



APPENDIX TABLE 1-9 

Students in grade 4 scoring at or above the main NAEP's proficient level in science, by race or ethnicity and sex, by state: 2009 and 2015

(Percent)

Student characteristic and state	2009	2015
White students		
United States	46	50
Alabama	39	39
Alaska	NA	NA
Arizona	37	51
Arkansas	38	43
California	41	43
Colorado	53	NA
Connecticut	53	51
Delaware	50	48
District of Columbia	NA	NA
Florida	46	56
Georgia	42	51
Hawaii	43	52
Idaho	40	45
Illinois	48	51
Indiana	41	49
Iowa	45	48
Kansas	NA	46
Kentucky	49	48
Louisiana	42	NA
Maine	43	41
Maryland	48	54
Massachusetts	56	56



Student characteristic and state	2009	2015
Michigan	43	44
Minnesota	51	51
Mississippi	31	39
Missouri	47	47
Montana	47	48
Nebraska	NA	57
Nevada	37	38
New Hampshire	49	52
New Jersey	52	54
New Mexico	48	44
New York	44	49
North Carolina	45	52
North Dakota	49	50
Ohio	50	48
Oklahoma	37	42
Oregon	40	45
Pennsylvania	48	NA
Rhode Island	44	46
South Carolina	49	55
South Dakota	46	46
Tennessee	43	50
Texas	53	61
Utah	45	52
Vermont	NA	49
Virginia	59	63
Washington	44	53
West Virginia	29	32



Student characteristic and state	2009	2015
Wisconsin	49	50
Wyoming	41	51
Puerto Rico	NA	NA
Black students		
United States	10	14
Alabama	6	8
Alaska	NA	NA
Arizona	13	19
Arkansas	6	10
California	9	11
Colorado	12	NA
Connecticut	9	10
Delaware	11	14
District of Columbia	NA	NA
Florida	10	17
Georgia	10	16
Hawaii	16	s
Idaho	s	s
Illinois	9	10
Indiana	9	11
Iowa	14	15
Kansas	NA	13
Kentucky	15	22
Louisiana	8	NA
Maine	26	13
Maryland	12	15
Massachusetts	17	21



Student characteristic and state	2009	2015
Michigan	6	9
Minnesota	12	14
Mississippi	4	8
Missouri	12	10
Montana	s	s
Nebraska	NA	18
Nevada	8	12
New Hampshire	s	s
New Jersey	12	14
New Mexico	16	14
New York	9	12
North Carolina	9	15
North Dakota	s	17
Ohio	10	9
Oklahoma	8	15
Oregon	12	s
Pennsylvania	7	NA
Rhode Island	10	15
South Carolina	10	17
South Dakota	s	21
Tennessee	8	18
Texas	18	23
Utah	s	s
Vermont	NA	s
Virginia	18	23
Washington	8	14
West Virginia	11	12



Student characteristic and state	2009	2015
Wisconsin	8	8
Wyoming	s	s
Puerto Rico	NA	NA
Hispanic students		
United States	13	20
Alabama	9	9
Alaska	NA	NA
Arizona	9	20
Arkansas	15	19
California	8	12
Colorado	15	NA
Connecticut	11	15
Delaware	20	17
District of Columbia	NA	NA
Florida	23	38
Georgia	15	25
Hawaii	22	25
Idaho	10	14
Illinois	10	19
Indiana	15	22
Iowa	15	17
Kansas	NA	17
Kentucky	31	30
Louisiana	23	NA
Maine	s	s
Maryland	21	26
Massachusetts	12	20



Student characteristic and state	2009	2015
Michigan	20	25
Minnesota	16	21
Mississippi	21	15
Missouri	21	26
Montana	26	26
Nebraska	NA	21
Nevada	12	15
New Hampshire	20	27
New Jersey	15	20
New Mexico	15	18
New York	13	16
North Carolina	11	19
North Dakota	s	31
Ohio	26	28
Oklahoma	12	18
Oregon	12	14
Pennsylvania	12	NA
Rhode Island	9	14
South Carolina	23	30
South Dakota	23	24
Tennessee	17	30
Texas	16	29
Utah	12	17
Vermont	NA	s
Virginia	32	32
Washington	10	19
West Virginia	s	s



