

Mathematics Performance of Students in 12 Grade

Table 12-1. Percentage of 12th-grade students at each achievement level, by student and school characteristics: 2005

Student or school characteristic	Below <i>Basic</i>	At or above <i>Basic</i> ¹	At or above <i>Proficient</i> ¹	At <i>Advanced</i> ¹
Total	39	61	23	2
Sex				
Male	38	62	25	3
Female	40	60	21	1
Race/ethnicity ²				
White	30	70	29	3
Black	70	30	6	#
Hispanic	60	40	8	#
Asian/Pacific Islander	27	73	36	6
American Indian/Alaska Native	58	42	6!	1!
Parents' education				
Did not finish high school	65	35	7	#
Graduated from high school	54	46	12	#
Some education after high school	41	59	18	1
Graduated from college	26	74	34	4
How often student discusses studies at home				
Every day	40	60	25	3
1–3 times a week	31	69	28	2
1–2 times a month	44	56	19	2
Never/hardly ever	48	52	17	2
Number of books in the home				
0–10	69	31	5	#
11–25	56	44	10	#
26–100	38	62	21	2
More than 100	24	76	36	4
Region				
West	41	59	22	3
Midwest	31	69	28	3
South	45	55	19	2
Northeast	37	63	24	2
Location				
Central large city	51	49	16	2
Central mid-sized city	39	61	24	3
Urban fringe/large town	36	64	27	3
Rural/small town	40	60	19	1
Students in school eligible for free or reduced-price lunch				
10 percent or less	25	75	37	4
11–25 percent	32	68	27	3
26–50 percent	43	57	19	2
51–75 percent	57	43	8	1!
More than 75 percent	75	25	4	#

Rounds to zero.

! Interpret data with caution (estimates are unstable).

¹ Included in the at or above *Proficient* achievement level is the at *Advanced* achievement level; included in the at or above *Basic* achievement level is the at or above *Proficient* achievement level.

² Race categories exclude persons of Hispanic ethnicity.

NOTE: The 2005 National Assessment of Educational Progress (NAEP) introduced a new mathematics assessment for 12th-grade students. As a result, the 2005 12th-grade assessment results cannot be compared with those from previous assessments. See *supplemental note 4* for more information on NAEP.

SOURCE: Grigg, W., Donahue, P., and Dion, G. (2007). *The Nation's Report Card: 12th-Grade Reading and Mathematics 2005* (NCES 2007-468), data from U.S. Department of Education, National Center for Education Statistics, NAEP Data Explorer.