3	#	3	#	3	3	1	3	#	2
New Mexico	18	#	18	8	10	17	1	16	7	9
New York	8	1	7	#	7	8	1	8	#	7
North Carolina	7	#	6	3	4	7	#	6	3	3
North Dakota	2	#	2	1	1	2	#	2	1	1
Ohio	3	#	3	#	3	4	#	4	1	4
Oklahoma	7	#	6	3	3	7	#	6	4	3
Oregon	14	1	13	5	8	13	1	13	7	6
Pennsylvania	3	#	3	#	2	3	#	3	1	2
Rhode Island	7	#	6	2	4	8	1	7	4	3
South Carolina	7	#	7	4	3	8	#	7	5	3
South Dakota	4	#	4	1	3	3	#	3	1	2
Tennessee	4	#	4	#	4	5	#	5	1	3
Texas	23	1	23	12	11	23	1	22	11	11
Utah	6	#	6	1	5	5	1	4	3	1
Vermont	2	#	2	1	1	3	#	3	2	1
Virginia	7	#	7	2	5	7	1	6	1	5
Washington	9	#	9	2	7	13	#	13	6	7
West Virginia	1	#	1	#	#	1	#	1	1	#
Wisconsin	8	#	8	1	7	7	#	7	2	5
Wyoming	3	#	3	1	2	4	#	4	2	2
Other jurisdictions										
District of Columbia	7	1	6	1	6	7	1	6	2	4
DoDEA <sup>1</sup>	6	1	6	2	3	9	#	8	4	4
Puerto Rico	1	#	1	#	1	1	#	1	#	#

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-26. Percentage of fourth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>12</b>	<b>1</b>	<b>11</b>	<b>7</b>	<b>5</b>	<b>13</b>	<b>1</b>	<b>12</b>	<b>7</b>	<b>6</b>
Alabama	4	#	3	2	1	5	#	5	3	1
Alaska	14	#	14	9	5	15	#	15	9	7
Arizona	11	1	10	4	7	8	#	8	4	4
Arkansas	10	#	10	3	7	8	#	8	2	5
California	27	1	25	22	4	25	1	24	19	4
Colorado	15	1	14	10	4	15	1	14	10	4
Connecticut	9	1	8	2	6	11	1	10	4	6
Delaware	10	1	9	5	4	16	1	15	10	6
Florida	9	1	8	#	7	11	1	10	1	9
Georgia	5	1	5	2	3	11	#	11	5	6
Hawaii	7	2	5	4	1	14	1	13	11	2
Idaho	6	#	6	4	2	9	#	8	6	2
Illinois	12	1	11	5	6	16	#	16	9	7
Indiana	6	#	6	3	3	10	#	10	2	8
Iowa	6	1	5	2	4	7	1	6	2	5
Kansas	13	1	12	10	2	12	#	12	9	2
Kentucky	3	#	3	1	2	5	#	5	1	4
Louisiana	5	#	5	1	4	4	#	4	#	3
Maine	4	#	3	2	1	5	#	4	2	2
Maryland	11	1	10	3	8	14	1	13	4	9
Massachusetts	10	1	9	6	4	14	1	13	7	5
Michigan	8	1	8	6	1	11	#	10	6	4
Minnesota	9	1	9	8	1	13	#	12	10	2
Mississippi	3	#	3	1	2	3	#	3	2	2
Missouri	4	#	4	1	2	6	#	6	4	2
Montana	3	#	3	2	1	4	#	4	3	1
Nebraska	9	1	8	3	6	7	#	7	3	4
Nevada	18	1	18	13	4	21	1	20	15	5
New Hampshire	4	#	3	2	2	5	#	4	3	1
New Jersey	5	1	4	1	3	8	1	8	1	7
New Mexico	17	1	17	8	9	21	1	21	11	10
New York	10	1	9	2	7	10	1	9	2	7
North Carolina	5	1	5	2	3	11	#	11	6	4
North Dakota	2	#	2	1	1	4	#	4	2	2
Ohio	4	#	4	2	2	2	#	2	1	1
Oklahoma	9	#	8	4	4	11	1	11	6	5
Oregon	16	1	15	11	5	11	#	11	7	4
Pennsylvania	4	1	4	2	2	5	#	5	2	3
Rhode Island	9	1	7	3	4	13	1	12	5	7
South Carolina	8	#	8	6	2	6	#	6	4	2
South Dakota	2	#	2	1	1	5	#	5	3	2
Tennessee	5	1	5	2	3	9	1	8	1	7
Texas	25	1	24	13	11	23	1	22	11	11
Utah	9	1	8	6	2	11	1	10	8	2
Vermont	3	#	2	1	1	3	#	3	2	2
Virginia	10	1	9	5	4	12	#	11	6	5
Washington	14	1	13	11	2	15	1	14	9	5
West Virginia	1	#	1	1	#	1	#	1	1	#
Wisconsin	8	#	8	4	4	8	#	8	4	4
Wyoming	3	#	2	1	1	4	#	4	2	2
Other jurisdictions										
District of Columbia	8	1	8	2	5	13	1	13	2	11
DoDEA <sup>1</sup>	9	1	9	5	4	11	1	10	5	6
Puerto Rico	#	#	#	#	#	#	#	#	#	#

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-27. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were not permitted, by state/jurisdiction: Various years, 1990–2000

State/jurisdiction	1990			1992			1996			2000		
	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed	Identified	Excluded	Assessed
<b>Nation (public)</b>	—	—	—	2	2	1	3	1	2	4	2	3
Alabama	#	#	#	#	#	#	#	#	#	1	#	#
Alaska	—	—	—	—	—	—	5	1	4	—	—	—
Arizona	5	1	4	6	2	4	9	4	5	10	4	6
Arkansas	#	#	#	#	#	#	1	#	#	2	1	1
California	8	4	4	13	5	8	13	6	7	19	4	15
Colorado	1	1	#	1	1	1	2	1	1	—	—	—
Connecticut	2	1	1	3	1	1	2	2	1	2	1	1
Delaware	1	#	#	1	#	1	1	#	#	—	—	—
Florida	2	2	1	4	2	2	4	3	1	—	—	—
Georgia	#	#	#	1	#	#	2	1	#	1	1	#
Hawaii	3	1	2	5	2	3	4	1	2	6	2	4
Idaho	1	#	#	1	#	#	—	—	—	4	1	3
Illinois	1	1	#	—	—	—	—	—	—	5	2	3
Indiana	#	#	#	1	#	#	1	#	1	2	1	1
Iowa	#	#	#	1	#	1	#	#	#	—	—	—
Kansas	—	—	—	—	—	—	—	—	—	5	2	2
Kentucky	#	#	#	#	#	#	#	#	#	1	#	#
Louisiana	#	#	#	#	#	#	1	#	1	#	#	#
Maine	—	—	—	#	#	#	1	#	1	1	#	1
Maryland	1	1	1	1	1	1	1	1	#	2	1	#
Massachusetts	—	—	—	4	2	1	2	1	#	4	3	1
Michigan	#	#	#	1	#	#	1	1	1	1	1	#
Minnesota	1	#	1	#	#	#	1	#	1	2	1	1
Mississippi	—	—	—	#	#	#	#	#	#	#	#	#
Missouri	—	—	—	1	#	#	1	1	#	1	#	#
Montana	#	#	#	—	—	—	#	#	#	1	#	1
Nebraska	#	#	#	1	#	#	1	1	#	2	1	1
Nevada	—	—	—	—	—	—	7	3	4	5	3	2
New Hampshire	#	#	#	#	#	#	#	#	#	—	—	—
New Jersey	2	2	1	3	1	1	3	2	1	—	—	—
New Mexico	1	1	1	3	1	2	6	4	2	11	4	8
New York	4	2	2	3	3	1	5	3	2	6	4	2
North Carolina	#	#	#	#	#	#	1	1	#	3	3	#
North Dakota	1	#	1	1	#	1	#	#	#	1	#	#
Ohio	#	#	#	#	#	#	—	—	—	1	1	#
Oklahoma	1	#	#	1	#	1	—	—	—	2	1	1
Oregon	1	#	1	—	—	—	2	1	1	5	3	2
Pennsylvania	#	#	#	1	#	1	—	—	—	—	—	—
Rhode Island	4	2	2	4	2	2	4	2	2	4	3	1
South Carolina	—	—	—	#	#	#	#	#	#	#	#	#
Tennessee	—	—	—	#	#	#	#	#	#	1	1	#
Texas	5	2	3	6	2	4	7	3	4	8	3	5
Utah	—	—	—	1	1	#	2	1	#	4	2	2
Vermont	—	—	—	—	—	—	1	#	1	1	1	#
Virginia	1	1	#	2	1	2	1	1	1	2	1	1
Washington	—	—	—	—	—	—	2	1	1	—	—	—
West Virginia	#	#	#	#	#	#	#	#	#	#	#	#
Wisconsin	1	#	#	1	#	1	1	1	#	1	1	#
Wyoming	1	#	#	#	#	#	1	#	1	2	#	1
Other jurisdictions												
District of Columbia	1	1	#	3	2	1	4	3	2	4	3	2
DoDEA <sup>1</sup>	—	—	—	—	—	—	1	1	#	3	2	1

— Not available.

# Rounds to zero.

<sup>1</sup> 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. South Dakota did not participate in NAEP mathematics assessments from 1990 to 2000. 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), various years, 1990–2000 Mathematics Assessments.



