DOCUMENT RESUME

ED 355 100 SE 053 300

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TITLE	Colorado Student Enrollment in Mathematics and Science, Fall 1991. A Survey of Enrollment of Colorado Public School Students, Grades 7-12, in Science Mathematics, and Computer Science Courses.
INSTITUTION	Colorado State Dept. of Education, Denver.
PUB DATE	May 92
NOTE	58p.
PUB TYPE	Statistical Data (110) -- Report - Research/Technical (143)
EDRS PRICE	MF01/PC03 Plus Postage.
DESCRIPTORS	*Computer Science; *Course Selection (Students); Cultural Differences; *Enrollment; Enrollment Trends; Mathematics; *Mathematics Education; Public Schools; School Demography; *Science Education; Secondary Education; Secondary School Mathematics; *Secondary School Students; Sex Differences
IDENTIFIERS	*Colorado

ABSTRACT

In recent years the graduation requirements in mathematics and science have increased in response to state and national goals calling for increased competency by U.S. graduates in those areas. Data on course enrollment in science, mathematics, and computer science in grades 7-12 were collected from 89 percent of the schools in Colorado in October, 1991. Results indicated that all students in grades 7-8 and nearly 80 percent of the students in grades 9-12 in fall, 1991 were enrolled in mathematics and science courses. Computer enrollments were small. From 20%-30% of of grades 7-8 and 10% of grades 9-12 were enrolled in advanced mathematics classes. Approximately 9% of students in grades 9-12 were enrolled in advanced level science courses. Males and females were taking advanced courses in nearly equal proportions, with girls more likely to be in advanced biology and boys in advanced physics and computer science. Asian American students were most likely to be in advanced mathematics and science courses, almost twice as likely as African American, Hispanic, or American Indian students. In comparison to earlier years, Colorado students were taking more mathematics and science classes in 1991. Compared to the rest of the nation, Colorado students were taking mathematics and science in equal or greater proportions. Appendices provide: (1) state total enrollments by course; (2) directories of definitions for course categories in mathematics, science, and computer science; and (3) percent of students enrolled for selected advanced courses, selected advanced mathematics courses, and selected advanced science courses listed by school district. (MDH)

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Colorado Student Enrollment in Mathematics and Science Fall 1991

A survey of enrollment of Colorado public school students, grades 7-12, in Science, Mathematics, and Computer Science Courses

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Colorado

Student Enrollment

in Mathematics and Science

Fall 1991

A survey of enrollment of Colorado public school students, grades 7-12, in Science, Mathematics, and Computer Science Courses

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May, 1992

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Fall 1991

Colorado Department of Education, May 1992

Executive Summary

State and national goals call for increased competency by our graduates in mathematics and science. These goals reflect the concern that our students do not compare well in mathematics and science with other industrialized nations, and that our future as a nation depends on competence and understanding of mathematics, science and technology.

In recent years the graduation requirements in mathematics and science have increased slightly. This study asks whether students are taking mathematics and science courses.

Data on fall semester course enrollments in science, mathematics and computer science in grades 7-12 were collected from Colorado schools in October, 1991. Reports were received from 89 percent of schools and 97 percent of districts.

All students in grades 7 and 8 and nearly 80 percent of students in grades 9-12 in fall 1991 were enrolled in mathematics and science. Computer science enrollments are small. From 20 to 30 percent of grades 7 and 8 were enrolled in accelerated mathematics classes. Only about 10 percent of grades 9-12 were enrolled in advanced mathematics classes. These enrollments translate into perhaps 20 percent of juniors and seniors in advanced mathematics, with about 10 percent of seniors taking calculus and advanced placement mathematics. Only about 12,000 students or 9 percent of students grades 9-12 were enrolled in advanced level science courses. This translates into about 18-20 percent of juniors and seniors.

Based on fall 1991 course enrollments, males and females were taking advanced courses in nearly equal proportions. Girls were somewhat more likely to be in advanced biology and boys in advanced physics and computer science. By ethnic category, Asian American students were most likely to be in advanced mathematics and science classes, nearly twice as likely as Black, Hispanic or American Indian students.

Compared to earlier years, Colorado students were taking more mathematics and science classes in 1991. At least a third of our graduates have had three years of mathematics and science. Colorado students appear to be taking mathematics and science classes in the same or greater proportions than the rest of the nation. Based on national data, however, taking more courses does not always lead to taking higher level courses, as many students meet requirements with lower level courses. Still, based on reports from the American College Testing college entrance exams, more Colorado students are reporting advanced courses than five years ago.

Colorado Student Enrollment in Mathematics and Science
Fall 1991

Introduction

"We live," says noted astronomer Carl Sagan, "in a society--and a nation and world--exquisitely dependent on science and technology, in which hardly anyone knows anything about science and technology."

As part of the Colorado Department of Education's (CDE) on-going research and evaluation, a study was conducted of mathematics and science course enrollment. For some years CDE has been providing data to the science and mathematics indicators project of the Council of Chief State School Officers (CCSSO), but enrollment data were not previously collected.

The State Board of Education, in 1988, established goals for achieving significant gains in educational achievement and certifying graduates' skills necessary for postsecondary education. In 1990 national education goals were established, including Goal 4: "By the year 2000, U.S. students will be first in the world in science and mathematics achievement."

These goals reflect the concern that our students do not compare well in mathematics and science with other industrialized nations, and that our future as a nation depends on competence and understanding of mathematics, science and technology. More importantly, the opportunity for individuals often has been limited by underachievement in mathematics and science. "The fastest growing jobs require much higher math, language and reasoning capabilities than current jobs ..." (Johnston and Packer, 1987). "Yet, for lack of mathematics power, many of today's students are not prepared for tomorrow's jobs. In fact, many are not even prepared for today's jobs" (Board on Mathematics Sciences, 1989).

In order to look at science and mathematics achievement, the state included mathematics in its Student Assessment Program tests in 1988 and 1991. In February, 1990, Colorado also participated in the first National Assessment of Educational Progress (NAEP) trial state assessment of eighth grade mathematics, and participated again in the spring 1992 NAEP mathematics assessment at the fourth and eighth grades.

Colorado was the only state to participate as a total state in the second International Assessment of Educational Progress (IAEP), covering mathematics and science, conducted in March, 1991.

In anticipation of the release of the international assessment results in spring 1992, a task force was formed to review other available information on the quality of science and mathematics education in Colorado. In the end, it was decided to conduct a survey of course enrollments as a straight-forward means of providing some information on mathematics and science education without causing schools to be burdened with major

new data collection. The task force realized, however, that a snapshot of student enrollment by type of course did not provide any depth or richness regarding what students actually learned.

Background

Several surveys of graduation requirements in Colorado school districts have been conducted, covering 1983, 1985, 1987 and 1991. In 1985, 33 percent of the districts required two and one-half to four units in mathematics for graduation. By 1991, 43 percent required more than two units. In science, in 1985, 21 percent of Colorado districts required more that two units. By 1991, 30 percent required more than two science units for graduation.

However, national data indicate that, while increasing graduation requirements increases the number of courses taken, the number of students taking higher level courses does not necessarily go up. Requirements are met with courses at lower levels (Blank and Engler, 1992). Overall, between 1982 and 1990, enrollment in science and mathematics courses in America's high schools has risen significantly. At the same time the number of college bound students interested in majoring in science and mathematics in college has been declining (ETS, 1989).

Procedures

Because of the state's participation in the CCSSO indicators project, the format adopted to collect enrollment data was closely modeled after the national report. Department staff had been collecting, informally, some enrollment data in higher level courses on a district-by-district basis during accreditation visits. These data were not summarized for state estimates, however.

The course enrollment forms, as finally designed, looked essentially as is shown in Appendix A. It was designed for school reporting, but also could be used as a district report. These forms were included as part of the annual Fall Report (CDE-4). The form, Section J in the fall report, asked for course enrollment as of October 1, 1991, for grades 7-8 on one page, and grades 9-12 on two other pages. Enrollments were to be broken down by gender and ethnic group, which is how membership and dropout data are collected in Colorado.

The forms went out with a "Recommended" stamp from the Data Acquisition, Reporting and Utilization Advisory Committee (DARU). The stamp assures school personnel that the data collection has been reviewed and was legitimate and worthwhile. A limited set of definitions of courses, adopted from the national indicators project, was provided with the forms (see Appendix B). Schools were asked to call if they had questions. The anticipated plan is to collect such information every two or three years to look for growth and equity in the proportion of students taking higher level courses.

A few issues arose concerning how to count enrollments. Schools with block schedules, in which a year long credit is given for one block and then students rotate

through the blocks, were asked to count all the students. Otherwise, in a seventh grade block, for instance, only half of the students would be counted. Remedial seventh and eighth grade mathematics courses were included with the "regular" count. Postsecondary options courses should have been included. Continuous progress courses, in which a student may start in "regular" mathematics and move on to "advanced" mathematics by the end of the year, were raised as a problem by only one district. The district was asked to estimate the number of advanced students they might have.

The analysis consisted largely of summing enrollment counts and computing percentages based on total enrollments (October count) for each school or district. Computing percentages meant taking course reports from one file and total enrollment reports submitted by the district from another file. The two files, generally submitted by different district persons, had a potential to differ in total counts plus differing in the ethnic category assigned a student. Across the whole state such differences would not significantly affect percentages, but could within a smaller district.

Results

a. Response Rate

Even though completing the forms was optional ("Recommended"), all but six districts provided data (97 percent response rate). Table 1 shows the numbers of districts and schools reporting. At the school level, 91 percent of schools grade 7-8 and 88 percent of schools grade 9-12 reported or 89 percent overall. Three districts reported with district totals.

The course enrollment counts are by course. A student may enroll in more than one course and be counted more than one time. Also, the enrollments are for fall semester, 1991, and do not show cumulative course taking through graduation. Since most of these courses are year-long courses, the count does give a good one-year picture.

b. General Results

Table 2 shows the state total enrollments by course category. In mathematics, all students (100 percent) appear enrolled in grades 7-8, and the sum of all grade 9-12 mathematics enrollment is 81 percent. These figures would need to be adjusted down to take into account students who may have been enrolled in more than one course in fall 1991.

Computer science enrollments were small. These classes are computer science/programming courses, not subject matter courses in which computers are used (see Appendix B for definitions). The trend in schools, actually, is to consider programming courses as specialty electives and to encourage application courses where computers are used as a tool.

Table 1

Mathematics-Science Enrollment Survey
Response Rates

Category	Number of Colorado Public Schools in Category	Number Reporting	Percent Reporting
Districts - Grades 7-8	176	166	94
Schools with Grades 7 or 8	323	295	91
Districts - Grades 9-12	179 *	173 *	97
Schools with Grades 9, 10, 11 or 12	329	288	88

* Includes four BOCES with schools

Science enrollments in grades 7-8 appear to include virtually all students (98 percent), assuming little or no duplicate enrollments. Most middle level students were in general science or life science.

