



APPENDIX TABLE 1-7 

Students in grade 4 scoring at or above the main NAEP's proficient level in mathematics, by race or ethnicity and sex, by state: 2000–15

(Percent)

Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
White students								
United States	30	42	47	51	50	52	54	51
Alabama	20	27	30	36	34	37	40	35
Alaska	NA	41	44	50	52	50	52	47
Arizona	24	39	43	48	44	49	55	56
Arkansas	18	34	42	46	46	45	47	38
California	24	42	46	52	51	57	53	48
Colorado	NA	44	49	54	57	60	62	58
Connecticut	39	53	53	57	58	60	58	52
Delaware	NA	43	50	53	50	53	57	50
District of Columbia	62	71	78	73	81	84	88	85
Florida	NA	43	49	54	53	52	54	54
Georgia	27	40	43	46	48	51	53	47
Hawaii	25	35	42	46	51	53	60	50
Idaho	21	34	44	45	44	44	44	44
Illinois	30	44	44	50	52	51	51	49
Indiana	32	40	45	52	48	51	58	57
Iowa	27	39	40	46	45	47	52	50
Kansas	34	47	52	58	55	56	53	50
Kentucky	19	24	29	34	39	41	45	44
Louisiana	22	39	38	37	37	40	40	40
Maine	23	34	39	43	46	47	49	42
Maryland	34	44	53	55	60	64	67	56
Massachusetts	36	49	57	65	67	67	68	62



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	34	43	46	44	43	41	45	39
Minnesota	36	47	54	58	61	60	67	63
Mississippi	15	30	32	34	37	38	42	44
Missouri	27	35	37	45	46	48	46	44
Montana	26	34	41	49	49	50	50	46
Nebraska	27	39	44	45	45	48	54	56
Nevada	21	32	38	43	46	48	46	49
New Hampshire	NA	43	48	53	57	59	60	53
New Jersey	NA	51	55	63	63	64	61	61
New Mexico	22	33	34	43	47	48	48	41
New York	32	45	49	56	50	46	50	47
North Carolina	34	55	52	56	59	58	60	59
North Dakota	26	37	43	49	49	52	52	50
Ohio	29	42	51	53	54	53	56	52
Oklahoma	20	29	36	39	40	41	45	44
Oregon	24	36	42	40	43	43	46	43
Pennsylvania	NA	44	50	53	53	56	52	53
Rhode Island	28	37	37	41	50	53	53	48
South Carolina	28	46	53	50	46	52	49	48
South Dakota	NA	38	45	46	47	46	48	47
Tennessee	23	30	35	36	36	36	50	48
Texas	39	49	60	59	61	60	61	60
Utah	25	35	41	45	48	49	51	49
Vermont	29	42	44	50	51	50	53	44
Virginia	32	46	50	53	54	56	56	57
Washington	NA	40	48	51	51	53	56	56
West Virginia	18	24	25	33	28	32	36	34



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	43	48	54	53	55	57	54
Wyoming	27	42	45	48	44	47	52	54
Puerto Rico	NA	s	s	NA	NA	s	s	s
Black students								
United States	4	10	13	15	15	17	18	19
Alabama	4	5	7	10	7	9	9	10
Alaska	NA	15	20	22	17	15	22	14
Arizona	6	11	13	16	19	22	24	32
Arkansas	2	5	10	12	12	16	17	15
California	3	9	12	15	13	19	18	18
Colorado	NA	12	18	20	23	21	22	21
Connecticut	7	10	11	15	14	15	14	13
Delaware	NA	12	15	20	17	19	21	19
District of Columbia	2	4	5	8	9	13	19	20
Florida	NA	8	16	15	20	18	20	21
Georgia	5	11	12	13	15	18	20	19
Hawaii	6	16	16	24	33	32	34	s
Idaho	s	s	s	s	s	s	s	s
Illinois	4	7	9	9	11	14	16	12
Indiana	10	7	13	14	13	15	21	22
Iowa	11	9	15	17	17	18	16	18
Kansas	4	13	24	21	18	18	22	14
Kentucky	2	8	9	12	14	17	19	20
Louisiana	4	6	9	11	8	12	13	16
Maine	s	s	s	17	28	10	25	18
Maryland	6	11	14	17	21	23	22	21
Massachusetts	7	13	18	26	30	27	26	26



