



APPENDIX TABLE 1-11 

Students in grade 8 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	33	36	37	41	43	43	44	42
Alabama	23	23	22	27	29	28	28	23
Alaska	NA	41	38	44	44	47	46	45
Arizona	28	32	38	40	42	46	45	51
Arkansas	18	24	28	31	34	37	34	31
California	26	34	34	39	39	41	42	43
Colorado	NA	43	43	48	51	55	53	49
Connecticut	42	44	46	44	49	48	48	46
Delaware	NA	35	40	43	43	43	45	41
District of Columbia	56	s	69	s	s	76	75	74
Florida	NA	34	36	37	39	37	40	36
Georgia	27	32	34	37	39	40	42	41
Hawaii	22	25	25	28	31	41	41	34
Idaho	28	31	33	38	43	41	41	39
Illinois	35	40	39	41	44	44	48	40
Indiana	32	35	34	40	41	40	44	45
Iowa	NA	35	36	38	37	37	40	41
Kansas	36	39	39	46	45	47	47	38
Kentucky	22	25	24	29	29	33	33	30
Louisiana	18	28	25	28	29	31	31	27
Maine	31	30	30	35	36	40	40	36
Maryland	38	40	43	53	56	56	51	49
Massachusetts	34	44	49	58	59	58	63	59



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	34	35	36	35	37	35	36	34
Minnesota	41	49	49	48	53	55	54	56
Mississippi	14	22	24	24	25	30	33	34
Missouri	25	32	32	36	39	36	38	36
Montana	39	37	39	41	47	49	44	43
Nebraska	33	36	40	41	41	39	42	46
Nevada	24	27	29	32	36	43	40	38
New Hampshire	NA	35	35	39	44	45	48	47
New Jersey	NA	42	47	51	54	59	58	55
New Mexico	23	31	26	33	39	40	40	35
New York	33	44	41	39	44	40	44	40
North Carolina	37	44	42	46	49	48	48	43
North Dakota	33	39	37	44	46	47	44	44
Ohio	34	35	38	42	41	46	45	40
Oklahoma	22	25	26	25	29	34	29	29
Oregon	34	35	38	39	41	37	40	40
Pennsylvania	NA	35	36	44	45	47	49	44
Rhode Island	26	29	30	35	35	42	45	41
South Carolina	27	39	44	44	43	43	43	36
South Dakota	NA	37	40	43	46	47	45	39
Tennessee	20	26	26	30	30	28	33	34
Texas	35	38	46	53	54	58	53	48
Utah	27	34	33	36	40	41	42	43
Vermont	31	35	39	42	44	47	48	43
Virginia	32	40	43	47	44	48	47	46
Washington	NA	36	39	42	46	46	48	47
West Virginia	18	20	18	19	20	22	24	21



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	40	42	42	45	47	47	47
Wyoming	25	35	32	39	38	41	40	39
Puerto Rico	NA	s	s	NA	NA	s	s	s
Black students								
United States	5	7	8	11	12	13	14	12
Alabama	3	3	3	4	6	7	6	5
Alaska	NA	11	19	15	17	17	20	17
Arizona	7	7	15	15	23	18	19	19
Arkansas	2	3	4	9	8	9	9	10
California	4	6	7	10	10	12	11	14
Colorado	NA	9	11	21	16	17	15	15
Connecticut	4	7	6	7	10	11	13	12
Delaware	NA	8	13	10	13	14	14	13
District of Columbia	3	3	4	6	8	13	14	13
Florida	NA	7	8	11	13	11	14	11
Georgia	4	7	8	11	11	12	12	13
Hawaii	s	s	s	s	21	26	s	s
Idaho	s	s	s	s	s	s	s	s
Illinois	8	6	6	7	9	10	12	12
Indiana	7	7	9	9	14	11	15	10
Iowa	NA	11	8	11	9	11	10	8
Kansas	10	8	12	16	15	16	18	13
Kentucky	6	5	9	11	8	12	11	12
Louisiana	2	5	5	7	7	10	9	7
Maine	s	s	s	s	14	18	14	s
Maryland	6	9	11	13	15	18	18	14
Massachusetts	9	10	15	13	23	26	28	22