In grades 9-12, total science enrollment reported was a healthy 76 percent, but this undoubtedly includes a number of students enrolled in more than one science course. Biology was clearly the most frequently taken course with chemistry and earth science tied for second.

c. Advanced Course Enrollments

A major purpose of the survey was to look at enrollment in advanced courses. Are students taking advanced courses and Advanced Placement (AP) classes, and are both genders and all racial-ethnic groups enrolled? Tables 3 and 4 show the number and percentage of students enrolled in advanced courses by gender and ethnic category. Appendices C, D and E show the percentage of students in selected courses by school district.

Table 2

Mathematics-Science Course Enrollment, Grades 7-12

Colorado Public Schools, Fall Semester, 1991

Grade Level	Course Area	Course Enrollment Number of Students	Course Enrollment Percentage of Students
	Mathematics		
Middle Level (G7-8)	Grade 7 - Regular	33,338	81.5
	Grade 7 - Accelerated	8,314	20.3
	Grade 8 - Regular	27,865	71.9
	Grade 8 - Accelerated (Algebra)	10,713	27.6
High School (G9-12)	Review Math - Level 1 (General, Remedial)	8,104	5.6
	Review Math - Level 2 (Consumer)	6,484	4.5
	Informal Math - Level 1 (Pre-Algebra 1A)	16,662	11.6
	Formal Math - Level 1 (Algebra 1, 1B)	27,948	19.5
	Formal Math - Level 2 (Geometry)	23,629	16.5
	Formal Math - Level 3 (Algebra 2)	18,262	12.7
	Formal Math - Level 4 (Adv Math, PreCalc)	11,425	8.0
	Formal Math - Level 5 (Calc, Adv Placement)	3,252	2.3
	COMPUTER SCIENCE		
Middle Level (G7-8)	Grade 7-8 Computer Science	7,485	9.4
Senior High (G9-12)	Computer Science/Programming I	6,643	4.6
	Computer Science/Programming II	2,013	1.4
	SCIENCE		
Middle Level (G7-8)	General Science	24,449	30.7
	Life Science	25,944	32.6
	Earth Science	9,931	12.5
	Physical Science	16,126	20.2
	Other Science	1,365	1.7
High School (G9-12)	Biology - 1st Year	32,969	23.0
	Biology - 2nd Year, Adv Placement	7,404	5.2
	Chemistry - 1st Year	16,188	11.3
	Chemistry - 2nd Year, Adv Placement	3,005	2.1
	Physics - 1st Year	7,568	5.3
	Physics - 2nd Year, Adv Placement	745	0.5
	Earth Science - 1st Year	16,329	11.4
	Earth Science - 2nd Year, Adv Placement	1,383	1.0
	General/Integrated Science	6,252	4.4
	Physical Science	10,700	7.5
	Other Science/Technology	5,729	4.0

Table 3

Number of Students Grade 7-12 Enrolled in Advanced Courses

Colorado Public Schools, Fall Semester, 1991

Course	Total	Male	Female	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black	Hispanic	White
MATHEMATICS								
Grade 7--Accelerated	8,314	4,189	4,125	67	205	523	1,831	5,688
Grade 8--Accelerated	10,713	5,242	5,471	141	295	360	1,216	8,701
Formal Math--Level 3 (Algebra 2)	18,262	8,984	9,278	100	643	547	1,873	15,099
Formal Math--Level 4 (Adv Math, PreCalc)	11,425	5,821	5,604	39	521	253	907	9,705
Formal Math--Level 5 (Calculus, AP*)	3,252	1,839	1,413	11	237	45	200	2,759
COMPUTER SCIENCE								
Grade 7-8 Computer Science	7,485	4,038	3,447	54	146	246	1,243	5,796
Grade 9-12 Computer Sci/Programming II	2,013	1,238	775	8	84	27	170	1,724
SCIENCE								
Biology--2nd Year, AP	7,404	3,269	4,135	38	221	329	951	5,865
Chemistry--2nd Year, AP	3,005	1,611	1,394	14	202	74	232	2,483
Physics--2nd Year, AP	745	502	243	2	56	15	29	643
Earth Science--2nd Year, AP	1,383	763	620	12	24	52	287	1,008

* AP = Advanced Placement course

Table 4

Percentage of Students Grade 7-12 Enrolled in Advanced Courses

Colorado Public Schools, Fall Semester, 1991

Course	Total	Male	Female	American Indian/ Alaskan Native	Asian/ Pacific Islander	Black	Hispanic	White
MATHEMATICS								
Grade 7--Accelerated	20.3	20.0	20.7	17.5	25.8	23.7	26.0	18.7
Grade 8--Accelerated	27.6	26.5	28.8	41.1	37.5	18.2	18.1	30.1
Formal Math--Level 3 (Algebra 2)	12.7	12.2	13.3	7.8	17.6	7.6	8.1	14.0
Formal Math--Level 4 (Adv Math, PreCalc)	8.0	7.9	8.0	3.0	14.3	3.5	3.9	9.0
Formal Math--Level 5 (Calculus, AP*)	2.3	2.5	2.0	0.9	6.5	0.6	0.9	2.6
COMPUTER SCIENCE								
Grade 7-8 Computer Science	9.4	[illegible]	8.9	7.4	9.2	5.9	9.8	9.0
Computer Science/Programming II	1.4	1.7	1.1	0.6	2.3	0.4	0.7	1.6
SCIENCE								
Biology--2nd Year, AP	5.2	4.4	5.9	3.0	6.1	4.6	4.1	5.4
Chemistry--2nd Year, AP	2.1	2.2	2.0	1.1	5.5	1.0	1.0	2.3
Physics--2nd Year, AP	0.5	0.7	0.4	0.2	1.5	0.2	0.1	0.6
Earth Science--2nd Year, AP	1.0	1.0	0.9	0.9	0.7	0.7	1.2	0.9

* AP = Advanced Placement course

Looking at the percentages in Table 4, there were no major differences between enrollment rates for males and females. About 23 percent of both sexes were enrolled in advanced level mathematics courses including Algebra 2. Enrollment beyond Algebra 2 was 10 percent. Mathematics teachers generally do not define Algebra 2 as an advanced course. Only about 9 percent of each sex were enrolled in advanced level science courses in fall 1991. Girls were somewhat more likely to be in advanced biology and boys in advanced physics and computer science.

The equity in advanced course taking among racial-ethnic groups was not as favorable as equity between gender groups. Asian students were most likely to take advanced courses, followed by White students, with other groups about equal in course enrollment. Asian students were twice as likely as Black, Hispanic or American Indian students to be enrolled in advanced mathematics or science courses. Adding together the advanced science course enrollments, the percentage of students in advanced science classes were: Asian--14%, White--9%, Black--7%, Hispanic--6% and American Indian--5%. In no case was more than 15 percent of the 9th-12th grade of any grouping enrolled in advanced science courses.

It should be noted that the denominator in calculating high school percentages was the total enrollment (grades 9-12), while most students in advanced courses are juniors or seniors. It might be fair to double the percentage figures for advanced courses reflecting enrollment as a percent of juniors-seniors. However, the data provide no basis for actually estimating the accuracy of such a correction. Under such a correction, the advanced mathematics enrollments in fall 1991 would go up from 10 to 20 percent, and the advanced science enrollment from 9 to 18 percent.

Discussion

Colorado enrollments in selected courses for fall 1991 are shown below, compared to national percentages having taken the courses by graduation in 1990, according to the national indicators report (Blank and Dalkilic, 1990).

	Colorado Fall Semester 1991	Nation Graduation Total 1990
Level 1-Algebra 1	20%	81%
Level 3-Algebra 2	13	46
Level 5-Calculus	2	9
Biology 1	23	95
Chemistry 1	11	45
Physics 1	5	20

It is not clear how to project the Colorado surveys one-year counts into a cumulative count of students having taken a course by graduation. If the one-year counts for grades 9-12 are multiplied by four, Colorado shows counts comparable to the graduation totals in the national indicators report.

Looking just at advanced courses, the national study (Blank and Dalkilic, 1990) took enrollments as a percent of twelfth grade students. On that basis the 1989-90 U.S. data placed 9 percent of twelfth graders in calculus, 18 percent in advanced biology and one and one-half percent in advanced physics. Using comparable twelfth grade data as the base in Colorado, Colorado advanced course enrollment figures were slightly higher: calculus 10 percent of twelfth graders, advanced biology 22 percent and advanced physics 2 percent.

In the eighth grade, Colorado enrollments were reported as 28 percent in accelerated mathematics. Nationally, the indicators project reported 14 percent of eighth graders in accelerated mathematics.

An informal study of Colorado advanced course enrollments was made in 1987 by the Legislative Council (Stafford, 1988). That study produced lower enrollment estimates than the present study, with advanced mathematics and science courses reported for 5 and 4 percent of the students respectively in 1987. The 1991 estimates reported here were 10 and 9 percent for advanced mathematics and science courses.

Another source of estimates for course taking are the reports from college entrance exams. The American College Testing program (ACT) reported that 10,853 students in the class of 1991 had taken the core program including three years or more of science and three years or more of mathematics. This was 53 percent of ACT test takers and 32 percent of twelfth grade membership. These students reported on courses taken or planning to take. In mathematics, 80 percent had taken algebra 2, 49 percent trigonometry and 19 percent calculus. In science, 93 percent had taken biology and 45 percent physics. Colorado course taking percentages reported by ACT were slightly higher than national figures, even though a much higher proportion of students take the ACT in Colorado. About 60 percent of Colorado seniors take the ACT. Compared to five years ago these state and national figures show major increases in enrollments. In 1986, ACT test takers in Colorado reported 13 percent had the core of three years of science and mathematics, 47 percent had algebra 2, 10 percent calculus and 16 percent physics.

The Colorado report on students taking the Scholastic Aptitude Test (SAT) indicated that 97 percent had taken algebra, 62 percent trigonometry, 22 percent calculus, 96 percent biology and 59 percent physics. About 28 percent of Colorado seniors take the SAT.

As was reported earlier (Blank and Engler, 1992), taking more courses does not always lead to taking higher level courses. However, increased graduation requirements adopted in recent years have led to increased course taking, at least among college bound, for the very groups which previously had less academic preparation in mathematics and science: women, students from lower income families, and minorities

(Bartell and Nobel, 1990). Furthermore, students taking advanced courses demonstrate larger gains in conceptual and problem solving areas, while students taking lower level courses show gains in basic arithmetic (Education Week, 1992). Unfortunately, says this report from the National Education Longitudinal Study of 1988 (NELS:88), it is Black and Hispanic students who were taking the lower level courses. The Asian and White students as well as the Black and Hispanic students showed similar gains, but they were learning different things.

"It's almost," said Donald Rock, Education Testing Service, "as though they are in two different school systems." And indeed, says Jeannie Oakes (1990), they are in different systems in which, "even in elementary school, children from low income families, Black and Hispanic children, children in central cities and children who were clustered in 'low-ability' classes have strikingly different science and mathematics experiences." By high school, such students have measurably less access to higher level programs, engaging classroom experiences, qualified teachers and resources.