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	3	7	8	12	9	8	10	10
Minnesota	12	16	15	16	25	23	32	25
Mississippi	2	6	7	9	8	10	11	15
Missouri	4	9	9	12	17	14	13	15
Montana	s	s	s	s	s	s	s	s
Nebraska	5	7	7	9	10	7	12	12
Nevada	4	10	10	16	12	23	17	15
New Hampshire	NA	s	s	25	s	27	s	s
New Jersey	NA	11	17	25	19	24	24	21
New Mexico	s	10	6	18	19	19	24	s
New York	5	12	13	18	19	17	17	14
North Carolina	9	14	17	15	18	18	22	22
North Dakota	s	s	s	s	s	s	35	24
Ohio	2	10	16	18	14	20	16	12
Oklahoma	4	6	11	10	14	14	14	15
Oregon	6	20	12	16	18	14	16	17
Pennsylvania	NA	8	13	18	17	17	19	15
Rhode Island	3	7	9	16	15	20	19	17
South Carolina	4	13	13	14	14	13	15	16
South Dakota	NA	s	s	15	17	21	14	11
Tennessee	4	6	9	9	7	12	15	20
Texas	10	15	18	21	23	25	24	29
Utah	s	s	s	s	15	s	s	s
Vermont	s	s	s	s	s	s	s	s
Virginia	5	13	14	18	16	20	22	25
Washington	NA	17	26	17	24	20	29	24
West Virginia	5	13	17	19	20	20	25	11



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	8	7	10	11	12	12	13
Wyoming	s	s	s	s	s	s	s	s
Puerto Rico	NA	s	s	NA	NA	s	s	s
Hispanic students								
United States	7	15	19	22	21	24	26	26
Alabama	s	s	s	17	11	21	23	14
Alaska	NA	24	23	26	27	36	33	30
Arizona	5	11	14	15	15	21	28	25
Arkansas	s	15	25	22	26	28	31	25
California	4	11	14	15	14	17	19	17
Colorado	NA	13	18	19	24	26	30	22
Connecticut	6	15	15	18	18	19	19	19
Delaware	NA	17	18	25	22	25	27	25
District of Columbia	6	7	11	19	24	21	23	30
Florida	NA	27	28	33	33	31	36	38
Georgia	12	13	22	20	26	29	33	28
Hawaii	s	17	21	19	28	39	43	35
Idaho	6	11	17	18	18	17	20	15
Illinois	6	13	14	19	20	20	25	24
Indiana	s	18	21	26	23	29	39	35
Iowa	s	14	17	25	17	24	30	21
Kansas	13	19	30	29	24	26	31	23
Kentucky	s	s	s	15	22	30	30	30
Louisiana	s	s	s	31	23	20	29	35
Maine	s	s	s	s	s	s	s	s
Maryland	11	21	26	28	32	43	33	25
Massachusetts	7	13	14	23	25	32	32	28



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	13	16	27	22	22	23	23
Wyoming	9	20	31	23	22	31	29	28
Puerto Rico	NA	s	s	NA	NA	*	1	s
Asian and Pacific Islander students								
United States	s	48	54	59	61	62	64	61
Alabama	s	s	s	s	s	s	s	s
Alaska	NA	27	36	37	35	29	32	27
Arizona	s	41	43	59	45	53	61	60
Arkansas	s	s	s	41	s	53	63	s
California	19	49	51	56	61	63	58	54
Colorado	NA	44	42	53	51	55	61	49
Connecticut	36	52	57	64	65	62	64	66
Delaware	NA	59	70	70	66	69	81	63
District of Columbia	s	s	s	s	s	s	s	s
Florida	NA	53	66	59	73	64	77	65
Georgia	s	53	57	63	60	70	71	65
Hawaii	12	21	25	31	35	37	42	36
Idaho	s	s	s	s	s	52	s	s
Illinois	s	58	66	62	73	63	73	69
Indiana	s	s	s	s	s	s	s	s
Iowa	s	s	52	s	66	52	54	48
Kansas	s	s	71	67	64	59	68	56
Kentucky	s	s	s	s	69	66	68	62
Louisiana	s	s	s	s	s	s	s	s
Maine	s	s	s	s	s	48	s	s
Maryland	27	58	59	68	67	74	77	68
Massachusetts	36	49	64	66	70	76	72	81



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	26	29	50	39	42	49	52
Wyoming	s	s	s	s	s	s	s	s
Puerto Rico	NA	s	s	NA	NA	s	s	s
Male students								
United States	25	34	37	41	40	41	42	41
Alabama	14	19	22	27	25	28	31	28
Alaska	NA	33	35	38	40	38	38	38
Arizona	16	28	32	34	30	36	40	40
Arkansas	14	27	36	38	39	37	39	33
California	13	28	30	31	32	35	35	31
Colorado	NA	37	41	44	46	49	53	45
Connecticut	33	45	45	46	49	46	46	42
Delaware	NA	34	38	40	40	40	43	38
District of Columbia	6	8	11	14	17	21	28	29
Florida	NA	33	38	43	42	38	41	43
Georgia	19	29	30	33	35	37	40	36
Hawaii	15	24	26	33	37	39	45	39
Idaho	20	34	42	42	42	41	44	40
Illinois	23	34	33	40	41	39	39	38
Indiana	31	37	38	48	42	46	52	51
Iowa	28	39	40	46	43	44	49	46
Kansas	31	44	48	54	48	48	49	43
Kentucky	19	24	29	33	39	39	43	43
Louisiana	14	22	26	25	24	26	28	31
Maine	25	37	41	43	48	48	48	44
Maryland	23	33	40	43	44	50	47	41
Massachusetts	33	44	50	60	59	60	59	57