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	3	4	6	5	5	7	7	5
Minnesota	s	9	9	14	13	18	15	14
Mississippi	1	3	4	4	5	8	8	10
Missouri	3	6	4	6	11	8	12	11
Montana	s	s	s	s	s	s	s	s
Nebraska	6	7	2	5	10	8	8	13
Nevada	5	9	7	12	10	12	12	8
New Hampshire	NA	s	s	s	s	s	s	s
New Jersey	NA	7	11	14	17	21	24	20
New Mexico	s	5	13	12	13	16	12	s
New York	8	10	11	10	13	13	12	15
North Carolina	7	11	12	14	12	15	17	16
North Dakota	s	s	s	s	s	s	25	17
Ohio	7	8	7	9	11	12	16	11
Oklahoma	5	5	4	9	10	11	9	8
Oregon	s	17	9	28	12	18	s	s
Pennsylvania	NA	4	7	13	13	9	13	8
Rhode Island	4	5	5	9	8	12	15	14
South Carolina	4	8	10	15	12	14	13	8
South Dakota	NA	s	s	s	s	21	10	s
Tennessee	3	5	3	7	10	9	10	9
Texas	7	8	13	16	17	21	21	16
Utah	s	s	s	s	s	s	s	s
Vermont	s	s	s	s	s	s	18	s
Virginia	6	11	9	15	14	18	15	12
Washington	NA	13	15	16	16	15	23	13
West Virginia	7	6	6	4	11	10	13	8



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	5	5	6	11	11	8	7
Wyoming	s	s	s	s	s	s	s	s
Puerto Rico	NA	s	s	NA	NA	s	s	s
Hispanic students								
United States	8	11	13	15	17	20	21	19
Alabama	s	s	s	3	10	9	6	11
Alaska	NA	11	21	23	23	25	24	26
Arizona	6	9	13	12	16	18	19	23
Arkansas	s	7	15	8	15	20	20	18
California	6	8	9	10	11	13	15	13
Colorado	NA	12	10	13	18	20	23	19
Connecticut	7	11	10	10	14	13	12	14
Delaware	NA	11	16	17	22	21	25	17
District of Columbia	5	3	9	9	18	17	20	19
Florida	NA	16	16	21	22	22	24	22
Georgia	s	14	12	16	18	25	24	19
Hawaii	s	16	9	15	26	19	28	20
Idaho	7	7	11	16	15	16	15	12
Illinois	11	9	13	13	17	19	22	22
Indiana	s	9	14	20	19	21	24	23
Iowa	NA	10	9	13	15	14	13	19
Kansas	12	16	14	16	22	22	24	22
Kentucky	s	s	s	s	22	18	17	21
Louisiana	s	s	s	s	s	16	25	19
Maine	s	s	s	s	s	s	s	s
Maryland	20	15	19	21	26	27	30	24
Massachusetts	8	9	15	19	21	21	28	24



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	16	16	18	20	21	19	20
Wyoming	8	13	11	22	15	20	26	18
Puerto Rico	NA	s	s	NA	NA	*	*	s
Asian and Pacific Islander students								
United States	40	42	46	49	53	55	60	58
Alabama	s	s	s	s	s	s	s	s
Alaska	NA	29	19	33	31	32	23	25
Arizona	s	s	s	52	52	58	57	62
Arkansas	s	s	s	s	s	s	s	s
California	34	39	45	46	46	50	59	56
Colorado	NA	38	s	48	55	67	59	59
Connecticut	s	51	46	61	61	60	61	58
Delaware	NA	s	59	65	69	67	69	69
District of Columbia	s	s	s	s	s	s	s	s
Florida	NA	41	51	48	55	65	65	51
Georgia	s	40	52	s	49	52	62	68
Hawaii	15	15	17	20	25	29	31	30
Idaho	s	s	s	s	s	s	s	s
Illinois	s	58	50	55	60	67	69	59
Indiana	s	s	s	s	s	s	s	s
Iowa	NA	s	s	s	s	45	53	40
Kansas	s	34	s	52	s	53	55	59
Kentucky	s	s	s	s	s	s	58	58
Louisiana	s	s	s	s	s	s	s	s
Maine	s	s	s	s	s	s	s	s
Maryland	49	56	55	66	76	65	68	68
Massachusetts	44	57	68	74	66	72	78	73