Mathematics and science education are in transformation, shifting from basics for most students and advanced for a few to an integrated, significant core for all students (see, for example: American Association for the Advancement of Science, 1989; Board on Mathematical Sciences, 1989; National Council of Teachers of Mathematics, 1989; and National Science Teachers Association, 1992). The goal is that all graduates should be literate in mathematics and science. The curriculum will show less of traditional course structure and will emphasize thinking, problem solving and connections among fields, teaching less so it can be taught better. Learning will need to be student-centered with clear, high standards, but with students actively constructing their understanding rather than memorizing "knowledge."

All of these changes have implications for future reports on enrollment in mathematics and science. If all students are in challenging core courses, then what expectations do we have for "advanced" classes. Does the existence of advanced middle school courses mean we have already tracked students out of a challenging core? If mathematics is integrated throughout the learning experiences of students, we may not get much of a picture from course enrollments, but will need estimates of what students can do.

Conclusions

Colorado students are taking mathematics and science classes in large numbers, but relatively few, 10-20 percent, are taking advanced courses. Based on fall 1991 course enrollments, males and females are taking advanced courses in nearly equal numbers. At least a third of our graduates have had three years of mathematics and science.

By ethnic category, Asian American students in Colorado were most likely to be in advanced mathematics and science classes, nearly twice as likely as Black, Hispanic or American Indian students.

Colorado students are taking more mathematics and science classes than in earlier years, reflecting in part increases in graduation requirements. Colorado students appear to be taking mathematics and science classes in at least the same or greater proportions as the rest of the nation.

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APPENDICES

A State Total Enrollments by Course

B Directory of Course Titles by Reporting Categories

C Percent of Students Enrolled by School District for Selected Advanced Courses, Grades 7-8

D Percent of Students Enrolled by School District for Selected Advanced Mathematics Courses, Grades 9-12

E Percent of Students Enrolled by School District for Selected Advanced Science Courses, Grades 9-12

APPENDIX A

STATE TOTAL ENROLLMENTS BY COURSE -- GRADES 7-8

1991 FALL REPORT -- CDE-4
SECTION J: SECONDARY COURSE ENROLLMENT -- SCIENCE, MATHEMATICS, COMPUTER SCIENCE

	AMERICAN INDIAN OR ALASKAN NATIVE		ASIAN OR PACIFIC ISLANDER		BLACK, NOT OF HISPANIC ORIGIN		WHITE, NOT OF HISPANIC ORIGIN		HISPANIC		
	M	F	M	F	M	F	M	F	M	F	TOTAL
Science Course											
General Science	146	162	348	334	1,192	1,328	7,192	6,892	3,448	3,407	24,449
Life Science	86	85	211	230	436	408	10,952	10,403	1,645	1,488	25,944
Earth Science	46	41	64	52	88	98	4,045	3,922	819	756	9,931
Physical Science	45	48	145	168	291	301	6,733	6,579	1,011	805	16,126
Other Science	8	6	24	16	12	8	581	494	138	78	1,365
Mathematics Course											
Math, Gr 7, Reg	151	170	310	301	887	960	12,660	12,079	3,032	2,788	33,338
Math, Gr 7, Accel	30	37	101	104	263	260	2,871	2,817	924	907	8,314
Math, Gr 8, Reg	120	126	264	251	742	801	10,523	10,008	2,596	2,434	27,865
Math, Gr 8, Accel	68	73	142	153	163	197	4,280	4,421	589	627	10,713
Computer Science/Prog	27	27	80	66	116	130	3,144	2,652	671	572	7,485

Please report each school's total student course enrollment in each of the above Science, Mathematics and Computer Science courses as o October 1, 1991. Forms have been included in your packet for each secondary school in your district. However, if you so choose, you may report district totals using a single form.

STATE TOTAL ENROLLMENTS BY COURSE -- GRADES 9-12

1991 FALL REPORT -- CDE-4
SECTION J: SECONDARY COURSE ENROLLMENT -- MATHEMATICS & COMPUTER SCIENCE

	AMERICAN INDIAN OR ALASKAN NATIVE		ASIAN OR PACIFIC ISLANDER		BLACK, NOT OF HISPANIC ORIGIN		WHITE, NOT OF HISPANIC ORIGIN		HISPANIC		
	M	F	M	F	M	F	M	F	M	F	TOTAL
Mathematics Course											
Review Mathematics											
Lev 1 (Gen, Remedial)	69	46	82	59	326	197	2,840	2,056	1,321	1,108	8,104
Lev 2 (Consumer, Voc,)	40	37	49	37	256	186	2,436	2,135	699	609	6,484
Informal Mathematics											
Lev 1 (Pre-Algebra & 1A)	106	75	166	172	621	514	5,985	5,375	1,849	1,799	16,662
Formal Mathematics											
Lev 1 (Algebra 1 & 1B)	147	143	279	314	942	854	10,405	9,741	2,600	2,523	27,948
Lev 2 (Geometry)	69	85	329	361	528	538	9,329	9,644	1,375	1,371	23,629
Lev 3 (Algebra 2, Interm)	55	45	324	319	263	284	7,428	7,671	914	959	18,262
Lev 4 (Adv Math, PreCalc)	21	18	269	252	107	146	4,988	4,717	436	471	11,425
Lev 5 (Calc. Adv Plcm)	4	7	118	119	18	27	1,575	1,184	124	76	3,252
Computer Science											
Comp Science/Prog I	32	31	110	90	124	110	2,829	2,237	519	561	6,643
Adv Comp Sci/Prog II	5	3	53	31	17	10	1,063	661	100	70	2,013

Please report each school's total student course enrollment in each of the above Mathematics and Computer Science courses as of October 1, 1991. Forms have been included in your packet for each secondary school in your district. However, if you so choose, you may report district totals using a single form.

APPENDIX A (Continued)

STATE TOTAL ENROLLMENTS BY COURSE -- GRADES 9-12

1991 FALL REPORT -- CDE-4
SECTION J: SECONDARY COURSE ENROLLMENT -- SCIENCE

	AMERICAN INDIAN OR ALASKAN NATIVE		ASIAN OR PACIFIC ISLANDER		BLACK, NOT OF HISPANIC ORIGIN		WHITE, NOT OF HISPANIC ORIGIN		HISPANIC		
	M	F	M	F	M	F	M	F	M	F	TOTAL
Science Course											
Biology, 1st Year	159	164	401	365	984	852	12,433	11,863	2,958	2,790	32,969
Biology, 2nd Year, AP	20	18	108	113	144	185	2,570	3,295	427	524	7,404
Chemistry, 1st Year	46	55	291	263	342	406	6,473	6,576	868	868	16,188
Chemistry, 2nd Yr, AP	7	7	110	92	28	46	1,342	1,141	124	108	3,005
Physics, 1st Year	21	14	188	173	124	104	3,678	2,640	355	271	7,568
Physics, 2nd Year, AP	1	1	26	30	3	12	448	195	24	5	745
Earth Science, 1st Yr	66	50	152	187	290	194	6,602	6,195	1,395	1,198	16,329
Earth Sci, 2nd Year, AP	6	6	15	9	30	22	559	449	153	134	1,383
General/Integr Science	82	79	58	54	141	97	2,391	1,982	704	664	6,252
Physical Science	59	46	112	121	420	380	4,168	3,808	762	824	10,700
Other Science/Tech	47	28	72	68	294	312	2,122	1,676	604	506	5,729

Please report each school's total student course enrollment in each of the above Science courses as of October 1, 1991. Forms have been included in your packet for each secondary school in your district. However, if you so choose, you may report district totals using a single form.

APPENDIX B

DIRECTORY OF COURSE TITLES BY REPORTING CATEGORIES FOR MATH, COMPUTER SCIENCE AND SCIENCE GRADES 9-12

MATH COURSE CATEGORIES	SAMPLE OF DISTRICT TITLES
Review Mathematics Level 1	General Math 1-4; Basic Math; Math 9-12; Remedial Math; Developemental; H.S. Arithmetic; Math Comp Test; Comprehensive Math; Terminal Math
Level 2	Vocational Math; Applied; Consumer; Technical; Business; Math 10; Career Math; Practical Math; Essential Math; Cultural Math
Informal Mathematics Level 1	Pre-Algebra; Introductory Algebra; Applications; Algebra 1A (first year of two year sequence); Non-College Algebra
Formal Mathematics Level 1	Algebra 1; Elementary; Beginning; Unified Math I; Integrated Math 1; Algebra 1B (second year of two year sequence)
Level 2	Geometry; Plane Geometry; Solid Geometry; Integrated Math 2; Unified Math II
Level 3	Algebra 2; Intermediate; Algebra and Trigonometry; Algebra and Analytical Geometry; Integrated Math 3; Unified Math III
Level 4	Algebra 3; Trigonometry; Advanced Algebra; College Algebra; Pre-Calculus; Analytical/Advanced Geometry; Trigonometry and Analytic/Solid Geometry, Math Topics; Intro. to College Math; Number Theory; Math IV; College Prep Sr. Math; Elem. Functions
Level 5	Calculus and Analytical Geometry; Calculus; Abstract Algebra; Differential Equations; Multivariate Calculus; Linear Algebra; Probability; Statistics; Theory of Equations; Vectors/Matrix Algebra; Math Analysis; Post Secondary Options; Advanced Placement; and other college level math courses
COMPUTER SCIENCE CATEGORIES	
Computer Science/Programming I	Introductory Programming(any language); Programming I; Computer Language I
Advanced Computer Science/Progamming II	Advanced Programming; Programming II; Computer Language II; Advanced Placement
SCIENCE COURSE CATEGORIES	SAMPLE OF DISTRICT TITLES
Biology, 1st Year	Biology I; General; College Prep; Basic Biology; Applied; Life Science; Lab Techniques (Biol.); Biomedical Ed.; Animal Science; Horticulture Sci.; Bio Science; Health Science; Nutrition; Man & Disease; Agricultural Science; Fundamentals of Biology
Biology, 2nd Year	Advanced Placement Biology; Biology II; Advanced; College; Marine Biology; Psycobiology; Physiology; Anatomy; Zoology; Botany; Microbiology; Genetics; Cell Biology; Embryology; Invertebrate/Vertebrate Biology; Molecular Biology
Chemistry, 1st Year	Chemistry I; General; Introductory; Applied Chemistry; Consumer; Technical Chemistry; Lab Techniques (Chem.); Practical Chemistry
Chemistry, 2nd Year	Advanced Placement Chemistry; Chemistry II; Advanced; College; Organic/Inorganic; Physical; Biochemistry; Analytical
Physics, 1st Year	Physics I; General; Introductory; Applied Physics; Applied Physical Science; Electronics; Radiation Physics; Lab Techniques
Physics, 2nd Year	Advanced Placement Physics; Physics II; Advanced; College; Nuclear Physics; Atomic Physics
Earth Science, 1st Year	Earth Science; Earth Space Science; Applied Earth Science; Fundamentals of Earth Science; Soil Science
Earth Science, 2nd Year	Advanced Earth Science; Meteorology; Geology; Astronomy; Oceanography
General Science	General Science; Basic; Introductory; Unified; Comprehensive Ideas of Investigations in Science; Life/Physical Science; Integrated Science; Earth/Life/Physical Science
Physical Science	Physical Science; Interaction Matter and Energy
Other Science, 9-12	Science/Math; Engineering; Bioengineering; Special Interests Science; Ecology; Environmental Science; Electricity; Energy; Research Topics; Science-Technology-Society; Aerospace Science

DEFINITIONS FOR MATHEMATICS COURSE CATEGORIES

GRADES 7-8

Math 7 Regular: Courses covering the regular or remedial 7th grade mathematics program. Each student should only be counted one time. 7th grade students who are enrolled in 6th grade mathematics class should not be reported here.