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	30	38	41	39	37	37	38	36
Minnesota	36	45	50	54	56	54	60	54
Mississippi	10	18	20	22	23	25	27	30
Missouri	24	30	34	40	43	42	40	41
Montana	27	33	42	47	49	48	48	44
Nebraska	25	36	39	40	39	41	48	47
Nevada	18	25	28	33	34	38	36	33
New Hampshire	NA	46	50	54	58	58	61	53
New Jersey	NA	41	47	55	51	53	51	49
New Mexico	14	21	21	26	27	31	33	28
New York	23	35	39	45	43	37	40	36
North Carolina	26	42	41	43	44	44	46	46
North Dakota	27	38	43	50	47	49	49	47
Ohio	28	37	45	49	48	47	49	46
Oklahoma	17	25	31	34	35	34	38	40
Oregon	25	35	37	38	40	37	42	40
Pennsylvania	NA	39	44	50	48	49	45	47
Rhode Island	25	29	32	36	43	43	44	39
South Carolina	20	34	37	36	36	36	36	37
South Dakota	NA	37	43	43	44	42	40	41
Tennessee	20	25	30	31	29	30	41	42
Texas	28	35	43	41	39	39	42	46
Utah	24	34	39	42	42	46	47	46
Vermont	29	44	47	51	53	52	52	43
Virginia	26	38	42	44	46	48	48	47
Washington	NA	39	43	46	45	46	49	47
West Virginia	19	26	28	35	30	33	36	33



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	38	38	42	48	47	49	49	46
Wyoming	27	41	45	46	43	46	48	51
Puerto Rico	NA	38	38	NA	NA	*	1	*
Female students								
United States	20	29	33	36	37	39	40	38
Alabama	13	18	20	25	24	27	28	24
Alaska	NA	27	32	37	36	35	36	32
Arizona	15	23	24	27	26	31	39	35
Arkansas	13	25	32	35	34	37	39	31
California	13	22	26	28	29	33	30	27
Colorado	NA	31	36	38	44	45	47	40
Connecticut	29	37	40	43	44	44	44	39
Delaware	NA	29	34	40	33	37	42	36
District of Columbia	5	7	9	13	17	22	28	32
Florida	NA	29	35	38	39	36	40	41
Georgia	16	25	29	30	32	37	38	33
Hawaii	14	22	28	34	37	40	47	37
Idaho	19	27	39	38	39	38	36	36
Illinois	17	29	30	33	35	37	39	36
Indiana	28	34	38	45	41	42	52	48
Iowa	24	32	34	40	40	42	46	43
Kansas	26	39	45	48	44	47	46	40
Kentucky	15	20	24	29	34	38	40	38
Louisiana	13	20	21	24	21	26	24	29
Maine	20	31	36	40	42	42	47	38
Maryland	20	29	36	37	43	45	46	40
Massachusetts	29	38	48	55	55	57	58	50



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	26	30	34	35	33	33	36	32
Minnesota	29	38	45	47	51	52	59	53
Mississippi	8	16	18	20	21	25	25	29
Missouri	22	29	28	37	39	41	37	35
Montana	21	29	34	42	41	43	42	38
Nebraska	23	31	33	35	37	37	41	45
Nevada	13	21	24	27	30	33	32	31
New Hampshire	NA	39	44	49	54	56	57	50
New Jersey	NA	36	43	49	46	49	48	44
New Mexico	10	14	17	23	25	28	28	25
New York	18	31	33	42	37	34	39	34
North Carolina	24	40	38	39	42	44	45	42
North Dakota	23	30	38	41	42	44	47	42
Ohio	21	34	40	43	43	44	47	43
Oklahoma	14	20	26	31	30	33	35	34
Oregon	20	31	37	32	34	36	38	34
Pennsylvania	NA	32	39	44	43	46	44	43
Rhode Island	19	27	29	32	36	42	41	36
South Carolina	15	29	35	36	32	36	35	35
South Dakota	NA	31	38	38	39	37	40	38
Tennessee	16	22	25	26	28	29	40	38
Texas	23	31	37	39	37	39	40	42
Utah	21	28	34	37	40	40	41	41
Vermont	29	39	39	47	49	46	51	44
Virginia	22	35	37	39	39	44	46	47
Washington	NA	33	41	41	42	43	48	47
West Virginia	15	22	22	30	26	29	34	33



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	32	39	46	43	45	45	45
Wyoming	22	36	40	43	38	42	47	46
Puerto Rico	NA	s	s	NA	NA	*	1	*

* = rounds to zero; 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