



California SAT9 Results for CPM High Schools Spring Testing, 2002 1998-2002 Test Results Summary

COUNTY* (45 of 58)	Number of CPM Schools	9th Grade		10th Grade		11th Grade	
		CPM County Avg.	Avg.	CPM County Avg.	Avg.	CPM County Avg.	Avg.
Alameda	8	60.6	60	58	56	62.6	60
Butte	5	61.6	61	52.8	50	55.8	52
Contra Costa	4	61.8	63	55.8	55	56	58
Fresno	4	44.3	47	39.3	42	42.8	45
Humboldt	4	64.3	64	55.8	56	57	58
Kern	4	49.3	47	43	40	42.8	40
Kings	3	45.7	48	36.7	38	40.7	39
Los Angeles	14	57.4	48	51.1	44	51.4	47
Mendocino	4	60.8	57	56.3	48	52.5	48
Merced	4	49.8	46	44.8	39	42.7#	38
Orange	7	67.7	64	62	57	63.7	60
Placer	4	72.5	69	64	58	66.5	58
Riverside	8	54.6	51	48	43	50.6	45
Sacramento	8	53	56	50.3	48	49.6	49
San Bernardino	13	49.4**	49	47.5	42	50.2	44
San Diego	10	61.6	59	55.9	51	55.6	54
San Francisco	4	67.8	67	68.3	66	68.8	66
San Joaquin	7	59.7	50	51.1	43	54.9	47
San Luis Obispo	3	72.3	69	65.7	57	62.7	57
San Mateo	7	69.3	64	63.7	57	64.4	60
Santa Barbara	4	66	61	59.3	53	63	54
Shasta	4	65	61	58.3	50	56.8	51
Siskiyou	5	67.2	66	53.8	53	58.2	56
Solano	9	56.1	54	49.3	47	52.6##	48
Sonoma	3	64.7	63	54.7	54	58	55
Tehama	3	58	61	50	48	46.3	47
Tulare	4	49	47	44	39	46.5	40
Ventura	3	55.3	62	50.3	53	52.3	54
Others (14)	18	59.1	59.7	51.8	50.4	53.8	50.4
TOTALS (42)	178	59.2***	57.7	52.9	49.6	54.5###	51
California Avg.			54		48		50

*Counties listed have three or more CPM schools; those with one or two are combined under "others."

**Only 12 schools with 9th grade. #Only 3 schools with 11th grade ##Only 8 schools with 11th grade.

***177 schools. ###176 schools.

Totals for CPM schools are the weighted average for the 42 (of 58) counties. The scores are for all students, including LEP (not proficient in English) students. Data for this report, including the County and California averages, are the scores reported by the California Department of Education as posted on its web site.

Each score reported is the national percentile rank (NPR) of the "average" student, which estimates the individual percentile rank of the hypothetical "average" student in each group. The SAT9 is a nationally normed test. Its norming sample was representative of the nation (with respect to geographical, ethnic, socio-economic, and urban factors), but not necessarily of the state.

The mathematics portion mostly measures basic skills and elementary applications of concepts in a multiple choice format. In short, it assesses content and procedures. **This is the fifth year that the SAT9 results show that, on average, CPM schools are notably above the state average NPR in all three grades.** The percentages above the state average for CPM schools appear in table below. Furthermore, only 11 of the 178 CPM schools have average NPRs more than ten points below the state average. There are 64 CPM schools more than ten points above the state average NPR.

These results are consistent with every study CPM has previously reported for student performance on multiple choice tests measuring basic mathematics for a course or grade level. CPM students do from somewhat better to significantly better than their peers who use other curriculum materials on these kinds of tests. They do much better on tests that use written response items. Taken as a whole, especially in light of increasing SAT9 scores each year, teachers who choose the CPM curriculum can rest assured that the expected mathematics content and skills are in the courses. The SAT9 test does not measure the added benefits of using CPM: problem solving strategies, concept development, and contextual applications. In short, the CPM mathematics program gets results. It is one way to meet the California content standards.

COUNTY	9th Grade		10th Grade		11th Grade	
	CPM Avg.	County Avg.	CPM Avg.	County Avg.	CPM Avg.	County Avg.
1998 TOTALS	52.9	52.3	46.9	44.6	49.2	47.1
California 1998 avg.	50		43		46	
CPM % above state avg.	5.8%		9%		7%	
1999 TOTALS	54.7	54.0	49.4	47.7	51.6	49.7
California 1999 avg.	51		45		48	
CPM % above state avg.	7.3%		9.8%		7.5%	
2000 TOTALS	57.6	56	51.6	48.4	53.2	50.8
California 2000 avg.	54		47		50	
CPM % above state avg.	6.7%		9.8%		6.4%	
2001 TOTALS	58.7	56.9	51	47.7	53.5	50.1
California 2001 avg.	54		47		50	
CPM % above state avg.	8.7%		8.5%		7%	
2002 TOTALS	59.2	57.7	52.9	49.6	54.5	51
California 2001 avg.	54		48		50	
CPM % above state avg.	9.6%		10.2%		9%	

Complete 1998-2002 results are available at www.cpm.org.