Math 7 Accelerated: Accelerated or enriched course of mathematics. Students reported in this category will in all likelihood, enroll in Algebra I as 8th graders. This may be a course in pre-Algebra, or those 7th grade classes designated as honors, enriched, accelerated, etc.

Math 8 Regular: Regular or remedial 8th grade mathematics programs. Each student should only be counted one time. 8th grade students who are enrolled in 7th grade mathematics courses should be reported with the regular 7th grade enrollments. 8th graders enrolled in a course entitled "Pre-Algebra" should also be included here.

Math 8 Accelerated: Accelerated or enriched course of mathematics. The content of the course includes some Algebra and may be an "honors" or "enriched" course for 8th grade students. Students taking Algebra I should be included here.

GRADES 9-12

CATEGORIES

Mathematics courses for students in grades 9-12 may be placed into three categories: Review, Informal, and Formal. The categories are characterized by the degree to which they introduce students to increased levels of abstraction and by the degree to which they expose students to mathematics content not previously taught in earlier grades.

LEVELS

Levels indicate the sequence of courses within a category, and may or may not correspond to grade levels(i.e., 1 corresponding to 9th grade, 2 to 10th grade, etc). If, for example, in a particular district Geometry is typically taken immediately after Algebra I, then Level 2 of formal mathematics is Geometry. In many districts the enrollment in Calculus would be reported in Level 5 of formal mathematics.

REVIEW MATHEMATICS(LEVEL 1-2) Courses that include little or no new content are reported in this category. These courses contain no significant change in content over that which was learned in 7th or 8th grades. Courses within this category generally focus on arithmetic skill developement. Typical course names in this category are: General Mathematics, Consumer Mathematics, Basic Skills Mathematics, etc.

INFORMAL MATHEMATICS Courses that present some new content from the areas of mathematics such as Algebra, Statistics, or Geometry, but are taught at low level of abstraction are reported in informal mathematics. Many of these courses contain an emphasis on applications. Other courses that may be inccluded in this category are those which serve as prerequisite to Algebra I, such as Pre Algebra or the first year of a two year Algebra I course. Informal or practical Geometry courses, as well as courses in applied mathematics that focus on more than computational facility are other examples of courses that may be reported here.

FORMAL MATHEMATICS(LEVELS 1-5): Enrollments in courses designed to prepare students for admission to post-secondary educational institutions, for the study of more advanced mathematics, or for the study of Calculus are reported in formal mathematics. This includes Algebra I, Geometry, Algebra II, Trigonometry, Probability, PreCalculus mathematics, Calculus and other courses designed for students who have and advanced level of mathematics aptitude.

DEFINITIONS FOR COMPUTER SCIENCE CATEGORIES

Computer Science/Computer Programming I*: Beginning computer language course where student develops problem solving skills through use of a computer language. (For example, student learns to write a program through arrays of at least 100 lines and spends ⅛ to ½ of classroom time on line.)

Advanced Computer Science/Programming II: A more intensive, second level course, teaching advanced skills, perhaps an additional language. (For example, student writes longer more advanced programs, through pointers, for example). Students taking Advanced Placement Computer Science should be included here.

*Not to include general computer education, computer literacy, or computer applications courses where students do not go beyond learning to use software packages.

APPENDIX B (Continued)

DEFINITIONS FOR SCIENCE COURSE CATEGORIES (GRADE 9-12)

Biology, 1st Year, General: A first level course which uses the knowledge of scientific principles and concepts in the context of living systems to understand how these living systems interact with each other.

Biology, 1st Year, Applied: A first level course which uses the knowledge from biological principals and concepts in a concrete and practical way to understand everyday societal problems. Relates to the basic knowledge of humankind as its primary focus.

Biology, 2nd Year, Advanced Placement: A course which adheres to the basic College Board guidelines for Advanced Placement Biology.

Biology, 2nd Year, Other Advanced: A second level course which builds on a first level biology. It may broadly cover the field or it may be an in-depth treatment of a single area such as Genetics, Human Anatomy, Microbiology or Physiology.

Chemistry, 1st Year, General: A first level course that uses the knowledge of scientific principles and concepts to understand the composition and properties of substances and the reactions by which substances are produced and/or converted into other substances.

Chemistry, 1st Year, Applied: A first level descriptive course that applies basic composition and properties of substances, in a concrete fashion, to the everyday world.

Chemistry, 2nd Year, Advanced Placement: A course that adheres to the basic College Board guidelines for Advanced Placement Chemistry.

Chemistry, 2nd Year, Other Advanced: A second level course that builds on Chemistry I. It may be a broad field coverage of chemistry or a more specialized offering in one or more areas of Chemistry such as Organic Chemistry, Biochemistry or Analytical Chemistry.

Physics, 1st Year, General: A first level course that uses knowledge of basic principles and concepts to understand the characteristics of matter and energy and how they are used in the physical world.

Physics, 1st Year, Applied: A first level course that uses knowledge of basic physical principles and concepts and applies them to everyday problems and phenomena.

Physics, 2nd Year, Advanced Placement: A course that adheres to basic College Board guidelines for Advanced Placement Physics.

Physics, 2nd Year, Other Advanced: A second level course that builds on the first level. It may be a broad coverage of the field or a more narrow coverage in a single area such as Nuclear Physics.

Earth Science, 1st Year, General: A first level course addressing the fields of astronomy, geology, meteorology, and oceanography, using the knowledge and concepts in these fields to understand the earth in relationship to the larger environment of time and space.

Earth Science, 1st Year, Applied: A first level course similar to general Earth Science that applies concrete practical concepts to everyday environmental problems.

Earth Science, 2nd Year, Advanced: A second level course which builds on the first level. This course may expand basic earth science concepts or extend to more specialized areas such as Astronomy, Meteorology, Geology or Mineralogy.

General Science: A first level, broad-based survey course covering all of the major disciplines of science: Chemistry, Physics, Biology and Earth Science.

Physical Science: A first level survey course covering basic concepts of Chemistry and Physics.

Other Science: A science course that may encompass a wide variety of topics that do not easily fall into previous definitions such as: Research Topics, Electricity, Energy, Environmental Science, Science-Technology-Society and/or Ecology.

APPENDIX C

Percent of Students Enrolled by School District For Selected Advanced Courses

Grades 7-8, Fall 1991

	County	District	Number of Schools Reporting	Total 7-8 Enroll	Math, Grade 7, Accelerated					Math, Grade 8, Accelerated					Computer Science				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
1	ADAMS	MAPLETON	2	761	18.8	30.8	20.3	27.1	24.5	12.3	16.6	7.7	18.8	14.5	4.2	2.7	1.7	4.4	3.4
2	ADAMS	ADAMS 12 5-STAR	7	3,304	11.7	13.1	10.3	12.9	12.4	20.1	27.2	19.3	24.6	23.5	5.2	4.8	8.3	4.2	5.0
3	ADAMS	COMMERCE CITY	2	859	0.0	0.0	0.0	0.0	0.0	20.0	25.0	24.0	21.4	22.5	0.0	0.0	0.0	0.0	0.0
4	ADAMS	BRIGHTON	2	658	64.7	71.7	61.8	71.7	67.9	18.4	28.3	14.5	28.8	23.3	0.0	0.0	0.0	0.0	0.0
5	ADAMS	BENNETT	1	132	12.1	19.0	33.3	15.3	16.0	23.3	22.2	28.6	22.0	22.8	0.0	0.0	0.0	0.0	0.0
6	ADAMS	STRASBURG	1	59	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	ADAMS	WESTMINSTER	4	1,600	0.0	0.0	0.0	0.0	0.0	18.1	22.7	14.9	23.7	20.3	21.6	15.3	18.2	18.9	18.6
8	ALAMOSA	ALAMOSA	1	377	14.1	15.0	8.6	19.2	14.6	8.2	20.0	4.2	23.7	14.1	0.0	0.0	0.0	0.0	0.0
9	ALAMOSA	SANGRE De CRISTO	1	47	0.0	0.0	0.0	0.0	0.0	53.3	62.5	20.0	84.6	56.5	0.0	0.0	0.0	0.0	0.0
10	ARAPAHOE	ENGLEWOOD	2	541	0.0	0.0	0.0	0.0	0.0	14.9	12.9	8.3	15.8	14.0	16.2	16.7	14.0	17.1	16.5
11	ARAPAHOE	SHERIDAN	1	250	10.6	11.3	3.3	16.7	10.9	10.0	13.5	2.2	17.9	11.6	0.0	0.0	0.0	0.0	0.0
12	ARAPAHOE	CHERRY CREEK	2	1,564	3.5	2.6	3.3	3.1	3.1	5.1	4.7	0.0	5.5	4.9	30.5	29.6	38.0	29.0	30.1
13	ARAPAHOE	LITTLETON	4	2,315	0.8	0.0	0.0	0.5	0.4	22.1	22.0	14.7	22.8	22.1	6.5	4.5	4.9	5.6	5.5
14	ARAPAHOE	DEER TRAIL	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	ARAPAHOE	AURORA	7	3,859	0.1	0.0	0.0	0.1	0.0	12.3	15.2	5.5	17.7	13.7	4.3	3.3	6.9	2.4	3.8
16	ARAPAHOE	BYERS	1	60	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
17	ARCHULETA	ARCHULETA	1	175	0.0	0.0	0.0	0.0	0.0	26.7	14.6	0.0	29.5	20.9	0.0	0.0	0.0	0.0	0.0
18	BACA	WALSH	1	45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	28.6	25.0	27.0	26.7
19	BACA	PRITCHETT	1	14	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	100.0	100.0
20	BACA	SPRINGFIELD	1	46	0.0	0.0	0.0	0.0	0.0	50.0	44.4	100.0	45.5	47.8	0.0	0.0	0.0	0.0	0.0
21	BACA	VILAS	1	12	0.0	16.7	0.0	20.0	12.5	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	BACA	CAMPO	1	14	NA	0.0	NA	0.0	0.0	100.0	100.0	NA	100.0	100.0	0.0	0.0	NA	0.0	0.0
23	BENT	LAS ANIMAS	1	127	22.9	21.9	18.8	23.5	22.4	37.0	21.2	25.0	30.0	28.3	0.0	0.0	0.0	0.0	0.0
24	BENT	MCCLAVE	1	22	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	BOULDER	ST VRAIN VALLEY	8	2,281	2.7	5.5	2.6	4.3	4.0	7.8	9.6	2.6	10.0	8.6	7.9	5.9	11.0	6.2	7.0
26	BOULDER	BOULDER VALLEY			NO DATA REPORTED														
27	CHAFFEE	BUENA VISTA	1	130	0.0	0.0	0.0	0.0	0.0	14.3	17.9	0.0	16.9	15.7	98.6	100.0	100.0	99.2	99.2
28	CHAFFEE	SALIDA	1	210	25.0	17.4	16.7	21.7	21.4	19.3	27.3	11.8	25.3	23.2	0.0	0.0	0.0	0.0	0.0
29	CHEYENNE	KIT CARSON	1	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	CHEYENNE	CHEYENNE R-5	1	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	CLEAR CREEK	CLEAR CREEK	1	218	13.1	3.6	0.0	8.8	8.5	9.3	21.3	20.0	14.6	14.9	0.0	0.0	0.0	0.0	0.0