# National Center for Education Statistics

## 2019 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

Table A-28. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19

State/jurisdiction	2000					2003				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>1</b>
Alabama	1	#	#	#	#	1	#	1	1	#
Alaska	—	—	—	—	—	11	#	11	10	1
Arizona	10	1	8	6	2	16	2	14	12	2
Arkansas	1	#	#	#	#	3	1	2	1	1
California	19	2	17	13	4	20	2	19	17	1
Colorado	—	—	—	—	—	5	1	4	2	2
Connecticut	2	2	1	#	1	4	1	3	1	1
Delaware	—	—	—	—	—	2	1	1	1	1
Florida	—	—	—	—	—	7	1	5	3	3
Georgia	2	1	#	#	#	2	1	2	1	1
Hawaii	6	1	4	4	#	6	1	5	3	2
Idaho	4	1	4	3	1	6	#	5	4	1
Illinois	5	2	3	3	#	4	1	3	1	2
Indiana	1	#	1	1	#	3	#	2	1	1
Iowa	—	—	—	—	—	2	#	2	1	1
Kansas	1	#	1	1	#	4	1	3	1	2
Kentucky	1	1	1	1	#	1	1	1	1	#
Louisiana	1	#	1	#	#	1	1	1	#	#
Maine	#	#	#	#	#	1	#	1	#	#
Maryland	2	1	1	1	#	3	1	2	2	#
Massachusetts	4	2	2	1	1	3	1	2	1	1
Michigan	#	#	#	#	#	3	1	2	1	1
Minnesota	3	1	3	2	#	4	1	3	2	1
Mississippi	#	#	#	#	#	1	#	#	#	#
Missouri	#	#	#	#	#	1	#	1	#	1
Montana	#	#	#	#	#	3	#	2	1	1
Nebraska	2	1	1	1	#	3	1	2	1	#
Nevada	5	1	4	3	#	7	1	6	5	2
New Hampshire	—	—	—	—	—	1	#	1	#	1
New Jersey	—	—	—	—	—	3	1	2	#	2
New Mexico	11	2	9	7	2	20	1	19	11	7
New York	6	2	4	3	1	6	2	4	1	3
North Carolina	2	1	1	1	#	4	1	3	1	2
North Dakota	1	#	1	1	#	2	#	2	1	1
Ohio	2	1	1	#	#	1	#	1	#	#
Oklahoma	2	#	1	1	#	5	1	5	3	1
Oregon	5	1	4	3	1	7	1	6	4	2
Pennsylvania	—	—	—	—	—	2	#	2	1	1
Rhode Island	4	1	3	2	1	5	2	4	2	2
South Carolina	1	#	#	#	#	1	#	1	1	#
South Dakota	—	—	—	—	—	3	#	3	2	1
Tennessee	1	1	1	1	#	3	1	2	2	#
Texas	8	2	6	5	1	8	2	6	5	1
Utah	4	#	3	3	1	7	1	6	5	2
Vermont	1	1	1	#	#	1	#	1	1	#
Virginia	3	1	2	1	1	4	2	2	1	1
Washington	—	—	—	—	—	5	1	4	3	1
West Virginia	#	#	#	#	#	1	#	#	#	#
Wisconsin	2	1	1	1	1	3	1	2	1	1
Wyoming	2	#	2	2	#	3	#	3	2	1
Other jurisdictions										
District of Columbia	4	2	2	1	2	5	1	4	2	2
DoDEA <sup>1</sup>	3	1	2	2	#	5	1	4	2	1
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-28. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2005					2007				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>6</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>2</b>
Alabama	1	#	1	1	#	2	#	2	2	#
Alaska	15	#	15	11	4	17	1	16	11	5
Arizona	14	2	12	10	2	10	1	9	7	2
Arkansas	1	1	1	#	#	3	#	3	1	2
California	21	1	20	18	2	22	1	21	19	2
Colorado	7	1	6	3	3	7	#	6	3	3
Connecticut	3	#	3	1	2	4	#	4	1	2
Delaware	4	1	2	2	1	3	1	2	1	1
Florida	6	1	4	1	3	6	1	5	1	4
Georgia	2	#	2	1	1	2	#	2	1	1
Hawaii	7	1	6	4	2	7	1	6	4	3
Idaho	6	1	6	4	2	6	#	5	4	2
Illinois	3	1	2	1	1	4	1	3	2	1
Indiana	2	#	2	1	1	4	#	3	2	1
Iowa	2	#	2	1	1	3	#	3	1	2
Kansas	4	1	3	2	1	4	#	4	3	1
Kentucky	1	#	1	#	1	2	#	1	#	1
Louisiana	1	#	1	#	1	1	#	1	1	1
Maine	1	#	1	#	1	2	#	1	1	#
Maryland	2	#	2	1	#	2	#	2	1	1
Massachusetts	3	1	2	1	1	3	1	3	1	1
Michigan	3	#	2	2	1	2	#	2	1	#
Minnesota	7	1	6	5	1	5	#	4	4	1
Mississippi	1	#	1	#	#	#	#	#	#	#
Missouri	1	#	1	#	1	2	#	2	1	1
Montana	5	#	4	2	2	5	#	4	3	2
Nebraska	3	#	3	2	1	3	1	2	1	1
Nevada	9	1	9	6	2	11	1	9	6	4
New Hampshire	1	#	1	#	1	2	#	2	1	1
New Jersey	2	1	1	#	1	4	1	3	1	2
New Mexico	17	2	15	9	6	17	2	15	11	4
New York	5	1	4	1	3	5	1	4	#	4
North Carolina	4	1	3	1	2	4	#	4	2	2
North Dakota	1	#	1	1	#	3	#	2	1	1
Ohio	1	#	1	#	#	1	#	1	#	#
Oklahoma	4	1	4	2	1	4	1	3	2	1
Oregon	8	1	7	5	3	9	1	8	5	3
Pennsylvania	1	#	1	#	#	2	1	1	#	1
Rhode Island	5	1	4	2	2	4	1	3	2	1
South Carolina	1	#	1	1	#	2	#	2	1	1
South Dakota	2	#	2	1	1	1	#	1	#	#
Tennessee	1	#	1	1	#	2	#	2	1	1
Texas	8	2	6	5	1	8	2	6	4	2
Utah	7	1	6	4	2	9	1	8	6	2
Vermont	1	#	1	#	#	2	#	1	1	1
Virginia	4	1	3	2	1	4	1	3	2	1
Washington	5	1	4	3	2	6	1	5	3	2
West Virginia	#	#	#	#	#	1	#	1	1	#
Wisconsin	4	1	3	1	1	5	1	3	1	2
Wyoming	4	#	4	3	1	3	#	3	1	1
Other jurisdictions										
District of Columbia	4	1	3	1	2	4	1	3	1	2
DoDEA <sup>1</sup>	4	1	4	2	1	5	1	3	2	1
Puerto Rico	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-28. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2009					2011				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>6</b>	<b>#</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>#</b>	<b>6</b>	<b>3</b>	<b>2</b>
Alabama	1	#	1	1	#	2	#	2	1	#
Alaska	11	1	10	4	6	11	1	10	3	7
Arizona	6	1	6	2	3	2	#	2	1	1
Arkansas	4	#	4	1	2	5	#	5	2	3
California	20	1	19	16	3	17	1	17	13	4
Colorado	7	#	7	3	4	7	#	7	4	3
Connecticut	3	#	3	1	2	4	#	4	1	3
Delaware	2	1	2	#	1	2	#	2	1	1
Florida	5	#	5	#	4	5	#	5	#	4
Georgia	2	#	2	#	1	2	#	2	#	1
Hawaii	7	1	6	3	3	9	1	9	5	3
Idaho	4	#	3	2	1	4	#	4	2	2
Illinois	3	1	3	1	2	4	#	3	2	2
Indiana	3	#	3	1	1	3	#	3	1	2
Iowa	2	#	2	1	1	3	#	3	1	2
Kansas	6	#	5	3	2	7	#	7	5	2
Kentucky	1	#	1	#	1	1	#	1	#	1
Louisiana	1	#	1	#	1	1	#	1	#	1
Maine	2	#	1	1	1	3	#	3	2	1
Maryland	3	#	2	#	2	3	1	2	#	2
Massachusetts	3	1	2	1	1	4	1	3	2	2
Michigan	2	#	2	1	1	2	#	2	1	1
Minnesota	5	1	5	3	2	5	#	5	3	2
Mississippi	1	#	1	#	#	1	#	1	#	#
Missouri	1	#	1	#	#	1	#	1	#	1
Montana	3	#	3	1	1	2	#	2	1	1
Nebraska	3	#	3	2	1	3	#	2	1	1
Nevada	8	#	8	4	4	10	1	9	5	4
New Hampshire	1	#	1	1	#	2	#	2	1	1
New Jersey	2	#	2	#	2	2	#	2	#	2
New Mexico	11	1	10	5	5	12	1	11	7	4
New York	5	1	4	#	4	6	#	5	#	5
North Carolina	5	#	5	2	3	5	#	5	2	3
North Dakota	2	1	1	1	#	2	#	2	1	1
Ohio	1	1	1	#	#	1	#	1	#	1
Oklahoma	3	#	3	2	1	3	1	3	1	1
Oregon	6	#	6	4	2	6	#	6	3	3
Pennsylvania	2	#	2	1	1	2	#	2	#	2
Rhode Island	3	1	3	1	2	3	#	3	1	2
South Carolina	3	#	3	1	1	4	#	4	2	3
South Dakota	2	#	1	1	#	2	#	2	1	1
Tennessee	1	#	1	#	1	2	#	1	#	1
Texas	7	1	6	4	1	9	1	8	6	1
Utah	5	#	4	3	2	5	1	4	2	2
Vermont	2	#	1	1	1	1	#	1	1	1
Virginia	4	#	3	1	2	6	1	5	3	2
Washington	4	#	3	2	2	5	#	5	3	2
West Virginia	#	#	#	#	#	1	#	1	#	#
Wisconsin	4	1	3	1	2	5	#	5	1	4
Wyoming	2	#	2	1	1	2	#	2	1	1
Other jurisdictions										
District of Columbia	4	1	3	1	2	6	1	5	1	4
DoDEA <sup>1</sup>	5	1	4	2	2	5	1	4	2	1
Puerto Rico	—	—	—	—	—	#	#	#	#	#

See notes at end of table.