Student characteristic and state	2009	2015
Wisconsin	17	20
Wyoming	18	23
Puerto Rico	NA	NA
Asian and Pacific Islander students		
United States	45	52
Alabama	s	s
Alaska	NA	NA
Arizona	43	s
Arkansas	34	s
California	45	46
Colorado	48	NA
Connecticut	48	47
Delaware	53	63
District of Columbia	NA	NA
Florida	44	s
Georgia	50	60
Hawaii	21	26
Idaho	39	s
Illinois	51	63
Indiana	s	s
Iowa	43	s
Kansas	NA	48
Kentucky	65	s
Louisiana	s	NA
Maine	s	s
Maryland	47	64
Massachusetts	53	63



Student characteristic and state	2009	2015
Michigan	49	57
Minnesota	31	31
Mississippi	s	s
Missouri	s	s
Montana	s	s
Nebraska	NA	s
Nevada	32	31
New Hampshire	57	54
New Jersey	63	63
New Mexico	s	s
New York	38	46
North Carolina	52	50
North Dakota	s	s
Ohio	s	s
Oklahoma	s	s
Oregon	44	46
Pennsylvania	53	NA
Rhode Island	37	38
South Carolina	s	s
South Dakota	s	s
Tennessee	s	s
Texas	47	74
Utah	28	s
Vermont	NA	s
Virginia	61	71
Washington	41	49
West Virginia	s	s





Student characteristic and state	2009	2015
Wisconsin	37	37
Wyoming	s	s
Puerto Rico	NA	NA
Male students		
United States	34	38
Alabama	29	28
Alaska	NA	NA
Arizona	23	33
Arkansas	30	36
California	22	26
Colorado	40	NA
Connecticut	42	38
Delaware	35	34
District of Columbia	NA	NA
Florida	33	42
Georgia	29	36
Hawaii	24	29
Idaho	37	41
Illinois	34	36
Indiana	36	43
Iowa	42	43
Kansas	NA	38
Kentucky	46	46
Louisiana	26	NA
Maine	44	38
Maryland	33	39
Massachusetts	47	48



Student characteristic and state	2009	2015
Michigan	37	39
Minnesota	45	42
Mississippi	18	25
Missouri	40	40
Montana	43	44
Nebraska	NA	46
Nevada	26	25
New Hampshire	47	51
New Jersey	41	41
New Mexico	25	26
New York	31	35
North Carolina	33	38
North Dakota	49	47
Ohio	45	43
Oklahoma	29	36
Oregon	34	37
Pennsylvania	41	NA
Rhode Island	36	35
South Carolina	34	39
South Dakota	42	40
Tennessee	33	41
Texas	30	39
Utah	39	48
Vermont	NA	49
Virginia	45	49
Washington	34	42
West Virginia	30	32



Student characteristic and state	2009	2015
Wisconsin	41	41
Wyoming	38	47
Puerto Rico	NA	NA
Female students		
United States	31	36
Alabama	25	27
Alaska	NA	NA
Arizona	21	32
Arkansas	27	31
California	22	22
Colorado	37	NA
Connecticut	38	38
Delaware	32	31
District of Columbia	NA	NA
Florida	31	41
Georgia	25	34
Hawaii	25	32
Idaho	34	36
Illinois	30	34
Indiana	34	40
Iowa	40	40
Kansas	NA	36
Kentucky	43	43
Louisiana	24	NA
Maine	39	40
Maryland	32	35
Massachusetts	43	45



Student characteristic and state	2009	2015
Michigan	32	37
Minnesota	41	43
Mississippi	16	21
Missouri	40	38
Montana	42	41
Nebraska	NA	48
Nevada	21	23
New Hampshire	48	51
New Jersey	37	38
New Mexico	23	23
New York	29	32
North Carolina	27	34
North Dakota	42	42
Ohio	38	39
Oklahoma	28	31
Oregon	34	37
Pennsylvania	36	NA
Rhode Island	32	36
South Carolina	33	41
South Dakota	38	39
Tennessee	33	42
Texas	28	39
Utah	36	42
Vermont	NA	48
Virginia	47	52
Washington	35	42
West Virginia	26	31



Student characteristic and state	2009	2015
Wisconsin	40	41
Wyoming	36	43
Puerto Rico	NA	NA

NA = not available; s = suppressed for reasons of confidentiality and/or reliability.

NAEP = National Assessment of Educational Progress.

**Note(s)**

The NAEP scores are for public schools only. The national value for the United States is the reported value in the NAEP reports. Black includes African American. Hispanic includes Latino. Asian and Pacific Islander includes Native Hawaiian.

**Source(s)**

National Center for Education Statistics, NAEP (various years).

*Science and Engineering Indicators 2018*