	County	District	Number of Schools Reporting	Total 7-8 Enroll	Math, Grade 7, Accelerated					Math, Grade 8, Accelerated					Computer Science				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
32	CONEJOS	NORTH CONEJOS	1	168	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
33	CONEJOS	SANFORD	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	40.0	100.0	55.0	86.3
34	CONEJOS	SOUTH CONEJOS	1	81	90.9	100.0	100.0	NA	100.0	31.6	54.5	45.0	0.0	43.9	0.0	0.0	0.0	0.0	0.0
35	COSTILLA	CENTENNIAL	1	46	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0
36	COSTILLA	SIERRA GRANDE	1	44	0.0	0.0	0.0	0.0	0.0	80.0	100.0	75.0	100.0	85.0	53.6	31.3	43.2	57.1	45.5
37	CROWLEY	CROWLEY	1	76	50.0	31.6	10.0	51.7	41.0	35.0	58.8	55.6	42.9	45.9	0.0	0.0	0.0	0.0	0.0
38	CUSTER	CUSTER CONSOL.	1	54	0.0	0.0	NA	0.0	0.0	0.0	61.1	NA	36.7	36.7	44.4	66.7	NA	55.6	55.6
39	DELTA	DELTA	5	656	8.5	13.0	7.5	11.1	10.7	25.6	23.4	8.0	27.6	24.5	0.0	0.0	0.0	0.0	0.0
40	DENVER	DENVER	18	7,932	66.0	61.5	61.1	59.4	63.8	23.1	26.9	19.6	37.1	25.0	4.5	3.9	5.1	2.1	4.2
41	DOLORES	DOLORES CTY RE2	1	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
42	DOUGLAS	DOUGLAS	3	2,225	47.7	48.0	45.5	48.0	47.9	34.3	35.9	35.3	35.1	35.1	8.9	6.7	11.9	7.6	7.8
43	EAGLE	EAGLE	2	402	21.7	27.7	4.8	29.7	24.6	20.0	29.5	0.0	32.4	24.6	0.0	0.0	0.0	0.0	0.0
44	ELBERT	ELIZABETH	1	231	21.6	36.0	33.3	28.6	28.7	14.3	18.9	11.1	16.5	16.2	0.0	0.0	0.0	0.0	0.0
45	ELBERT	KIOWA	1	35	0.0	0.0	NA	0.0	0.0	30.0	0.0	NA	17.6	17.6	0.0	0.0	NA	0.0	0.0
46	ELBERT	BIG SANDY	1	49	0.0	0.0	NA	0.0	0.0	50.0	22.2	NA	39.1	39.1	0.0	0.0	NA	0.0	0.0
47	ELBERT	ELBERT	1	20	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
48	ELBERT	AGATE	1	8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	EL PASO	CALHAN	1	60	0.0	0.0	0.0	0.0	0.0	45.8	57.1	NA	50.0	50.0	97.1	100.0	0.0	100.0	100.0
50	EL PASO	HARRISON	3	1,417	5.7	6.9	10.9	2.1	6.3	20.2	22.6	29.8	14.1	21.4	8.7	6.6	8.7	6.7	7.6
51	EL PASO	WIDEFIELD	3	1,133	37.5	44.6	36.1	43.3	40.9	20.0	28.1	18.5	26.3	24.0	0.0	0.0	0.0	0.0	0.0
52	EL PASO	FOUNTAIN	2	488	0.0	0.0	0.0	0.0	0.0	55.7	47.0	27.6	62.8	51.3	0.0	0.0	0.0	0.0	0.0
53	EL PASO	COLORADO SPRINGS	9	4,510	13.5	15.6	6.2	17.1	14.6	100.0	100.0	97.2	100.0	100.0	23.6	25.0	24.0	24.4	24.3
54	EL PASO	CHEYENNE MOUNTAI	1	397	34.3	36.3	37.5	35.0	35.2	35.0	28.7	14.3	33.9	31.9	17.1	21.9	8.1	20.6	19.4
55	EL PASO	MANITOU SPRINGS	1	187	20.8	10.0	0.0	16.8	15.5	17.5	18.2	20.0	17.7	17.9	0.0	0.0	0.0	0.0	0.0
56	EL PASO	ACADEMY	3	1,715	37.8	45.6	31.0	42.7	41.6	83.1	83.3	83.8	83.2	83.2	0.0	0.0	0.0	0.0	0.0
57	EL PASO	ELLICOTT	1	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	29.4	12.2	33.3	19.4	20.0
58	EL PASO	PEYTON	1	48	57.1	60.0	100.0	54.5	58.3	8.3	25.0	100.0	9.1	16.7	50.0	18.2	25.0	36.4	35.4
59	EL PASO	HANOVER			NO DATA REPORTED														
60	EL PASO	LEWIS-PALMER	1	426	28.2	29.7	0.0	29.2	28.9	30.4	38.5	0.0	35.4	34.3	47.5	48.8	50.0	48.1	48.1
61	EL PASO	FALCON			NO DATA REPORTED														
62	EL PASO	EDISON			NO DATA REPORTED														
63	EL PASO	MIAMI-YODER	1	15	0.0	0.0	NA	0.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
64	FREMONT	CANON CITY	1	491	21.4	19.6	15.0	21.2	20.7	43.1	33.3	30.3	39.4	38.2	0.0	0.0	0.0	0.0	0.0
65	FREMONT	FLORENCE	2	233	40.4	25.0	26.3	33.7	32.5	41.7	27.9	37.5	33.0	33.6	39.0	36.7	17.1	41.4	37.8
66	FREMONT	COTOPAXI	1	45	0.0	0.0	0.0	0.0	0.0	16.7	42.9	0.0	29.4	26.3	0.0	0.0	0.0	0.0	0.0
67	GARFIELD	ROARING FORK	2	444	13.3	10.9	0.0	13.0	12.1	15.4	22.8	14.3	19.9	19.5	82.5	82.8	83.3	82.6	82.7
68	GARFIELD	RIFLE	2	392	16.3	9.9	5.9	13.6	13.0	14.3	19.8	0.0	18.3	16.9	61.5	56.9	76.7	57.7	59.2