# National Center for Education Statistics

**2019 Mathematics Grades 4 and 8 Assessment Report Cards: Summary Data Tables for National and State Sample Sizes, Table A-28. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued**

State/jurisdiction	2013					2015				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>6</b>	<b>#</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>#</b>	<b>6</b>	<b>3</b>	<b>3</b>
Alabama	1	#	1	1	#	1	#	1	1	1
Alaska	11	#	11	2	9	12	1	11	4	7
Arizona	2	#	1	#	1	4	#	4	1	2
Arkansas	7	#	6	2	4	7	#	7	3	4
California	13	1	12	9	3	15	#	14	10	4
Colorado	8	#	8	4	4	12	#	11	8	4
Connecticut	4	#	4	#	3	4	#	3	1	2
Delaware	2	#	2	#	1	3	#	2	1	1
Florida	5	1	4	#	4	7	1	6	#	5
Georgia	2	#	2	#	2	3	#	3	1	2
Hawaii	10	1	10	5	5	7	1	6	4	3
Idaho	3	#	3	1	2	3	#	3	1	2
Illinois	5	#	4	1	3	5	#	5	2	3
Indiana	4	#	3	1	3	6	#	5	2	3
Iowa	3	#	3	#	2	4	#	4	2	2
Kansas	8	#	8	5	2	11	#	10	9	2
Kentucky	2	#	2	#	1	1	#	1	#	1
Louisiana	1	#	1	#	1	1	#	1	#	1
Maine	2	#	2	#	1	3	#	3	2	#
Maryland	3	1	3	#	2	4	1	3	1	2
Massachusetts	6	1	5	3	2	6	#	5	3	3
Michigan	4	1	3	1	2	4	#	3	2	1
Minnesota	6	#	5	3	2	7	#	6	5	2
Mississippi	1	#	1	1	#	1	#	1	1	#
Missouri	1	#	1	#	1	2	#	2	1	1
Montana	2	#	2	1	1	2	#	2	1	#
Nebraska	3	#	2	1	2	3	1	2	1	1
Nevada	7	#	7	2	5	15	#	15	10	4
New Hampshire	2	#	2	#	2	2	#	2	#	1
New Jersey	2	#	1	#	1	2	1	2	#	2
New Mexico	14	#	13	7	6	14	1	13	8	5
New York	7	#	6	#	6	6	#	6	#	6
North Carolina	5	#	4	2	3	5	#	5	2	3
North Dakota	2	#	2	1	1	2	#	2	1	1
Ohio	2	#	2	#	1	3	1	3	1	2
Oklahoma	4	#	4	2	2	5	#	5	3	2
Oregon	4	#	3	1	2	3	1	3	1	1
Pennsylvania	3	#	3	#	2	3	1	2	1	1
Rhode Island	5	#	5	1	4	5	1	5	2	3
South Carolina	4	#	3	2	1	5	#	4	3	1
South Dakota	3	#	2	1	1	3	#	2	2	1
Tennessee	1	#	1	#	1	2	#	2	#	1
Texas	8	1	7	3	4	11	1	10	5	5
Utah	4	#	4	1	3	4	1	3	1	2
Vermont	1	#	1	#	1	2	#	2	#	1
Virginia	5	#	5	1	4	6	1	5	2	3
Washington	5	#	5	2	3	7	#	7	4	3
West Virginia	1	#	1	#	#	1	#	1	#	#
Wisconsin	5	#	5	1	4	4	#	4	2	2
Wyoming	2	#	2	#	2	3	#	3	1	1
Other jurisdictions										
District of Columbia	6	1	6	1	5	7	2	5	1	3
DoDEA <sup>1</sup>	4	#	3	2	2	5	#	5	3	2
Puerto Rico	#	#	#	#	#	1	#	#	#	#

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-28. Percentage of eighth-grade public school students identified as English language learners excluded and assessed in NAEP mathematics when accommodations were permitted, by state/jurisdiction: Various years, 2000–19—Continued

State/jurisdiction	2017					2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>Nation (public)</b>	<b>7</b>	<b>1</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>8</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>3</b>
Alabama	2	#	2	1	#	1	#	1	1	#
Alaska	12	1	11	6	6	12	#	12	5	6
Arizona	4	#	4	1	3	6	#	6	3	3
Arkansas	9	1	8	4	4	6	#	6	2	4
California	15	1	13	10	3	15	1	14	11	4
Colorado	10	1	9	7	3	8	#	8	5	3
Connecticut	5	1	4	1	2	5	1	4	2	2
Delaware	3	1	3	1	2	5	#	4	2	2
Florida	7	1	6	1	5	7	1	7	#	6
Georgia	3	#	2	#	2	3	#	3	1	2
Hawaii	6	1	5	3	2	6	1	5	4	1
Idaho	4	1	3	2	1	4	#	4	2	2
Illinois	5	1	5	2	3	7	#	6	2	4
Indiana	5	#	5	2	3	5	#	5	2	3
Iowa	4	#	3	1	2	5	#	5	1	4
Kansas	12	#	11	10	1	9	#	8	7	2
Kentucky	2	#	2	#	1	3	#	2	#	2
Louisiana	2	#	2	#	2	3	#	3	1	2
Maine	2	1	2	1	1	3	#	3	2	1
Maryland	5	1	4	1	4	6	1	6	1	5
Massachusetts	7	1	6	3	4	7	1	6	3	3
Michigan	7	1	6	4	1	6	#	6	3	3
Minnesota	7	1	6	5	1	6	#	6	4	2
Mississippi	2	#	1	1	1	2	#	2	1	1
Missouri	2	#	2	1	1	2	#	2	1	1
Montana	2	#	2	1	1	2	#	2	1	1
Nebraska	3	1	3	1	1	4	#	3	1	2
Nevada	14	1	13	10	3	14	1	13	10	3
New Hampshire	2	#	2	1	1	3	#	3	1	2
New Jersey	3	1	2	#	2	5	1	4	#	4
New Mexico	12	1	12	5	7	12	1	12	6	6
New York	7	1	6	1	5	7	1	6	1	5
North Carolina	4	1	3	2	2	4	#	4	2	2
North Dakota	3	#	2	1	1	2	#	2	1	1
Ohio	3	#	2	1	2	2	#	2	#	2
Oklahoma	5	#	5	3	2	6	1	6	3	3
Oregon	5	#	5	2	3	7	#	6	4	2
Pennsylvania	3	#	3	1	2	4	#	4	1	2
Rhode Island	6	1	5	1	4	8	1	7	3	4
South Carolina	7	#	7	6	1	7	#	7	6	1
South Dakota	3	1	2	2	#	3	#	3	2	1
Tennessee	3	#	2	1	2	3	#	3	1	2
Texas	12	#	11	7	4	15	#	15	11	4
Utah	5	#	5	2	3	6	#	5	3	2
Vermont	1	#	1	1	1	1	#	1	#	1
Virginia	6	1	5	2	3	5	1	5	2	3
Washington	6	#	6	3	2	9	1	8	6	3
West Virginia	1	#	1	1	#	#	#	#	#	#
Wisconsin	5	#	5	2	3	5	#	5	2	3
Wyoming	2	#	2	1	1	2	#	2	1	1
Other jurisdictions										
District of Columbia	8	1	6	1	5	7	1	6	1	6
DoDEA <sup>1</sup>	5	1	4	2	2	6	#	5	3	3
Puerto Rico	#	#	#	#	#	#	#	#	#	#

— Not available.

# Rounds to zero.

<sup>1</sup> 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. 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), various years, 2000–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-29. Percentage of fourth-grade public 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: 2019

State/jurisdiction	Percentage of identified SD and/or ELL students											
	SD and/or ELL				SD				ELL			
	Excluded	Assessed	Assessed	Assessed	Excluded	Assessed	Assessed	Assessed	Excluded	Assessed	Assessed	Assessed
without accom- modations			with accom- modations	without accom- modations			with accom- modations	without accom- modations			with accom- modations	
<b>Nation (public)</b>	<b>7</b>	<b>93</b>	<b>37</b>	<b>56</b>	<b>10</b>	<b>90</b>	<b>21</b>	<b>69</b>	<b>5</b>	<b>95</b>	<b>52</b>	<b>43</b>
Alabama	8	92	47	45	7	93	40	52	9	91	65	26
Alaska	2	98	41	56	2	98	25	73	2	98	56	42
Arizona	5	95	35	60	7	93	27	67	1	99	47	51
Arkansas	5	95	20	75	6	94	15	80	3	97	29	67
California	8	92	68	24	16	84	36	48	6	94	77	17
Colorado	5	95	51	44	6	94	31	63	5	95	66	29
Connecticut	7	93	26	67	7	93	18	76	7	93	38	55
Delaware	5	95	38	57	6	94	15	79	4	96	61	35
Florida	8	92	10	82	8	92	12	80	7	93	6	87
Georgia	6	94	30	64	9	91	17	74	4	96	45	52
Hawaii	8	92	60	32	10	90	37	53	6	94	76	17
Idaho	7	93	46	47	10	90	26	64	2	98	70	28
Illinois	3	97	42	55	4	96	19	76	2	98	57	41
Indiana	5	95	19	75	8	92	18	75	4	96	19	77
Iowa	7	93	16	77	8	92	10	83	7	93	28	65
Kansas	6	94	51	43	8	92	28	64	3	97	77	20
Kentucky	8	92	24	68	9	91	24	67	9	91	22	69
Louisiana	8	92	10	81	9	91	11	80	5	95	8	87
Maine	4	96	19	77	4	96	12	84	4	96	51	45
Maryland	6	94	22	72	6	94	10	83	4	96	32	63
Massachusetts	8	92	30	62	8	92	12	80	8	92	53	39
Michigan	8	92	43	50	13	87	27	60	3	97	59	38
Minnesota	7	93	59	34	10	90	39	51	2	98	80	18
Mississippi	6	94	30	65	6	94	26	69	5	95	44	51
Missouri	6	94	36	58	6	94	26	67	5	95	58	37
Montana	7	93	43	50	8	92	35	58	4	96	79	17
Nebraska	5	95	30	64	6	94	26	68	4	96	38	58
Nevada	6	94	63	31	12	88	44	44	3	97	72	24
New Hampshire	6	94	28	67	6	94	17	77	5	95	65	29
New Jersey	7	93	7	86	7	93	8	85	6	94	6	87
New Mexico	4	96	42	53	8	92	26	66	2	98	50	47
New York	11	89	13	76	13	87	11	77	10	90	16	74
North Carolina	6	94	36	58	10	90	16	74	3	97	57	40
North Dakota	8	92	31	60	9	91	25	66	6	94	54	40
Ohio	13	87	12	75	14	86	10	76	12	88	23	65
Oklahoma	7	93	37	56	10	90	25	65	4	96	53	42
Oregon	5	95	55	39	7	93	46	47	4	96	63	33
Pennsylvania	11	89	26	63	12	88	21	67	7	93	40	53
Rhode Island	7	93	25	69	6	94	8	86	7	93	41	53
South Carolina	5	95	42	53	5	95	32	64	6	94	67	27
South Dakota	5	95	51	45	5	95	47	48	4	96	59	37
Tennessee	10	90	25	65	10	90	32	58	8	92	11	81
Texas	7	93	34	59	14	86	10	76	3	97	47	50
Utah	7	93	57	35	9	91	42	49	5	95	73	21
Vermont	5	95	26	69	5	95	23	73	7	93	45	47
Virginia	5	95	36	59	7	93	21	72	4	96	52	45
Washington	10	90	48	42	16	84	31	54	6	94	62	32
West Virginia	5	95	44	51	5	95	43	52	‡	‡	‡	‡
Wisconsin	6	94	35	59	8	92	26	66	2	98	47	50
Wyoming	5	95	25	71	5	95	17	78	4	96	55	41
Other jurisdictions												
District of Columbia	6	94	10	85	6	94	4	90	5	95	16	79
DoDEA <sup>1</sup>	7	93	32	61	6	94	22	72	8	92	41	51
Puerto Rico	#	100	5	95	#	100	5	95	‡	‡	‡	‡

‡ Reporting standards not met.