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	17	32	40	40	43	40	44
Wyoming	s	s	s	s	s	s	s	s
Puerto Rico	NA	s	s	NA	NA	s	s	s
Male students								
United States	26	29	30	33	34	34	35	32
Alabama	17	18	15	21	21	21	21	18
Alaska	NA	32	30	33	34	36	34	32
Arizona	22	21	26	30	31	34	32	36
Arkansas	14	19	22	26	27	31	29	26
California	17	23	23	25	26	26	29	27
Colorado	NA	35	33	38	41	44	42	39
Connecticut	36	37	35	35	39	39	37	37
Delaware	NA	27	32	34	32	31	34	30
District of Columbia	6	7	7	8	12	17	18	18
Florida	NA	26	28	29	31	29	32	26
Georgia	19	24	24	26	27	29	30	29
Hawaii	16	17	19	20	24	30	31	28
Idaho	27	30	30	36	39	37	38	34
Illinois	24	31	30	33	35	33	37	34
Indiana	33	33	32	37	39	34	39	39
Iowa	NA	35	34	37	35	34	37	39
Kansas	35	34	35	41	43	41	42	34
Kentucky	22	25	24	30	30	32	31	27
Louisiana	12	19	16	20	21	22	20	19
Maine	32	31	31	37	38	38	41	35
Maryland	27	33	31	38	42	42	37	34
Massachusetts	31	42	43	53	53	52	54	49



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



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	36	36	40	41	43	40	40	
Wyoming	24	34	31	37	38	41	39	35
Puerto Rico	NA	s	s	NA	NA	*	*	*
Female students								
United States	23	26	27	29	31	33	34	32
Alabama	15	14	15	15	20	19	19	17
Alaska	NA	28	27	32	33	35	33	31
Arizona	18	21	25	23	27	29	29	33
Arkansas	13	18	22	22	27	28	27	24
California	16	21	20	23	21	25	26	27
Colorado	NA	34	31	37	38	43	41	35
Connecticut	30	33	34	34	41	37	37	35
Delaware	NA	25	27	29	31	33	31	29
District of Columbia	5	5	6	8	11	17	20	21
Florida	NA	21	23	26	27	27	30	27
Georgia	18	20	23	23	27	27	29	28
Hawaii	16	16	18	22	27	30	34	32
Idaho	25	27	30	32	37	36	35	34
Illinois	28	28	27	29	31	32	36	31
Indiana	26	29	28	33	34	34	38	38
Iowa	NA	31	33	33	33	33	35	36
Kansas	32	34	33	39	36	40	39	32
Kentucky	18	23	21	24	25	29	29	28
Louisiana	10	15	16	18	20	22	21	17
Maine	29	28	29	32	32	39	37	35
Maryland	27	27	28	35	38	38	38	35
Massachusetts	29	35	43	48	50	51	55	53



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Michigan	28	26	27	27	29	29	30	27
Minnesota	38	44	41	43	45	48	46	48
Mississippi	7	11	12	12	15	20	20	22
Missouri	19	26	24	28	34	30	32	30
Montana	36	34	36	36	42	45	39	36
Nebraska	27	30	33	32	32	31	36	37
Nevada	17	19	20	22	24	28	27	25
New Hampshire	NA	33	33	38	42	44	47	45
New Jersey	NA	33	33	38	42	46	50	46
New Mexico	12	15	13	16	19	24	22	19
New York	22	31	30	29	32	30	33	30
North Carolina	26	32	32	33	34	37	36	33
North Dakota	30	36	33	39	42	40	40	38
Ohio	29	29	32	33	34	37	39	35
Oklahoma	17	18	19	18	21	26	25	21
Oregon	28	30	32	33	33	30	32	35
Pennsylvania	NA	27	29	35	37	38	41	37
Rhode Island	22	22	23	27	26	33	35	33
South Carolina	17	23	29	31	29	32	29	27
South Dakota	NA	34	37	37	39	41	38	35
Tennessee	14	20	20	20	25	22	27	28
Texas	25	23	28	32	35	39	37	33
Utah	23	29	27	30	33	33	34	37
Vermont	30	35	38	40	42	46	48	40
Virginia	22	30	32	34	33	40	38	36
Washington	NA	31	35	35	38	40	41	38
West Virginia	17	18	18	16	18	21	22	21



Student characteristic and state	2000	2003	2005	2007	2009	2011	2013	2015
Wisconsin	s	34	36	34	38	39	40	41
Wyoming	23	30	27	34	31	34	36	36
Puerto Rico	NA	s	s	NA	NA	*	*	*

* = 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