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69	GARFIELD	PARACHUTE	1	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.5	25.9	75.0	18.0	22.2
70	GILPIN	GILPIN	1	48	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	33.3	16.7	NA	25.0	25.0
71	GRAND	WEST GRAND	1	72	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	15.4	12.5	15.6	15.3
72	GRAND	EAST GRAND	1	155	29.2	18.6	0.0	25.0	24.2	22.9	37.9	100.0	28.6	29.7	24.1	20.8	0.0	23.2	22.6
73	GUNNISON	GUNNISON RE1J	2	240	37.9	34.8	22.2	37.4	36.3	16.1	23.3	0.0	20.0	19.8	0.0	0.0	0.0	0.0	0.0
74	HINSDALE	HINSDALE			!DISTRICT HAS ONLY GRADES K-6														
75	HUERFANO	HUERFANO	1	91	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	43.2	48.9	54.0	28.6	46.2
76	HUERFANO	LA VETA	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0
77	JACKSON	NORTH PARK	1	39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78	JEFFERSON	JEFFERSON	21	11,727	19.2	19.3	13.3	20.1	19.2	18.0	19.1	13.1	19.2	18.5	7.9	5.0	4.8	6.7	6.5
79	KIOWA	EADS	1	50	0.0	0.0	0.0	0.0	0.0	50.0	58.3	NA	53.8	53.8	56.0	48.0	0.0	53.1	52.0
80	KIOWA	PLAINVIEW	1	18	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	88.9	100.0	100.0	93.8	94.4
81	KIT CARSON	ARRIBA-FLAGLER	1	49	0.0	0.0	NA	0.0	0.0	11.1	10.0	NA	10.5	10.5	0.0	0.0	NA	0.0	0.0
82	KIT CARSON	HI-PLAINS R-23	1	21	0.0	0.0	NA	0.0	0.0	100.0	100.0	NA	100.0	100.0	0.0	0.0	NA	0.0	0.0
83	KIT CARSON	STRATTON	1	35	0.0	0.0	NA	0.0	0.0	16.7	14.3	NA	15.8	15.8	0.0	0.0	NA	0.0	0.0
84	KIT CARSON	BETHUNE	1	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	100.0	100.0	100.0	100.0	100.0
85	KIT CARSON	BURLINGTON	1	139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86	LAKE	LAKE/LEADVILLE	1	159	29.4	25.5	17.9	31.6	27.1	20.0	38.5	31.8	28.8	29.7	23.2	16.7	14.0	22.0	19.5
87	LA PLATA	DURANGO	2	653	27.3	32.2	6.1	32.2	29.6	32.0	30.6	2.0	36.6	31.4	7.9	3.7	4.9	6.1	6.0
88	LA PLATA	BAYFIELD	1	148	61.0	72.5	85.7	64.9	66.7	100.0	100.0	100.0	98.3	100.0	25.6	25.7	40.0	24.1	25.7
89	LA PLATA	IGNACIO	1	144	0.0	0.0	0.0	0.0	0.0	32.1	40.0	25.9	44.4	36.5	5.3	11.6	2.9	13.5	8.3
90	LARIMER	POUDRE	8	2,913	0.0	0.0	0.0	0.0	0.0	29.9	29.4	12.3	31.7	29.7	1.1	0.5	0.3	0.9	0.8
91	LARIMER	THOMPSON	4	1,881	17.6	19.4	12.4	19.1	18.5	25.3	21.1	84.7	18.1	23.3	0.0	0.0	0.0	0.0	0.0
92	LARIMER	ESTES PARK	1	166	37.5	33.3	25.0	36.5	35.9	21.2	30.6	20.0	25.3	25.0	0.0	0.0	0.0	0.0	0.0
93	LAS ANIMAS	TRINIDAD	1	257	22.4	17.9	12.3	30.8	20.0	15.5	27.0	17.0	31.8	22.0	0.0	0.0	0.0	0.0	0.0
94	LAS ANIMAS	PRIMERO	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95	LAS ANIMAS	HOEHNE	1	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96	LAS ANIMAS	AGUILAR			!NO DATA REPORTED														
97	LAS ANIMAS	BRANSON	1	9	NA	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	100.0	100.0	NA	100.0	100.0
98	LAS ANIMAS	KIM			!NO DATA REPORTED														
99	LINCOLN	GENOA-HUGO	1	38	0.0	0.0	0.0	0.0	0.0	100.0	100.0	NA	100.0	100.0	95.2	94.1	75.0	97.1	94.7
100	LINCOLN	LIMON	1	70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.3	23.1	33.3	26.9	27.1
101	LINCOLN	KARVAL	1	12	0.0	0.0	NA	0.0	0.0	33.3	0.0	0.0	33.3	25.0	0.0	0.0	0.0	0.0	0.0
102	LOGAN	VALLEY/STERLING	1	44	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
103	LOGAN	FRENCHMAN	1	23	0.0	0.0	NA	0.0	0.0	14.3	14.3	NA	14.3	14.3	0.0	0.0	NA	0.0	0.0
104	LOGAN	BUFFALO	1	41	0.0	0.0	0.0	0.0	0.0	100.0	100.0	NA	100.0	100.0	0.0	0.0	0.0	0.0	0.0
105	LOGAN	PLATEAU	1	24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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106	MESA	DEBEQUE	1	13	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
107	MESA	PLATEAU VALLEY			NO DATA REPORTED														
108	MESA	MESA VALLEY	7	2,705	6.3	5.8	7.7	5.9	6.1	15.9	22.0	11.9	19.8	18.8	0.0	0.0	0.0	0.0	0.0
109	MINERAL	CREEDE	1	13	100.0	50.0	NA	80.0	80.0	100.0	100.0	NA	100.0	100.0	28.6	100.0	NA	69.2	69.2
110	MOFFAT	MOFFAT/CRAIG	1	397	0.0	1.0	7.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	40.8	23.9	36.4	32.0	32.2
111	MONTEZUMA	MONTEZUMA-CORTE	1	512	0.0	0.0	0.0	0.0	0.0	58.1	45.6	54.0	52.3	52.7	28.9	19.7	25.6	24.3	24.6
112	MONTEZUMA	DOLORES RE-4A	1	108	0.0	0.0	0.0	0.0	0.0	20.0	34.5	20.0	28.6	27.8	0.0	0.0	0.0	0.0	0.0
113	MONTEZUMA	MANCOS	1	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114	MONTROSE	MONTROSE	3	714	10.5	9.7	3.8	11.1	10.1	1.3	1.7	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
115	MONTROSE	WEST END	1	64	58.8	41.7	NA	51.7	51.7	15.0	26.7	100.0	17.6	20.0	0.0	0.0	0.0	0.0	0.0
116	MORGAN	BRUSH	1	195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117	MORGAN	FORT MORGAN	1	420	0.0	0.0	0.0	0.0	0.0	34.1	49.5	22.6	50.0	42.2	0.0	0.0	0.0	0.0	0.0
118	MORGAN	WELDON VALLEY	1	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119	MORGAN	WIGGINS	1	82	0.0	0.0	0.0	0.0	0.0	52.2	45.0	20.0	57.6	48.8	24.4	29.3	26.7	26.9	26.8
120	OTERO	EAST OTERO	1	308	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121	OTERO	ROCKY FORD	1	205	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122	OTERO	MANZANOLA	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123	OTERO	FOWLER	1	81	0.0	0.0	0.0	0.0	0.0	11.1	27.3	0.0	22.9	20.0	29.3	15.0	33.3	20.3	22.2
124	OTERO	CHERAW	1	29	0.0	20.0	0.0	14.3	11.1	0.0	28.6	0.0	22.2	18.2	66.7	47.1	66.7	52.2	55.2
125	OTERO	SWINK	1	62	15.8	11.8	0.0	16.7	13.9	53.8	69.2	57.1	63.2	61.5	0.0	0.0	0.0	0.0	0.0
126	OURAY	OURAY	1	29	42.9	60.0	NA	52.9	52.9	25.0	75.0	0.0	45.5	41.7	0.0	0.0	0.0	0.0	0.0
127	OURAY	RIDGWAY	1	34	0.0	0.0	0.0	0.0	0.0	28.6	0.0	NA	13.3	13.3	0.0	0.0	0.0	0.0	0.0
128	PARK	PLATTE CANYON	1	195	0.0	0.0	0.0	0.0	0.0	21.1	32.7	25.0	27.7	27.6	0.0	0.0	0.0	0.0	0.0
129	PARK	PARK/FAIRPLAY	1	45	8.3	0.0	0.0	3.7	3.4	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130	PHILLIPS	HOLYOKE	1	97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131	PHILLIPS	HAXTUN	1	37	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132	PITKIN	ASPEN	1	124	6.3	0.0	0.0	1.7	1.6	15.6	26.7	0.0	23.2	21.0	0.0	0.0	0.0	0.0	0.0
133	PROWERS	GRANADA	1	33	0.0	0.0	0.0	0.0	0.0	40.0	16.7	12.5	50.0	31.3	100.0	100.0	100.0	93.3	100.0
134	PROWERS	LAMAR	1	309	62.5	72.0	66.7	66.7	66.7	0.0	0.0	0.0	0.0	0.0	55.5	55.9	58.1	54.6	55.7
135	PROWERS	HOLLY	1	50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136	PROWERS	WILEY	1	54	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	41.7	60.0	33.3	52.9	51.9
137	PUEBLO	PUEBLO CITY	6	2,677	23.9	25.9	22.1	28.0	24.9	22.8	20.7	13.1	31.3	21.7	4.6	3.6	3.8	4.4	4.1
138	PUEBLO	PUEBLO RURAL	5	708	3.8	4.8	1.0	5.6	4.3	31.0	31.8	15.7	36.1	31.4	0.0	0.0	0.0	0.0	0.0
139	RIO BLANCO	MEEKER	1	131	0.0	0.0	0.0	0.0	0.0	0.0	5.6	0.0	1.9	1.8	0.0	0.0	0.0	0.0	0.0
140	RIO BLANCO	RANGELY	1	106	15.4	34.6	0.0	25.4	23.1	33.3	43.5	0.0	43.2	39.0	1.8	8.2	0.0	5.2	4.7
141	RIO GRANDE	DEL NORTE	1	94	0.0	0.0	0.0	0.0	0.0	36.4	16.7	15.4	50.0	27.5	0.0	0.0	0.0	0.0	0.0
142	RIO GRANDE	MONTE VISTA	1	203	20.5	26.8	21.6	26.5	24.0	18.5	32.7	16.3	31.7	25.2	23.5	16.2	16.0	22.9	19.7

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143	RIO GRANDE	SARGENT	1	76	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144	ROUTT	HAYDEN	1	78	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	ROUTT	STEAMBOAT SPRING	1	229	32.4	36.5	0.0	34.7	34.2	20.7	27.5	33.3	23.6	23.9	8.7	3.9	0.0	6.7	6.6
146	ROUTT	SOUTH ROUTT			NO DATA REPORTED														
147	SAGUACHE	MOUNTAIN VALLEY	1	24	72.7	100.0	66.7	77.8	75.0	60.0	28.6	80.0	14.3	41.7	56.3	12.5	25.0	50.0	41.7
148	SAGUACHE	MOFFAT	1	13	0.0	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149	SAGUACHE	CENTER	1	105	52.9	60.0	65.9	26.7	55.9	0.0	0.0	0.0	0.0	0.0	13.3	22.2	11.4	34.6	17.1
150	SAN JUAN	SILVERTON	1	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151	SAN MIGUEL	TELLURIDE	1	57	100.0	100.0	50.0	100.0	100.0	42.9	72.7	0.0	58.3	56.0	20.7	28.6	0.0	25.9	24.6
152	SAN MIGUEL	NORWOOD	1	51	11.8	16.7	NA	13.8	13.8	7.7	0.0	0.0	4.8	4.5	0.0	0.0	0.0	0.0	0.0
153	SEDGWICK	JULESBURG	1	61	55.0	53.8	25.0	58.6	54.5	30.8	20.0	0.0	28.0	25.0	100.0	100.0	100.0	100.0	100.0
154	SEDGWICK	PLATTE VALLEY	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155	SUMMIT	SUMMIT	1	241	16.1	26.6	25.0	21.2	21.4	38.6	33.3	14.3	38.0	36.5	11.4	6.4	6.7	9.3	9.1
156	TELLER	CRIPPLE CREEK	1	56	14.3	14.3	50.0	12.1	14.3	18.8	60.0	NA	28.6	28.6	10.8	52.6	0.0	25.9	25.0
157	TELLER	WOODLAND PARK	1	386	8.5	17.0	11.1	13.1	13.0	33.0	29.5	66.7	30.0	31.2	0.0	0.0	0.0	0.0	0.0
158	WASHINGTON	ACKRON			NO DATA REPORTED														
159	WASHINGTON	ARICKAREE	1	23	0.0	0.0	0.0	0.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
160	WASHINGTON	OTIS	1	34	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
161	WASHINGTON	LONE STAR	1	8	NA	0.0	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162	WASHINGTON	WOODLIN	1	15	100.0	100.0	NA	100.0	100.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
163	WELD	GILCREST	2	265	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.2	39.5	35.4	34.9	35.1
164	WELD	EATON	1	184	89.7	96.4	94.4	93.4	93.6	42.3	55.3	28.6	49.4	47.8	56.0	39.8	24.0	51.6	47.8
165	WELD	KEENESBURG	1	200	20.0	27.3	6.3	26.0	22.6	18.4	5.2	6.7	12.0	11.2	39.4	42.9	51.6	39.1	41.0
166	WELD	WINDSOR	1	248	93.9	100.0	94.1	97.5	97.1	16.9	15.1	6.7	17.5	16.1	100.0	100.0	100.0	100.0	100.0
167	WELD	JOHNSTOWN	1	178	14.3	6.1	2.4	20.0	11.0	40.0	19.6	11.1	41.7	30.2	12.1	15.2	16.7	11.0	13.5
168	WELD	GREELEY	6	1,729	8.8	7.6	6.3	9.1	8.2	18.2	17.8	5.1	25.4	18.0	0.6	0.0	0.0	0.4	0.3
169	WELD	PLATTE VALLEY	1	144	20.0	34.2	16.7	28.4	27.4	18.4	43.5	0.0	35.5	31.0	0.0	0.0	0.0	0.0	0.0
170	WELD	FORT LUPTON	1	317	35.5	25.6	22.7	36.8	30.2	34.4	54.8	33.8	50.6	42.6	0.0	0.0	0.0	0.0	0.0
171	WELD	AULT-HIGHLAND	1	124	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172	WELD	BRIGGSDALE	1	8	100.0	100.0	NA	100.0	100.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
173	WELD	PRAIRIE	1	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	WELD	PAWNEE (GROVER)	1	11	NA	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
175	YUMA	WEST YUMA	2	166	0.0	0.0	0.0	0.0	0.0	6.7	18.8	0.0	14.0	12.9	0.0	0.0	0.0	0.0	0.0
176	YUMA	EAST YUMA	2	147	0.0	0.0	0.0	0.0	0.0	15.2	9.4	0.0	12.7	12.3	12.2	13.7	0.0	13.4	12.9