<sup>1</sup> 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.

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), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

**Table A-30. Percentage of eighth-grade public 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: 2019**

State/jurisdiction	Percentage of identified SD and/or ELL students											
	SD and/or ELL				SD				ELL			
	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations
<b>Nation (public)</b>	<b>8</b>	<b>92</b>	<b>29</b>	<b>64</b>	<b>8</b>	<b>92</b>	<b>15</b>	<b>77</b>	<b>7</b>	<b>93</b>	<b>52</b>	<b>42</b>
Alabama	10	90	41	48	10	90	38	52	‡	‡	‡	‡
Alaska	5	95	31	64	7	93	16	78	4	96	44	52
Arizona	9	91	28	63	10	90	22	68	8	92	39	54
Arkansas	9	91	16	76	10	90	10	79	5	95	28	68
California	7	93	53	41	9	91	22	70	6	94	69	25
Colorado	6	94	38	56	7	93	20	73	5	95	59	36
Connecticut	9	91	25	66	8	92	22	70	14	86	35	51
Delaware	9	91	25	67	8	92	20	72	9	91	42	49
Florida	8	92	7	85	8	92	8	84	9	91	4	87
Georgia	10	90	12	79	11	89	8	81	4	96	29	67
Hawaii	14	86	54	32	13	87	44	43	17	83	69	15
Idaho	8	92	26	65	9	91	17	73	4	96	50	46
Illinois	5	95	18	77	5	95	8	87	5	95	35	60
Indiana	8	92	16	76	8	92	8	83	7	93	39	54
Iowa	6	94	14	80	7	93	8	85	3	97	27	70
Kansas	6	94	46	48	7	93	24	68	5	95	77	18
Kentucky	11	89	8	81	11	89	7	83	13	87	12	75
Louisiana	11	89	7	83	11	89	4	85	11	89	21	68
Maine	5	95	18	77	5	95	12	82	‡	‡	‡	‡
Maryland	9	91	5	86	8	92	3	89	8	92	9	83
Massachusetts	10	90	23	67	8	92	15	77	16	84	43	40
Michigan	13	87	29	58	16	84	18	65	5	95	53	42
Minnesota	10	90	46	45	12	88	38	50	7	93	64	29
Mississippi	8	92	21	70	8	92	14	78	‡	‡	‡	‡
Missouri	5	95	23	72	5	95	19	76	‡	‡	‡	‡
Montana	6	94	27	67	6	94	22	71	‡	‡	‡	‡
Nebraska	7	93	22	72	7	93	17	76	6	94	38	56
Nevada	5	95	58	36	7	93	41	52	5	95	70	25
New Hampshire	5	95	28	67	5	95	26	70	‡	‡	‡	‡
New Jersey	8	92	7	84	5	95	8	87	19	81	6	76
New Mexico	7	93	37	56	9	91	24	68	6	94	50	45
New York	6	94	6	88	5	95	3	92	10	90	15	74
North Carolina	8	92	23	69	7	93	18	75	10	90	38	52
North Dakota	8	92	23	69	8	92	20	72	‡	‡	‡	‡
Ohio	8	92	6	86	9	91	4	87	5	95	19	76
Oklahoma	11	89	27	62	12	88	20	68	9	91	43	48
Oregon	8	92	39	53	8	92	29	63	7	93	60	33
Pennsylvania	7	93	23	70	7	93	19	74	5	95	36	58
Rhode Island	6	94	24	70	5	95	13	83	9	91	41	50
South Carolina	7	93	47	46	8	92	30	62	3	97	77	20
South Dakota	9	91	49	43	10	90	46	44	‡	‡	‡	‡
Tennessee	12	88	17	72	11	89	15	74	14	86	22	64
Texas	6	94	45	49	8	92	12	80	3	97	70	27
Utah	5	95	32	63	5	95	20	75	5	95	58	37
Vermont	7	93	20	73	7	93	19	74	‡	‡	‡	‡
Virginia	12	88	22	66	13	87	17	71	12	88	36	52
Washington	8	92	40	51	8	92	24	68	10	90	62	28
West Virginia	7	93	29	64	7	93	28	65	‡	‡	‡	‡
Wisconsin	7	93	20	72	7	93	10	83	8	92	43	49
Wyoming	10	90	15	74	11	89	10	80	‡	‡	‡	‡
Other jurisdictions												
District of Columbia	6	94	7	86	5	95	6	88	11	89	10	78
DoDEA <sup>1</sup>	8	92	24	68	8	92	12	80	7	93	46	47
Puerto Rico	#	100	3	97	#	100	2	97	‡	‡	‡	‡

‡ Reporting standards not met.

<sup>1</sup> 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. 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), 2019 Mathematics Assessment.

# National Center for Education Statistics

2019 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

Table A-31. Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19

SD/ELL category and urban district/jurisdiction	2003					2005				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	<b>22</b>	<b>4</b>	<b>18</b>	<b>10</b>	<b>8</b>	<b>23</b>	<b>3</b>	<b>20</b>	<b>10</b>	<b>10</b>
<b>Large city<sup>1</sup> (public)</b>	<b>31</b>	<b>5</b>	<b>25</b>	<b>17</b>	<b>9</b>	<b>32</b>	<b>4</b>	<b>28</b>	<b>17</b>	<b>11</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	9	1	8	4	4	11	1	9	3	6
Austin	—	—	—	—	—	37	10	27	12	14
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	33	5	28	11	17	33	6	27	11	15
Charlotte	21	4	17	5	12	22	3	19	7	12
Chicago	31	8	23	16	7	29	4	25	15	9
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	15	7	8	3	5	17	6	12	2	9
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	18	4	14	4	10	20	6	14	4	10
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	45	8	37	19	18	46	7	38	17	21
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	60	3	56	48	8	59	5	54	47	7
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	22	6	16	4	12	24	4	19	2	17
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	41	2	38	34	4	43	4	39	33	6
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>7</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>4</b>	<b>8</b>
<b>Large city<sup>1</sup> (public)</b>	<b>13</b>	<b>3</b>	<b>9</b>	<b>4</b>	<b>6</b>	<b>13</b>	<b>3</b>	<b>10</b>	<b>3</b>	<b>7</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	8	1	7	3	4	9	1	8	2	6
Austin	—	—	—	—	—	15	7	8	2	6
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	20	3	16	4	12	22	5	17	3	14
Charlotte	17	3	14	3	10	13	2	11	3	8
Chicago	15	5	10	4	6	13	4	10	3	7
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	12	5	6	2	5	13	5	8	1	8
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	13	4	10	2	7	16	5	11	2	8
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	18	7	11	8	3	12	5	7	3	4
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	11	2	9	5	4	11	3	8	3	5
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	12	1	12	1	10	14	2	11	1	11
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	11	1	10	7	3	11	2	9	4	4
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	<b>11</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>2</b>	<b>10</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>3</b>
<b>Large city<sup>1</sup> (public)</b>	<b>21</b>	<b>3</b>	<b>18</b>	<b>14</b>	<b>4</b>	<b>21</b>	<b>2</b>	<b>19</b>	<b>14</b>	<b>5</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	2	#	2	1	#	2	#	2	1	1
Austin	—	—	—	—	—	25	5	20	11	9
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	18	3	15	8	7	15	3	12	9	3
Charlotte	8	2	6	2	4	10	1	8	4	4
Chicago	20	5	15	13	2	18	2	16	12	4
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	4	1	2	1	1	4	1	3	2	2
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	7	1	5	2	3	5	1	4	1	2
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	35	4	31	14	17	37	4	33	15	18
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	56	2	53	47	6	54	4	50	45	5
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	13	6	7	3	4	12	3	9	1	8
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	34	2	32	30	2	36	3	33	30	3
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.



# National Center for Education Statistics

2019 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

Table A-31. Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2007					2009				
	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	<b>23</b>	<b>3</b>	<b>20</b>	<b>10</b>	<b>10</b>	<b>23</b>	<b>2</b>	<b>20</b>	<b>9</b>	<b>11</b>
<b>Large city<sup>1</sup> (public)</b>	<b>33</b>	<b>4</b>	<b>29</b>	<b>17</b>	<b>12</b>	<b>31</b>	<b>3</b>	<b>28</b>	<b>14</b>	<b>14</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	12	2	11	4	7	12	1	11	4	7
Austin	40	5	34	17	18	44	5	39	20	19
Baltimore City	—	—	—	—	—	19	9	11	1	9
Boston	47	5	42	25	17	35	6	30	13	16
Charlotte	22	3	19	7	12	19	2	17	4	13
Chicago	32	5	26	17	10	24	4	20	7	13
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	23	13	10	1	8	25	10	15	2	13
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	20	3	17	7	10
District of Columbia (DCPS)	20	6	14	2	13	21	5	17	3	14
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	38	3	34	29	5
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	45	4	41	23	18	43	3	40	22	17
Jefferson County (KY)	—	—	—	—	—	19	3	15	5	10
Los Angeles	53	1	51	44	8	46	1	44	37	7
Miami-Dade	—	—	—	—	—	21	3	18	2	16
Milwaukee	—	—	—	—	—	30	7	23	2	20
New York City	29	2	27	2	25	31	2	29	1	28
Philadelphia	—	—	—	—	—	22	4	18	2	15
San Diego	46	3	43	36	7	43	3	40	32	7
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	<b>14</b>	<b>3</b>	<b>11</b>	<b>3</b>	<b>8</b>	<b>13</b>	<b>2</b>	<b>11</b>	<b>3</b>	<b>8</b>
<b>Large city<sup>1</sup> (public)</b>	<b>13</b>	<b>3</b>	<b>10</b>	<b>3</b>	<b>7</b>	<b>13</b>	<b>2</b>	<b>11</b>	<b>2</b>	<b>9</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	10	2	8	4	5	10	1	9	3	6
Austin	13	4	9	2	7	16	4	12	2	10
Baltimore City	—	—	—	—	—	17	8	9	1	8
Boston	22	4	18	3	15	22	5	17	3	15
Charlotte	12	2	10	2	8	12	2	11	2	9
Chicago	14	4	10	4	6	14	3	12	3	8
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	17	13	5	#	4	20	10	10	#	10
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	15	3	12	3	8
District of Columbia (DCPS)	14	5	9	1	8	15	4	10	2	9
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	11	3	7	3	5
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	10	3	7	2	4	7	2	5	1	4
Jefferson County (KY)	—	—	—	—	—	15	3	13	5	8
Los Angeles	11	1	9	4	5	10	1	9	3	7
Miami-Dade	—	—	—	—	—	13	2	11	1	10
Milwaukee	—	—	—	—	—	19	6	13	1	12
New York City	16	1	15	1	14	19	1	18	1	17
Philadelphia	—	—	—	—	—	15	4	11	2	9
San Diego	12	2	9	4	5	13	3	10	4	6
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	<b>11</b>	<b>1</b>	<b>10</b>	<b>7</b>	<b>3</b>	<b>10</b>	<b>1</b>	<b>10</b>	<b>6</b>	<b>4</b>
<b>Large city<sup>1</sup> (public)</b>	<b>22</b>	<b>1</b>	<b>21</b>	<b>14</b>	<b>6</b>	<b>20</b>	<b>1</b>	<b>19</b>	<b>12</b>	<b>7</b>
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	3	#	2	#	2	2	#	2	#	2
Austin	29	2	27	15	12	32	2	30	18	12
Baltimore City	—	—	—	—	—	2	#	2	#	2
Boston	31	2	28	22	6	18	2	16	11	4
Charlotte	11	2	10	5	5	8	1	7	2	5
Chicago	20	2	18	13	5	12	2	10	4	6
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	7	1	5	1	4	7	2	5	1	4
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	6	#	6	4	2
District of Columbia (DCPS)	8	2	6	1	5	8	1	7	1	6
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	30	1	29	27	1
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	38	2	36	21	15	38	2	36	21	15
Jefferson County (KY)	—	—	—	—	—	4	1	2	1	2
Los Angeles	48	1	47	42	5	41	1	40	36	4
Miami-Dade	—	—	—	—	—	9	1	8	1	7
Milwaukee	—	—	—	—	—	12	2	10	1	9
New York City	17	2	15	1	13	16	1	15	1	14
Philadelphia	—	—	—	—	—	8	1	7	#	7
San Diego	40	1	38	34	4	35	1	34	30	4
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