APPENDIX D

Percent of Students Enrolled by School District For Selected Advanced Math Courses

Grades 9–12, Fall 1991

	County	District	Number of Schools Reporting	Total 9–12 Enroll	Formal Math 3--Algebra 2. Intermediat					Formal Math 4--Trig., Advanced Math					Formal Math 5--Calculus, Math Anal.				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
1	ADAMS	MAPLETON	2	1,253	8.0	12.9	9.8	10.7	10.4	5.7	5.6	5.5	5.8	5.7	3.7	3.1	2.4	4.0	3.4
2	ADAMS	ADAMS 12 5-STAR	10	5,431	12.2	14.0	12.1	13.3	13.1	5.1	4.9	4.9	5.0	5.0	1.7	0.8	1.3	1.3	1.3
3	ADAMS	COMMERCE CITY	2	1,497	6.8	7.4	6.7	7.4	7.1	0.9	1.9	1.6	1.1	1.3	1.5	0.1	0.4	1.3	0.9
4	ADAMS	BRIGHTON	1	1,141	13.5	16.4	6.1	18.8	14.8	0.0	0.0	0.0	0.0	0.0	1.8	0.6	0.6	1.5	1.2
5	ADAMS	BENNETT	1	221	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	ADAMS	STRASBURG	1	128	0.0	0.0	0.0	0.0	0.0	4.7	3.1	0.0	4.0	3.9	0.0	0.0	0.0	0.0	0.0
7	ADAMS	WESTMINSTER	3	3,050	10.4	11.5	10.4	11.3	11.0	4.8	5.4	5.0	5.2	5.1	0.9	1.0	0.8	1.0	1.0
8	ALAMOSA	ALAMOSA	2	685	11.6	11.4	7.6	14.7	11.5	3.8	4.1	1.0	6.3	3.9	0.0	0.0	0.0	0.0	0.0
9	ALAMOSA	SANGRE De CRISTO	1	70	5.9	5.6	5.9	5.7	5.7	8.8	5.6	11.8	5.7	7.1	0.0	0.0	0.0	0.0	0.0
10	ARAPAHOE	ENGLEWOOD	1	918	20.2	16.3	16.6	18.8	18.4	23.7	26.8	16.0	27.2	25.2	2.5	2.6	2.5	2.5	2.5
11	ARAPAHOE	SHERIDAN	1	455	13.8	13.0	16.2	11.7	13.4	5.8	6.1	3.5	7.4	5.9	0.0	0.0	0.0	0.0	0.0
12	ARAPAHOE	CHERRY CREEK	3	5,298	17.0	18.2	14.8	18.2	17.6	9.4	10.2	6.9	10.4	9.8	5.1	3.4	4.5	4.2	4.2
13	ARAPAHOE	LITTLETON	3	4,849	5.2	6.0	3.9	5.8	5.6	19.9	19.9	15.7	20.3	19.9	3.3	3.3	3.1	3.3	3.3
14	ARAPAHOE	DEER TRAIL	1	50	13.3	15.0	0.0	14.3	14.0	20.0	0.0	0.0	12.2	12.0	0.0	0.0	0.0	0.0	0.0
15	ARAPAHOE	AURORA	5	6,801	10.3	10.1	8.4	11.1	10.2	5.8	5.8	3.6	6.9	5.8	1.4	1.7	1.2	1.7	1.5
16	ARAPAHOE	BYERS	1	100	11.3	17.0	100.0	13.1	14.0	1.9	4.3	100.0	2.0	3.0	0.0	0.0	0.0	0.0	0.0
17	ARCHULETA	ARCHULETA	1	285	14.2	23.4	18.7	18.6	18.6	8.1	6.6	8.0	7.1	7.4	6.1	3.6	1.3	6.2	4.9
18	BACA	WALSH	1	90	19.1	2.3	10.5	11.3	11.1	0.0	9.3	5.3	4.2	4.4	0.0	0.0	0.0	0.0	0.0
19	BACA	PRITCHETT	1	22	25.0	50.0	NA	36.4	36.4	16.7	10.0	NA	13.6	13.6	0.0	0.0	NA	0.0	0.0
20	BACA	SPRINGFIELD	1	97	17.8	13.5	22.2	14.8	15.5	8.9	1.9	11.1	4.5	5.2	4.4	1.9	11.1	2.3	3.1
21	BACA	VILAS	1	21	26.7	0.0	11.1	25.0	19.0	13.3	16.7	0.0	25.0	14.3	0.0	33.3	11.1	8.3	9.5
22	BACA	CAMPO	1	18	66.7	50.0	NA	55.6	55.6	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
23	BENT	LAS ANIMAS	1	232	10.2	12.4	9.7	12.2	11.2	8.7	10.5	7.5	10.8	9.5	0.0	0.0	0.0	0.0	0.0
24	BENT	MCCLAVE	1	46	12.0	4.8	7.1	9.4	8.7	8.0	19.0	14.3	12.5	13.0	0.0	0.0	0.0	0.0	0.0
25	BOULDER	ST VRAIN VALLEY	7	3,987	6.1	6.7	4.1	6.8	6.4	9.5	9.7	6.1	10.3	9.6	2.7	2.9	1.9	3.0	2.8
26	BOULDER	BOULDER VALLEY			NO DATA REPORTED														
27	CHAFFEE	BUENA VISTA	1	250	16.0	17.0	16.7	16.4	16.4	11.8	11.3	16.7	11.2	11.6	2.8	1.9	0.0	2.6	2.4
28	CHAFFEE	SALIDA	1	351	13.8	12.3	7.3	13.9	13.1	4.6	5.2	0.0	5.5	4.8	2.0	3.9	0.0	3.2	2.8
29	CHEYENNE	KIT CARSON	1	40	26.9	0.0	0.0	17.9	17.5	11.5	0.0	0.0	7.7	7.5	11.5	0.0	0.0	7.7	7.5
30	CHEYENNE	CHEYENNE R-5	1	92	16.0	26.2	0.0	20.9	20.7	14.0	14.3	0.0	14.3	14.1	2.0	0.0	0.0	1.1	1.1
31	CLEAR CREEK	CLEAR CREEK	1	393	14.4	25.8	10.3	20.9	20.1	8.7	8.6	3.4	9.1	8.7	1.5	1.0	0.0	1.4	1.3

	County	District	Number of Schools Reporting	Total 9-12 Enroll	Formal Math 3--Algebra 2, Intermediat					Formal Math 4--Trig., Advanced Math					Formal Math 5--Calculus, Math Anal.				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
32	CONEJOS	NORTH CONEJOS	2	351	10.1	14.2	7.6	18.2	12.3	5.4	4.9	2.5	8.4	5.1	4.8	3.3	3.0	5.2	4.0
33	CONEJOS	SANFORD	1	84	4.3	13.5	0.0	10.9	8.3	12.8	5.4	5.0	10.9	9.5	0.0	0.0	0.0	0.0	0.0
34	CONEJOS	SOUTH CONEJOS	1	118	14.1	9.3	12.1	0.0	11.9	0.0	0.0	0.0	0.0	0.0	14.1	11.1	12.9	0.0	12.7
35	COSTILLA	CENTENNIAL	1	101	8.3	5.7	7.5	0.0	6.9	4.2	7.5	6.5	0.0	5.9	0.0	0.0	0.0	0.0	0.0
36	COSTILLA	SIERRA GRANDE	1	87	20.5	18.8	19.0	20.7	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	CROWLEY	CROWLEY	1	149	14.1	15.5	16.2	14.3	14.8	1.3	2.8	5.4	0.9	2.0	0.0	0.0	0.0	0.0	0.0
38	CUSTER	CUSTER CONSOL.	1	100	15.7	22.4	33.3	18.6	19.0	7.8	6.1	0.0	7.2	7.0	0.0	0.0	0.0	0.0	0.0
39	DELTA	DELTA	4	1,156	11.1	12.5	10.2	12.0	11.8	4.3	4.9	4.8	4.6	4.6	0.8	0.5	0.0	0.8	0.7
40	DENVER	DENVER	10	13,491	9.5	11.2	7.9	14.9	10.3	5.3	5.4	3.4	9.0	5.3	1.5	1.3	0.8	2.6	1.4
41	DOLORES	DOLORES CTY RE2	1	102	19.2	10.0	50.0	10.0	14.7	13.5	2.0	8.3	7.8	7.8	0.0	0.0	0.0	0.0	0.0
42	DOUGLAS	DOUGLAS	5	3,661	22.1	26.6	21.0	24.5	24.3	7.7	8.6	6.1	8.3	8.1	2.2	2.6	0.9	2.5	2.4
43	EAGLE	EAGLE	2	636	10.8	10.9	6.2	12.7	10.8	7.6	9.5	2.8	10.7	8.5	1.2	3.7	1.1	2.8	2.4
44	ELBERT	ELIZABETH	1	369	15.3	11.2	14.3	13.2	13.3	10.0	6.7	7.1	8.5	8.4	3.7	3.9	0.0	3.9	3.8
45	ELBERT	KIOWA	1	65	22.2	3.4	NA	13.8	13.8	5.6	13.8	NA	9.2	9.2	0.0	0.0	NA	0.0	0.0
46	ELBERT	BIG SANDY	1	86	9.3	14.0	16.7	11.3	11.6	14.0	2.3	0.0	8.8	8.1	0.0	0.0	0.0	0.0	0.0
47	ELBERT	ELBERT	1	40	12.5	25.0	NA	20.0	20.0	25.0	12.5	NA	17.5	17.5	0.0	0.0	NA	0.0	0.0
48	ELBERT	AGATE	1	13	0.0	14.3	0.0	11.1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	EL PASO	CALHAN	1	98	10.2	12.2	0.0	11.3	11.2	12.2	24.5	0.0	18.6	18.4	8.2	6.1	0.0	7.2	7.1
50	EL PASO	HARRISON	3	2,304	6.6	8.0	5.7	8.8	7.3	3.0	4.0	2.9	4.0	3.5	1.5	1.7	1.9	1.4	1.6
51	EL PASO	WIDEFIELD	4	2,026	7.4	9.0	7.7	8.4	8.2	6.3	9.7	7.3	8.3	7.9	1.8	1.8	0.8	2.3	1.8
52	EL PASO	FOUNTAIN	1	764	10.3	10.3	8.9	11.0	10.3	6.4	8.0	8.5	6.6	7.2	4.0	3.6	5.3	3.1	3.8
53	EL PASO	COLORADO SPRINGS	5	5,948	21.9	23.9	17.6	24.3	22.8	10.4	12.3	8.1	12.2	11.3	3.5	2.3	2.4	3.1	3.0
54	EL PASO	CHEYENNE MOUNTAI	2	802	33.6	32.7	9.1	34.9	33.2	13.6	9.6	23.6	11.0	11.8	9.8	10.7	1.8	10.8	10.2
55	EL PASO	MANITOU SPRINGS	1	388	12.7	15.7	14.6	14.1	14.2	10.2	11.0	4.9	11.2	10.6	2.0	4.2	2.4	3.2	3.1
56	EL PASO	ACADEMY	3	3,442	18.4	16.2	11.2	18.0	17.3	13.4	11.1	12.7	12.2	12.3	4.3	3.7	2.0	4.2	4.0
57	EL PASO	ELLICOTT	1	145	16.9	17.7	20.0	17.0	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	EL PASO	PEYTON	1	90	16.3	17.1	0.0	17.6	16.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	EL PASO	HANOVER			NO DATA REPORTED														
60	EL PASO	LEWIS-PALMER	1	724	18.9	19.0	34.3	18.1	18.9	13.1	13.7	8.6	13.6	13.4	2.9	7.0	2.9	4.9	4.8
61	EL PASO	FALCON			NO DATA REPORTED														
62	EL PASO	EDISON			NO DATA REPORTED														
63	EL PASO	MIAMI-YODER	1	51	40.0	3.2	20.0	17.4	17.6	5.0	0.0	0.0	2.2	2.0	0.0	0.0	0.0	0.0	0.0
64	FREMONT	CANON CITY	1	1,003	12.6	11.9	11.7	12.3	12.3	5.6	3.1	2.6	4.5	4.4	2.7	1.8	5.2	2.1	2.3
65	FREMONT	FLORENCE	1	497	15.7	14.8	15.5	15.3	15.3	6.3	8.6	7.0	7.3	7.2	3.1	1.9	4.2	2.3	2.6
66	FREMONT	COTOPAXI	1	88	14.9	4.9	0.0	11.1	10.2	2.1	0.0	0.0	1.2	1.1	0.0	0.0	0.0	0.0	0.0
67	GARFIELD	ROARING FORK	3	963	12.8	13.6	7.6	13.9	13.2	10.4	6.2	5.7	8.6	8.3	1.0	0.2	0.0	0.7	0.6
68	GARFIELD	RIFLE	1	538	6.6	8.6	4.3	7.9	7.6	5.9	4.9	6.5	5.3	5.4	0.0	0.0	0.0	0.0	0.0