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Table A-31. Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2011					2013				
	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	23	2	21	9	12	23	2	21	7	14
<b>Large city<sup>1</sup> (public)</b>	32	3	29	14	15	30	2	29	11	18
Albuquerque	30	3	27	7	19	31	1	30	9	20
Atlanta	11	1	10	1	8	12	1	11	1	10
Austin	45	4	41	24	17	45	2	43	12	31
Baltimore City	21	11	10	2	8	21	2	20	1	19
Boston	51	5	46	29	17	50	4	46	26	20
Charlotte	20	1	19	7	12	18	1	17	4	13
Chicago	29	2	27	7	20	24	1	23	3	19
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	28	6	22	1	21	28	4	23	1	22
Dallas	56	3	53	45	8	57	2	55	20	35
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	26	6	20	14	6	31	5	26	11	14
District of Columbia (DCPS)	23	6	16	1	15	22	2	20	1	18
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	36	1	35	28	7	34	1	33	25	8
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	30	2	28	2	26	26	1	25	2	23
Houston	44	4	40	26	14	46	2	44	16	27
Jefferson County (KY)	19	5	14	5	9	18	2	16	4	12
Los Angeles	39	2	37	28	9	33	2	31	22	10
Miami-Dade	27	3	24	1	23	32	2	29	1	28
Milwaukee	33	3	30	3	28	32	3	29	2	27
New York City	30	2	29	1	27	30	1	28	1	28
Philadelphia	22	4	18	2	16	22	3	18	2	16
San Diego	43	3	41	32	8	40	1	38	26	12
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	13	2	11	3	9	14	1	12	2	10
<b>Large city<sup>1</sup> (public)</b>	13	2	11	2	9	13	1	12	1	10
Albuquerque	15	2	13	2	11	16	1	15	2	14
Atlanta	9	1	8	1	7	10	1	9	1	8
Austin	15	3	12	2	10	15	2	13	1	12
Baltimore City	19	11	8	1	6	18	1	17	1	16
Boston	21	3	18	2	16	21	3	18	1	17
Charlotte	11	1	10	2	8	11	1	10	1	9
Chicago	15	2	13	3	10	13	1	12	1	11
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	22	5	17	1	16	22	4	18	1	17
Dallas	8	2	6	1	5	10	2	8	1	7
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	15	6	9	3	6	16	5	11	3	8
District of Columbia (DCPS)	16	5	10	#	10	15	1	14	1	13
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	10	1	9	2	7	9	1	8	1	7
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	17	1	16	2	14	19	1	18	2	16
Houston	8	3	5	1	4	8	1	7	1	7
Jefferson County (KY)	15	3	12	4	8	13	1	12	4	9
Los Angeles	12	2	10	1	9	9	2	8	1	7
Miami-Dade	12	2	10	1	10	11	1	10	1	8
Milwaukee	20	3	18	2	16	20	3	17	2	16
New York City	17	1	16	1	15	18	#	17	1	17
Philadelphia	16	4	12	1	11	16	3	13	1	12
San Diego	11	2	9	1	7	11	1	10	1	8
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	11	#	11	6	4	11	#	11	5	5
<b>Large city<sup>1</sup> (public)</b>	22	1	21	12	9	20	1	20	9	10
Albuquerque	18	1	17	6	11	20	1	19	8	11
Atlanta	2	#	2	#	2	3	#	3	#	3
Austin	33	2	32	23	9	34	1	34	11	22
Baltimore City	2	#	2	#	2	4	#	4	#	4
Boston	36	3	34	28	6	36	1	35	26	9
Charlotte	10	#	10	6	5	8	1	8	2	5
Chicago	18	1	17	4	13	15	1	14	2	12
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	7	1	6	#	6	8	1	7	#	7
Dallas	50	1	48	44	4	52	1	51	19	32
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	12	#	12	11	1	17	1	16	9	7
District of Columbia (DCPS)	8	1	7	1	6	8	1	7	1	7
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	30	#	30	27	3	27	#	27	24	3
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	17	1	16	#	16	10	#	10	#	10
Houston	38	2	36	25	11	40	1	39	16	23
Jefferson County (KY)	5	3	2	1	1	5	1	5	1	4
Los Angeles	34	1	33	27	6	28	1	27	21	6
Miami-Dade	17	1	16	#	15	25	2	23	#	23
Milwaukee	15	#	15	1	13	14	1	13	#	13
New York City	17	1	16	1	15	16	1	15	#	15
Philadelphia	8	#	7	1	6	8	1	7	1	5
San Diego	36	1	35	31	4	33	1	32	25	7
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-31. Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2015					2017				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	24	2	23	8	14	25	2	23	10	13
<b>Large city<sup>1</sup> (public)</b>	32	2	29	12	17	31	2	29	13	16
Albuquerque	33	2	31	9	22	30	1	29	12	17
Atlanta	14	2	12	2	10	16	1	15	2	13
Austin	50	4	46	17	29	50	3	47	13	34
Baltimore City	22	1	20	2	19	23	2	21	2	18
Boston	49	3	45	19	26	48	3	45	21	24
Charlotte	19	2	18	7	11	19	2	16	6	10
Chicago	25	2	23	6	16	29	3	27	7	20
Clark County (NV)	—	—	—	—	—	28	1	26	19	8
Cleveland	29	6	23	2	21	31	6	25	5	20
Dallas	56	4	53	29	24	60	4	56	23	33
Denver	—	—	—	—	—	46	3	43	33	11
Detroit	28	5	24	16	8	31	5	26	17	9
District of Columbia (DCPS)	20	2	17	2	15	23	3	20	5	16
Duval County (FL)	21	4	17	2	15	22	3	19	3	15
Fort Worth	—	—	—	—	—	52	4	48	33	16
Fresno	34	1	33	25	7	32	1	31	26	6
Guilford County (NC)	—	—	—	—	—	20	2	18	9	9
Hillsborough County (FL)	28	2	26	2	24	26	2	24	2	22
Houston	48	3	45	16	28	47	2	44	19	25
Jefferson County (KY)	20	2	18	7	11	20	2	18	6	12
Los Angeles	37	2	35	25	10	35	2	33	27	6
Miami-Dade	29	4	25	#	25	26	4	23	2	21
Milwaukee	—	—	—	—	—	32	3	29	7	21
New York City	32	2	31	1	30	31	2	29	3	25
Philadelphia	24	5	19	3	16	26	5	21	5	15
San Diego	46	3	42	35	8	41	2	38	28	10
Shelby County (TN)	—	—	—	—	—	18	4	15	4	11
<b>SD</b>										
<b>Nation (public)</b>	14	1	13	3	11	15	2	13	4	9
<b>Large city<sup>1</sup> (public)</b>	14	2	13	2	11	14	1	13	3	10
Albuquerque	17	1	15	2	13	17	1	16	5	11
Atlanta	10	1	9	1	8	13	1	12	2	11
Austin	17	2	15	2	13	19	2	17	2	16
Baltimore City	17	1	16	1	15	17	1	16	1	14
Boston	22	3	19	#	19	21	2	19	2	18
Charlotte	10	1	9	2	8	11	1	10	2	8
Chicago	14	2	12	1	12	16	2	14	1	13
Clark County (NV)	—	—	—	—	—	11	1	10	6	4
Cleveland	21	5	17	1	16	22	4	18	2	16
Dallas	8	2	6	1	6	10	2	8	1	7
Denver	—	—	—	—	—	11	1	10	5	5
Detroit	15	4	11	3	8	15	4	11	3	8
District of Columbia (DCPS)	13	1	12	#	12	15	2	14	2	12
Duval County (FL)	17	3	14	2	12	17	2	14	3	12
Fort Worth	—	—	—	—	—	13	2	11	3	8
Fresno	10	1	8	2	6	10	1	9	4	5
Guilford County (NC)	—	—	—	—	—	16	2	14	7	7
Hillsborough County (FL)	20	2	18	2	16	17	1	16	2	14
Houston	10	2	8	1	7	8	2	6	1	5
Jefferson County (KY)	13	1	11	4	7	14	1	12	4	8
Los Angeles	13	2	11	2	9	12	1	11	6	5
Miami-Dade	10	2	9	#	8	11	1	10	1	9
Milwaukee	—	—	—	—	—	18	2	16	4	12
New York City	22	1	22	1	21	21	1	20	2	18
Philadelphia	16	4	12	1	11	17	4	13	2	11
San Diego	12	3	10	3	7	13	1	12	4	7
Shelby County (TN)	—	—	—	—	—	11	3	8	3	5
<b>ELL</b>										
<b>Nation (public)</b>	12	1	11	6	5	12	1	11	7	5
<b>Large city<sup>1</sup> (public)</b>	21	1	20	11	9	21	1	19	10	9
Albuquerque	21	1	20	6	14	18	1	17	8	9
Atlanta	4	#	4	1	3	3	#	3	1	3
Austin	38	2	36	16	19	36	2	34	12	22
Baltimore City	5	#	4	#	4	7	1	6	1	5
Boston	33	1	32	19	13	34	2	32	20	12
Charlotte	11	1	10	5	5	9	1	8	5	3
Chicago	15	1	13	6	7	18	2	16	6	10
Clark County (NV)	—	—	—	—	—	20	1	19	14	6
Cleveland	10	2	8	1	7	11	2	9	3	5
Dallas	51	2	48	28	20	54	3	51	22	29
Denver	—	—	—	—	—	39	2	37	30	7
Detroit	14	#	13	13	#	16	1	16	14	2
District of Columbia (DCPS)	8	1	7	2	5	10	1	8	3	5
Duval County (FL)	5	1	4	#	3	6	1	5	1	4
Fort Worth	—	—	—	—	—	43	1	41	31	11
Fresno	27	1	27	24	3	25	#	24	22	2
Guilford County (NC)	—	—	—	—	—	6	#	5	2	3
Hillsborough County (FL)	12	#	12	#	12	12	1	11	#	11
Houston	41	1	40	16	24	41	1	40	19	22
Jefferson County (KY)	9	1	8	3	5	8	1	7	2	5
Los Angeles	31	1	30	24	6	30	2	28	24	4
Miami-Dade	22	3	20	#	19	18	3	15	1	15
Milwaukee	—	—	—	—	—	16	1	15	4	11
New York City	14	1	13	#	13	15	1	14	2	12
Philadelphia	10	1	9	2	6	11	1	9	3	6
San Diego	39	2	37	33	4	33	1	32	25	7
Shelby County (TN)	—	—	—	—	—	9	1	7	1	6

See notes at end of table.

# National Center for Education Statistics

## 2019 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

Table A-31. Percentage of fourth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>					
<b>Nation (public)</b>	27	2	25	10	15
<b>Large city<sup>1</sup> (public)</b>	33	3	30	13	17
Albuquerque	39	2	37	15	22
Atlanta	21	1	20	2	18
Austin	52	3	49	14	35
Baltimore City	25	2	23	2	21
Boston	50	4	46	21	25
Charlotte	27	2	25	14	11
Chicago	36	2	34	11	23
Clark County (NV)	32	2	31	20	11
Cleveland	31	4	27	5	23
Dallas	59	3	55	30	26
Denver	45	2	44	29	15
Detroit	29	5	24	17	7
District of Columbia (DCPS)	30	2	28	2	26
Duval County (FL)	27	2	25	2	23
Fort Worth	54	2	52	36	16
Fresno	33	2	31	25	6
Guilford County (NC)	27	1	25	10	16
Hillsborough County (FL)	30	3	27	3	24
Houston	48	2	45	23	22
Jefferson County (KY)	25	3	22	6	17
Los Angeles	31	2	29	19	10
Miami-Dade	32	4	29	2	27
Milwaukee	32	2	30	6	24
New York City	35	4	31	5	26
Philadelphia	30	6	24	10	14
San Diego	38	2	36	22	14
Shelby County (TN)	19	2	17	5	12
<b>SD</b>					
<b>Nation (public)</b>	16	2	14	3	11
<b>Large city<sup>1</sup> (public)</b>	15	2	13	3	11
Albuquerque	21	1	20	7	13
Atlanta	16	1	15	1	14
Austin	23	2	21	1	20
Baltimore City	17	#	16	1	15
Boston	23	2	21	3	18
Charlotte	11	2	10	2	8
Chicago	15	1	13	1	12
Clark County (NV)	11	1	10	5	6
Cleveland	22	3	19	2	17
Dallas	14	3	11	1	10
Denver	12	1	11	3	8
Detroit	14	4	10	5	6
District of Columbia (DCPS)	17	2	16	#	15
Duval County (FL)	22	2	20	1	19
Fort Worth	15	2	13	4	9
Fresno	12	2	10	4	6
Guilford County (NC)	15	1	14	4	10
Hillsborough County (FL)	21	2	19	2	17
Houston	9	2	8	1	7
Jefferson County (KY)	14	2	12	3	9
Los Angeles	13	1	11	4	7
Miami-Dade	14	2	13	1	12
Milwaukee	22	2	20	3	17
New York City	24	3	21	3	18
Philadelphia	17	4	13	3	10
San Diego	16	2	14	3	11
Shelby County (TN)	9	2	8	3	5
<b>ELL</b>					
<b>Nation (public)</b>	13	1	12	7	6
<b>Large city<sup>1</sup> (public)</b>	21	1	20	11	9
Albuquerque	23	1	22	10	13
Atlanta	7	1	6	1	5
Austin	36	1	34	13	22
Baltimore City	9	1	8	1	7
Boston	35	2	33	19	13
Charlotte	18	1	17	13	4
Chicago	25	1	24	11	14
Clark County (NV)	23	1	23	16	6
Cleveland	11	#	10	3	7
Dallas	51	2	49	30	20
Denver	38	1	37	26	10
Detroit	16	1	15	12	2
District of Columbia (DCPS)	16	1	15	2	13
Duval County (FL)	6	#	5	#	5
Fort Worth	44	1	44	33	10
Fresno	25	1	25	22	3
Guilford County (NC)	13	#	13	6	7
Hillsborough County (FL)	11	1	10	#	10
Houston	41	1	40	23	17
Jefferson County (KY)	13	1	11	3	8
Los Angeles	25	1	23	17	6
Miami-Dade	23	2	21	1	20
Milwaukee	13	1	12	3	9
New York City	16	2	14	3	12
Philadelphia	15	2	13	8	5
San Diego	29	1	28	20	8
Shelby County (TN)	10	1	10	2	8

— Not available.

# Rounds to zero.

<sup>1</sup> Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

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. DCPS = District of Columbia Public Schools. Beginning in 2009, if the results for charter schools are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education under the Elementary and Secondary Education Act, they are excluded from that district's Trial Urban District Assessment (TUDA) 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–19 Mathematics Assessments.

# National Center for Education Statistics

2019 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

Table A-32. Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19

SD/ELL category and urban district/jurisdiction	2003					2005				
	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations	Identified	Excluded	Assessed	Assessed without accommodations	Assessed with accommodations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	19	4	15	8	7	19	4	15	7	8
<b>Large city<sup>1</sup> (public)</b>	24	5	19	13	7	24	4	20	12	8
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	11	2	9	4	5	12	1	10	3	8
Austin	—	—	—	—	—	26	10	16	12	4
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	31	7	24	9	15	25	9	16	7	9
Charlotte	18	3	14	5	9	18	3	15	5	10
Chicago	22	7	15	8	7	21	3	18	5	12
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	21	9	12	2	9	20	9	12	3	9
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	20	6	14	5	9	19	6	14	2	11
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	26	8	18	16	3	24	6	18	14	4
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	37	2	35	29	6	39	3	36	30	6
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	24	5	19	6	14	20	2	18	2	16
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	29	4	26	22	4	28	4	24	17	7
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	14	3	11	5	6	13	3	10	3	7
<b>Large city<sup>1</sup> (public)</b>	14	3	11	5	5	13	3	10	3	6
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	10	1	9	4	5	11	1	9	3	7
Austin	—	—	—	—	—	14	8	6	5	2
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	24	4	20	7	13	18	7	11	3	8
Charlotte	14	3	12	4	8	12	2	10	2	8
Chicago	17	5	12	6	7	16	2	14	3	11
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	17	9	8	1	6	18	8	9	3	7
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	16	5	11	3	8	17	5	12	2	10
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	16	7	10	9	#	11	4	7	5	2
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	12	2	10	5	5	12	2	10	5	5
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	15	2	13	3	10	12	1	11	1	10
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	11	1	10	7	3	11	3	8	4	4
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	6	1	5	4	1	6	1	5	4	1
<b>Large city<sup>1</sup> (public)</b>	13	2	11	9	3	13	2	12	9	3
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	2	1	1	1	#	1	#	1	#	1
Austin	—	—	—	—	—	14	4	10	8	2
Baltimore City	—	—	—	—	—	—	—	—	—	—
Boston	13	5	8	4	4	10	4	6	5	1
Charlotte	7	1	6	3	3	7	1	6	4	2
Chicago	8	3	5	3	2	6	2	5	2	2
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	5	1	4	1	3	3	1	2	#	2
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	—	—	—	—	—
District of Columbia (DCPS)	5	1	4	2	2	4	1	3	1	2
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	—	—	—	—	—
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	16	5	11	9	2	16	3	12	10	3
Jefferson County (KY)	—	—	—	—	—	—	—	—	—	—
Los Angeles	33	2	31	27	4	34	2	32	28	4
Miami-Dade	—	—	—	—	—	—	—	—	—	—
Milwaukee	—	—	—	—	—	—	—	—	—	—
New York City	13	4	9	3	6	10	2	9	2	7
Philadelphia	—	—	—	—	—	—	—	—	—	—
San Diego	23	3	20	18	2	21	3	18	14	4
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

# National Center for Education Statistics

2019 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

Table A-32. Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2007					2009				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	18	4	14	6	8	18	3	15	5	10
<b>Large city<sup>1</sup> (public)</b>	23	4	19	10	9	23	3	20	9	11
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	11	3	8	2	6	12	1	10	1	9
Austin	29	5	23	16	8	29	7	23	13	9
Baltimore City	—	—	—	—	—	19	11	8	1	6
Boston	27	8	18	6	12	30	9	20	5	16
Charlotte	20	3	18	6	12	17	3	14	5	10
Chicago	23	6	17	5	12	21	4	17	3	13
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	24	13	11	2	9	28	11	17	2	15
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	23	5	18	7	11
District of Columbia (DCPS)	21	10	11	3	8	23	7	16	3	14
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	29	2	27	20	7
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	22	6	16	10	6	22	5	16	9	8
Jefferson County (KY)	—	—	—	—	—	15	4	11	4	7
Los Angeles	33	2	31	25	6	29	2	27	19	8
Miami-Dade	—	—	—	—	—	20	3	17	1	16
Milwaukee	—	—	—	—	—	26	4	22	2	20
New York City	22	2	20	1	19	23	2	21	1	20
Philadelphia	—	—	—	—	—	22	6	17	2	14
San Diego	28	4	24	19	5	25	5	20	15	5
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	13	4	9	2	6	13	3	10	2	8
<b>Large city<sup>1</sup> (public)</b>	13	4	9	3	6	13	3	10	2	9
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	11	3	7	2	5	11	1	10	1	9
Austin	16	4	12	7	5	17	6	10	3	7
Baltimore City	—	—	—	—	—	18	11	7	1	5
Boston	19	7	12	3	9	22	7	15	3	12
Charlotte	13	2	11	2	10	11	2	9	1	7
Chicago	17	5	13	3	10	16	3	13	1	11
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	20	13	7	1	6	23	11	12	1	11
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	17	4	13	2	10
District of Columbia (DCPS)	17	9	8	2	6	19	6	12	1	11
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	11	2	9	2	6
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	13	5	8	4	4	12	5	7	2	6
Jefferson County (KY)	—	—	—	—	—	12	3	9	3	6
Los Angeles	10	2	8	3	5	11	2	10	3	7
Miami-Dade	—	—	—	—	—	12	2	11	#	10
Milwaukee	—	—	—	—	—	21	3	17	1	16
New York City	13	1	12	1	11	15	1	14	#	13
Philadelphia	—	—	—	—	—	17	5	11	1	10
San Diego	11	4	7	3	4	12	5	7	2	5
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	7	1	6	4	2	6	#	5	3	2
<b>Large city<sup>1</sup> (public)</b>	13	1	11	7	4	12	1	11	7	4
Albuquerque	—	—	—	—	—	—	—	—	—	—
Atlanta	1	#	1	#	1	1	#	1	#	#
Austin	16	2	13	10	3	16	2	14	10	4
Baltimore City	—	—	—	—	—	1	#	1	#	1
Boston	9	2	7	4	3	11	4	7	2	5
Charlotte	9	1	7	4	3	7	1	6	3	3
Chicago	7	2	5	2	3	7	2	5	2	3
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	5	1	4	1	3	6	1	5	1	4
Dallas	—	—	—	—	—	—	—	—	—	—
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	—	—	—	—	—	6	#	6	5	1
District of Columbia (DCPS)	4	1	3	1	2	6	2	4	2	2
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	—	—	—	—	—	22	1	21	19	2
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	—	—	—	—	—	—	—	—	—	—
Houston	12	2	10	7	2	12	2	10	7	3
Jefferson County (KY)	—	—	—	—	—	3	1	2	1	2
Los Angeles	28	1	27	23	4	23	1	22	18	4
Miami-Dade	—	—	—	—	—	8	1	7	#	6
Milwaukee	—	—	—	—	—	7	1	5	1	4
New York City	11	1	10	1	9	10	1	9	#	9
Philadelphia	—	—	—	—	—	6	#	6	1	5
San Diego	21	2	19	17	3	16	1	15	13	2
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

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Table A-32. Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2011					2013				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	<b>18</b>	<b>3</b>	<b>15</b>	<b>5</b>	<b>10</b>	<b>17</b>	<b>2</b>	<b>16</b>	<b>3</b>	<b>12</b>
<b>Large city<sup>1</sup> (public)</b>	<b>23</b>	<b>3</b>	<b>20</b>	<b>8</b>	<b>12</b>	<b>22</b>	<b>2</b>	<b>20</b>	<b>5</b>	<b>15</b>
Albuquerque	25	3	22	9	12	27	2	25	11	14
Atlanta	12	2	10	1	8	14	1	13	2	11
Austin	26	5	22	13	9	27	2	25	4	21
Baltimore City	21	12	8	1	7	22	2	20	1	20
Boston	36	6	30	11	19	37	3	34	14	21
Charlotte	17	1	16	4	11	17	1	16	6	10
Chicago	23	3	20	4	16	20	1	19	2	17
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	31	6	25	1	24	32	3	29	1	28
Dallas	29	5	24	18	6	29	2	26	8	18
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	26	8	18	10	8	28	4	24	9	15
District of Columbia (DCPS)	26	7	20	1	18	25	2	23	1	22
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	24	1	23	16	7	21	2	20	13	7
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	24	2	22	1	21	22	1	21	#	20
Houston	23	6	18	12	5	25	2	22	8	15
Jefferson County (KY)	15	3	12	3	8	16	2	14	2	13
Los Angeles	26	1	24	15	9	21	2	20	9	11
Miami-Dade	20	2	18	#	18	22	2	19	1	19
Milwaukee	33	5	28	3	25	31	4	27	1	26
New York City	26	1	25	#	24	28	2	26	#	26
Philadelphia	26	7	19	1	18	26	4	22	1	21
San Diego	24	3	21	13	8	24	2	22	10	12
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>SD</b>										
<b>Nation (public)</b>	<b>13</b>	<b>2</b>	<b>10</b>	<b>2</b>	<b>9</b>	<b>13</b>	<b>1</b>	<b>12</b>	<b>1</b>	<b>10</b>
<b>Large city<sup>1</sup> (public)</b>	<b>13</b>	<b>3</b>	<b>11</b>	<b>2</b>	<b>9</b>	<b>14</b>	<b>1</b>	<b>12</b>	<b>1</b>	<b>11</b>
Albuquerque	15	3	13	3	9	16	1	15	4	11
Atlanta	11	2	8	1	7	12	1	11	2	10
Austin	13	4	10	2	8	15	2	14	1	13
Baltimore City	19	12	7	1	6	20	2	18	#	18
Boston	20	4	15	1	15	20	2	17	1	17
Charlotte	11	1	10	1	8	11	1	10	2	8
Chicago	18	3	15	2	13	15	1	14	1	14
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	25	5	19	1	19	26	2	24	#	24
Dallas	9	4	5	1	4	9	2	7	#	7
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	18	8	10	2	8	18	4	14	1	13
District of Columbia (DCPS)	20	5	15	1	14	18	1	17	#	17
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	9	1	8	2	6	10	2	8	1	7
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	16	2	14	1	14	15	1	14	#	14
Houston	12	5	7	3	4	10	2	8	1	7
Jefferson County (KY)	11	2	9	2	7	12	2	10	#	10
Los Angeles	12	1	11	2	9	12	1	11	1	10
Miami-Dade	11	1	10	#	10	10	1	9	1	9
Milwaukee	21	5	16	1	15	24	4	20	#	20
New York City	17	1	16	#	16	17	1	16	#	16
Philadelphia	17	6	11	#	11	20	3	17	1	16
San Diego	14	3	11	4	7	14	2	12	3	9
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—
<b>ELL</b>										
<b>Nation (public)</b>	<b>6</b>	<b>#</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>#</b>	<b>5</b>	<b>2</b>	<b>3</b>
<b>Large city<sup>1</sup> (public)</b>	<b>12</b>	<b>1</b>	<b>11</b>	<b>6</b>	<b>5</b>	<b>11</b>	<b>1</b>	<b>10</b>	<b>4</b>	<b>6</b>
Albuquerque	13	2	11	6	5	14	#	14	8	7
Atlanta	2	#	2	#	1	2	#	2	#	2
Austin	16	2	14	11	3	15	1	15	3	11
Baltimore City	2	1	1	#	1	2	#	2	#	2
Boston	21	3	18	11	7	23	1	22	13	9
Charlotte	8	#	7	3	4	8	#	8	4	3
Chicago	7	1	6	2	4	7	1	7	1	6
Clark County (NV)	—	—	—	—	—	—	—	—	—	—
Cleveland	8	1	7	1	6	7	1	7	#	6
Dallas	24	2	22	18	4	22	1	21	8	13
Denver	—	—	—	—	—	—	—	—	—	—
Detroit	9	#	9	8	1	10	#	10	7	3
District of Columbia (DCPS)	7	1	6	1	5	8	1	7	1	6
Duval County (FL)	—	—	—	—	—	—	—	—	—	—
Fort Worth	—	—	—	—	—	—	—	—	—	—
Fresno	19	#	19	16	3	15	1	14	12	2
Guilford County (NC)	—	—	—	—	—	—	—	—	—	—
Hillsborough County (FL)	9	#	9	#	9	8	#	8	#	8
Houston	14	2	12	10	3	17	1	16	7	9
Jefferson County (KY)	4	1	3	2	1	4	#	4	1	3
Los Angeles	19	1	19	14	5	15	1	14	8	5
Miami-Dade	10	1	9	#	9	12	1	11	#	11
Milwaukee	14	1	13	2	12	9	1	8	1	8
New York City	12	1	12	#	12	15	1	14	#	14
Philadelphia	10	1	9	#	8	8	1	7	#	7
San Diego	16	1	15	11	4	15	1	14	8	7
Shelby County (TN)	—	—	—	—	—	—	—	—	—	—

See notes at end of table.

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Table A-32. Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2015					2017				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>										
<b>Nation (public)</b>	19	2	17	5	13	20	2	18	6	12
<b>Large city<sup>1</sup> (public)</b>	24	2	21	7	15	25	3	22	9	13
Albuquerque	27	1	26	12	14	26	2	24	9	16
Atlanta	14	1	12	1	11	15	1	14	3	11
Austin	29	3	26	8	18	33	2	31	9	22
Baltimore City	26	3	22	1	22	22	2	20	1	19
Boston	38	4	34	7	27	39	5	34	12	23
Charlotte	16	1	14	4	10	18	2	16	9	6
Chicago	21	1	20	3	18	21	2	19	4	15
Clark County (NV)	—	—	—	—	—	24	2	22	15	7
Cleveland	32	5	27	2	25	33	6	28	6	21
Dallas	41	3	38	17	21	53	3	50	23	27
Denver	—	—	—	—	—	39	3	36	27	9
Detroit	32	5	27	14	13	35	6	29	19	9
District of Columbia (DCPS)	28	5	22	2	21	26	3	23	3	20
Duval County (FL)	16	2	13	2	12	18	3	15	3	13
Fort Worth	—	—	—	—	—	30	2	28	15	12
Fresno	26	2	24	16	8	21	2	19	13	6
Guilford County (NC)	—	—	—	—	—	20	1	18	6	12
Hillsborough County (FL)	25	2	23	1	22	25	2	23	1	21
Houston	27	4	23	6	17	28	4	24	10	14
Jefferson County (KY)	17	1	15	2	14	14	1	12	3	10
Los Angeles	22	3	20	8	12	22	3	19	12	7
Miami-Dade	22	3	19	#	19	23	3	20	2	18
Milwaukee	—	—	—	—	—	30	4	26	4	22
New York City	26	2	24	1	24	30	2	27	3	24
Philadelphia	24	3	21	3	18	27	5	22	6	15
San Diego	24	2	22	14	7	22	2	20	13	7
Shelby County (TN)	—	—	—	—	—	20	2	17	2	15
<b>SD</b>										
<b>Nation (public)</b>	13	1	12	1	11	14	1	13	3	10
<b>Large city<sup>1</sup> (public)</b>	14	1	12	1	11	14	2	12	3	10
Albuquerque	17	1	16	4	11	19	2	17	5	12
Atlanta	12	1	11	1	10	13	1	12	3	9
Austin	16	1	14	1	14	17	1	15	1	14
Baltimore City	20	1	19	#	19	19	2	18	1	17
Boston	20	3	16	1	16	20	4	16	1	16
Charlotte	9	1	9	1	8	10	1	10	5	5
Chicago	16	1	15	1	14	15	1	14	1	13
Clark County (NV)	—	—	—	—	—	10	1	9	4	5
Cleveland	26	4	22	1	21	24	5	19	2	18
Dallas	10	2	8	#	8	11	2	9	1	8
Denver	—	—	—	—	—	12	2	10	4	6
Detroit	19	5	14	1	13	18	5	13	4	9
District of Columbia (DCPS)	20	2	18	#	18	18	1	16	2	14
Duval County (FL)	12	1	10	1	9	14	2	12	2	10
Fort Worth	—	—	—	—	—	11	2	9	1	8
Fresno	11	1	9	2	7	10	2	9	2	6
Guilford County (NC)	—	—	—	—	—	16	1	15	4	11
Hillsborough County (FL)	17	1	16	1	16	17	2	15	1	14
Houston	11	2	9	1	8	10	2	7	1	6
Jefferson County (KY)	12	1	11	1	10	10	1	9	1	8
Los Angeles	14	2	12	2	10	13	2	12	6	6
Miami-Dade	10	1	9	#	9	11	1	10	1	9
Milwaukee	—	—	—	—	—	22	4	19	3	16
New York City	19	1	18	#	18	19	1	18	2	16
Philadelphia	18	3	15	1	14	18	4	15	2	13
San Diego	12	2	10	4	6	12	1	11	5	6
Shelby County (TN)	—	—	—	—	—	16	2	14	1	13
<b>ELL</b>										
<b>Nation (public)</b>	7	#	6	3	3	7	1	6	3	3
<b>Large city<sup>1</sup> (public)</b>	12	1	11	5	6	13	1	12	6	5
Albuquerque	15	#	15	8	6	12	1	11	5	7
Atlanta	2	#	2	#	2	2	#	2	#	1
Austin	17	2	15	8	7	20	2	19	8	11
Baltimore City	6	2	3	#	3	3	1	3	1	2
Boston	25	2	23	7	16	25	2	23	11	12
Charlotte	7	1	7	3	3	8	1	7	5	2
Chicago	9	1	8	2	7	9	1	8	3	4
Clark County (NV)	—	—	—	—	—	17	1	16	12	4
Cleveland	8	1	7	2	5	10	1	9	4	5
Dallas	33	1	32	17	15	46	1	45	23	23
Denver	—	—	—	—	—	32	2	30	25	5
Detroit	15	1	14	13	1	18	1	17	16	1
District of Columbia (DCPS)	9	4	5	1	4	10	2	8	1	7
Duval County (FL)	4	1	3	#	3	5	1	4	#	4
Fort Worth	—	—	—	—	—	23	#	22	15	8
Fresno	19	1	18	15	3	14	1	13	11	2
Guilford County (NC)	—	—	—	—	—	6	#	5	2	3
Hillsborough County (FL)	10	1	9	#	9	10	1	9	1	8
Houston	18	2	16	5	11	19	1	18	9	9
Jefferson County (KY)	5	#	5	1	4	4	#	4	2	2
Los Angeles	14	1	12	6	6	14	3	12	8	4
Miami-Dade	14	2	12	#	12	14	2	12	1	10
Milwaukee	—	—	—	—	—	10	1	10	2	8
New York City	10	1	9	#	8	13	2	12	1	10
Philadelphia	7	1	7	2	5	10	2	8	5	4
San Diego	17	1	16	12	4	14	1	12	9	3
Shelby County (TN)	—	—	—	—	—	5	#	4	1	3

See notes at end of table.



# National Center for Education Statistics

## 2019 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

Table A-32. Percentage of eighth-grade public school students identified as students with disabilities (SD) and/or English language learners (ELL) excluded and assessed in NAEP mathematics, by SD/ELL category and urban district/jurisdiction: Various years, 2003–19—Continued

SD/ELL category and urban district/jurisdiction	2019				
	Identified	Excluded	Assessed	Assessed without accom- modations	Assessed with accom- modations
<b>SD and/or ELL</b>					
<b>Nation (public)</b>	<b>21</b>	<b>2</b>	<b>19</b>	<b>6</b>	<b>13</b>
<b>Large city<sup>1</sup> (public)</b>	<b>25</b>	<b>2</b>	<b>24</b>	<b>8</b>	<b>16</b>
Albuquerque	30	2	28	13	15
Atlanta	18	1	16	1	15
Austin	35	2	34	11	23
Baltimore City	25	2	24	1	22
Boston	39	5	34	10	24
Charlotte	17	2	15	6	9
Chicago	24	1	22	4	18
Clark County (NV)	23	1	22	14	8
Cleveland	32	5	27	4	23
Dallas	54	2	51	34	17
Denver	33	1	32	20	12
Detroit	31	6	25	11	14
District of Columbia (DCPS)	27	2	24	1	23
Duval County (FL)	21	3	18	2	17
Fort Worth	34	1	33	21	12
Fresno	23	1	22	13	9
Guilford County (NC)	16	1	16	3	12
Hillsborough County (FL)	27	1	26	2	24
Houston	30	2	28	16	12
Jefferson County (KY)	17	2	15	2	13
Los Angeles	22	2	20	11	9
Miami-Dade	25	2	23	1	22
Milwaukee	31	3	28	3	25
New York City	30	1	29	2	27
Philadelphia	28	5	23	7	16
San Diego	22	2	20	12	8
Shelby County (TN)	17	2	15	3	12
<b>SD</b>					
<b>Nation (public)</b>	<b>15</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>11</b>
<b>Large city<sup>1</sup> (public)</b>	<b>14</b>	<b>1</b>	<b>13</b>	<b>2</b>	<b>11</b>
Albuquerque	20	2	19	6	13
Atlanta	16	1	15	1	14
Austin	18	1	17	1	16
Baltimore City	20	1	20	1	19
Boston	20	3	18	1	17
Charlotte	9	1	8	2	7
Chicago	16	1	15	1	15
Clark County (NV)	11	1	10	4	6
Cleveland	23	4	18	1	17
Dallas	11	1	9	2	8
Denver	11	1	10	2	9
Detroit	19	6	13	1	11
District of Columbia (DCPS)	18	1	17	1	16
Duval County (FL)	16	2	14	1	13
Fort Worth	11	1	10	3	7
Fresno	12	1	11	2	8
Guilford County (NC)	13	1	12	2	10
Hillsborough County (FL)	19	1	18	2	16
Houston	9	1	8	1	7
Jefferson County (KY)	11	1	10	1	10
Los Angeles	13	1	12	4	8
Miami-Dade	12	1	11	#	11
Milwaukee	22	3	19	1	18
New York City	21	#	20	1	19
Philadelphia	18	3	14	2	13
San Diego	14	2	13	6	6
Shelby County (TN)	12	2	10	2	9
<b>ELL</b>					
<b>Nation (public)</b>	<b>8</b>	<b>1</b>	<b>7</b>	<b>4</b>	<b>3</b>
<b>Large city<sup>1</sup> (public)</b>	<b>14</b>	<b>1</b>	<b>13</b>	<b>7</b>	<b>6</b>
Albuquerque	14	#	14	9	5
Atlanta	3	#	2	#	2
Austin	22	1	21	10	11
Baltimore City	5	1	4	#	4
Boston	25	3	21	9	13
Charlotte	9	1	8	4	3
Chicago	12	1	11	4	7
Clark County (NV)	15	1	15	11	4
Cleveland	12	1	11	3	8
Dallas	47	2	45	33	11
Denver	26	1	25	18	6
Detroit	14	1	13	9	4
District of Columbia (DCPS)	10	1	9	1	8
Duval County (FL)	5	1	5	1	4
Fort Worth	26	#	26	19	7
Fresno	15	1	14	11	3
Guilford County (NC)	5	#	5	1	3
Hillsborough County (FL)	9	#	9	#	9
Houston	23	1	22	15	7
Jefferson County (KY)	6	1	6	2	4
Los Angeles	15	1	13	8	5
Miami-Dade	14	1	13	#	13
Milwaukee	12	1	11	2	9
New York City	12	1	11	2	10
Philadelphia	12	2	10	6	4
San Diego	10	1	10	7	3
Shelby County (TN)	6	#	5	2	3

— Not available.  
# Rounds to zero.

<sup>1</sup> Large city includes students from all cities in the nation with populations of 250,000 or more including the participating districts.

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. DCPS = District of Columbia Public Schools. Beginning in 2009, if the results for charter schools are not included in the school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education under the Elementary and Secondary Education Act, they are excluded from that district's Trial Urban District Assessment (TUDA) 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.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2003–19 Mathematics Assessments.

# National Center for Education Statistics

## 2019 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

Figure A-1. States/jurisdiction within regions of the country defined by the U.S. Census Bureau

Northeast	South	Midwest	West
Connecticut	Alabama	Illinois	Alaska
Maine	Arkansas	Indiana	Arizona
Massachusetts	Delaware	Iowa	California
New Hampshire	District of Columbia	Kansas	Colorado
New Jersey	Florida	Michigan	Hawaii
New York	Georgia	Minnesota	Idaho
Pennsylvania	Kentucky	Missouri	Montana
Rhode Island	Louisiana	Nebraska	Nevada
Vermont	Maryland	North Dakota	New Mexico
	Mississippi	Ohio	Oregon
	North Carolina	South Dakota	Utah
	Oklahoma	Wisconsin	Washington
	South Carolina		Wyoming
	Tennessee		
	Texas		
	Virginia		
	West Virginia		

SOURCE: U.S. Department of Commerce Economics and Statistics Administration, U.S. Census Bureau.