	County	District	Number of Schools Reporting	Total 9-12 Enroll	Formal Math 3--Algebra 2, Intermediat					Formal Math 4--Trig., Advanced Math					Formal Math 5--Calculus, Math Anal.				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
69	GARFIELD	PARACHUTE	1	96	11.8	22.2	11.1	17.2	16.7	7.8	6.7	0.0	8.0	7.3	0.0	0.0	0.0	0.0	0.0
70	GILPIN	GILPIN	1	110	12.7	17.0	33.3	14.0	14.5	7.9	2.1	33.3	4.7	5.5	6.3	0.0	0.0	3.7	3.6
71	GRAND	WEST GRAND	1	154	22.1	25.4	0.0	26.3	23.4	7.4	6.8	5.9	7.3	7.1	4.2	0.0	0.0	2.9	2.6
72	GRAND	EAST GRAND	1	303	16.2	13.5	14.3	14.9	14.9	17.6	10.3	0.0	14.5	13.9	0.0	0.0	0.0	0.0	0.0
73	GUNNISON	GUNNISON RE1J	1	369	7.7	13.8	0.0	11.0	10.6	3.6	3.4	0.0	3.7	3.5	0.0	0.0	0.0	0.0	0.0
74	HINSDALE	HINSDALE			DISTRICT HAS ONLY GRADES K-6														
75	HUERFANO	HUERFANO	1	231	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	HUERFANO	LA VETA	1	101	27.1	9.5	33.3	18.0	19.8	10.2	4.8	0.0	9.0	7.9	0.0	0.0	0.0	0.0	0.0
77	JACKSON	NORTH PARK	1	101	0.0	0.0	0.0	0.0	0.0	7.0	9.1	14.3	7.4	7.9	0.0	0.0	0.0	0.0	0.0
78	JEFFERSON	JEFFERSON	21	21,651	10.3	11.7	8.9	11.2	11.0	9.9	10.1	7.7	10.3	10.0	3.2	2.2	2.4	2.8	2.7
79	KIOWA	EADS	1	83	12.5	14.0	0.0	13.6	13.3	7.5	14.0	0.0	11.1	10.8	0.0	0.0	0.0	0.0	0.0
80	KIOWA	PLAINVIEW	1	27	28.6	15.4	100.0	19.2	22.2	7.1	0.0	0.0	3.8	3.7	7.1	0.0	0.0	3.8	3.7
81	KIT CARSON	ARRIBA-FLAGLER	1	70	25.0	26.3	50.0	25.0	25.7	9.4	10.5	0.0	10.3	10.0	3.1	2.6	0.0	2.9	2.9
82	KIT CARSON	HI-PLAINS R-23	1	39	31.8	29.4		30.8	30.8	9.1	23.5	NA	15.4	15.4	0.0	0.0	NA	0.0	0.0
83	KIT CARSON	STRATTON	1	83	15.2	14.0	NA	14.5	14.5	24.2	14.0	NA	18.1	18.1	6.1	4.0	NA	4.8	4.8
84	KIT CARSON	BETHUNE	1	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	KIT CARSON	BURLINGTON	1	229	21.1	14.2	17.1	18.1	17.9	10.6	14.2	4.9	13.8	12.2	0.0	0.0	0.0	0.0	0.0
86	LAKE	LAKE/LEADVILLE	1	291	12.4	19.2	13.8	16.7	15.8	6.2	6.2	3.4	7.4	6.2	7.6	2.7	2.3	6.4	5.2
87	LA PLATA	DURANGO	1	1,123	20.2	17.0	13.3	19.5	18.6	6.9	9.5	2.5	9.1	8.2	1.8	2.7	0.0	2.6	2.2
88	LA PLATA	BAYFIELD	1	199	11.4	8.5	6.7	10.3	10.1	10.5	9.6	20.0	9.2	10.1	0.0	0.0	0.0	0.0	0.0
89	LA PLATA	IGNACIO	2	256	14.6	16.5	12.9	19.0	15.6	12.2	19.5	12.1	20.7	16.0	1.6	1.5	1.4	1.7	1.6
90	LARIMER	POUDRE	11	5,091	16.9	19.4	12.8	18.9	18.1	9.2	8.1	7.7	8.8	8.7	3.5	2.6	3.0	3.0	3.0
91	LARIMER	THOMPSON	4	3,345	14.1	14.9	6.4	15.2	14.5	6.6	6.6	3.2	6.9	6.6	2.3	1.7	1.8	2.0	2.0
92	LARIMER	ESTES PARK	1	352	14.6	17.8	9.1	16.4	16.2	9.6	8.6	18.2	8.8	9.1	3.9	2.3	0.0	3.2	3.1
93	LAS ANIMAS	TRINIDAD	1	494	10.7	13.2	6.8	21.5	11.9	4.4	5.0	4.0	5.8	4.7	2.8	5.8	2.8	7.0	4.3
94	LAS ANIMAS	PRIMERO	1	64	26.5	16.7	17.9	25.0	21.9	8.8	23.3	14.3	16.7	15.6	0.0	0.0	0.0	0.0	0.0
95	LAS ANIMAS	HOEHNE	1	68	12.8	31.0	14.3	23.4	20.6	17.9	24.1	4.8	27.7	20.6	0.0	0.0	0.0	0.0	0.0
96	LAS ANIMAS	AGUILAR			NO DATA REPORTED														
97	LAS ANIMAS	BRANSON	1	12	16.7	33.3	NA	25.0	25.0	0.0	0.0	NA	0.0	0.0	0.0	16.7	NA	8.3	8.3
98	LAS ANIMAS	KIM			NO DATA REPORTED														
99	LINCOLN	GENOA-HUGO	1	65	9.8	0.0	0.0	6.6	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	LINCOLN	LIMON	1	108	16.7	16.7	66.7	15.2	16.7	11.1	7.4	0.0	9.5	9.3	3.7	5.6	0.0	4.8	4.6
101	LINCOLN	KARVAL	1	25	0.0	0.0	0.0	0.0	0.0	12.5	11.1	50.0	8.7	12.0	6.3	11.1	0.0	8.7	8.0
102	LOGAN	VALLEY/STERLING	3	790	14.4	21.8	10.3	19.2	17.8	5.0	2.5	0.9	4.3	3.8	1.4	1.1	0.9	1.3	1.3
103	LOGAN	FRENCHMAN	1	50	17.9	18.2	NA	18.0	18.0	10.7	9.1	NA	10.0	10.0	3.6	4.5	NA	4.0	4.0
104	LOGAN	BUFFALO	1	59	0.0	0.0	0.0	0.0	0.0	21.7	16.7	0.0	19.6	18.6	0.0	0.0	0.0	0.0	0.0
105	LOGAN	PLATEAU	1	34	30.0	14.3	0.0	24.2	23.5	10.0	0.0	0.0	6.1	5.9	0.0	0.0	0.0	0.0	0.0

	County	District	Number of Schools Reporting	Total 9-12 Enroll	Formal Math 3--Algebra 2, Intermediat					Formal Math 4--Trig., Advanced Math					Formal Math 5--Calculus, Math Anal.				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
106	MESA	DEBEQUE	1	31	29.4	28.6	NA	29.0	29.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
107	MESA	PLATEAU VALLEY	2	269	3.0	3.8	0.0	4.8	3.3	0.6	1.0	0.0	1.1	0.7	0.6	1.0	0.0	1.1	0.7
108	MESA	MESA VALLEY	6	4,632	11.6	13.6	8.2	13.2	12.6	6.4	6.2	2.9	6.8	6.3	2.4	1.4	2.0	1.9	1.9
109	MINERAL	CREEDE	1	25	0.0	0.0	NA	0.0	0.0	0.0	18.8	NA	12.0	12.0	0.0	0.0	NA	0.0	0.0
110	MOFFAT	MOFFAT/CRAIG	1	709	10.7	8.9	8.9	9.9	9.9	2.1	4.9	2.2	3.5	3.4	2.1	1.8	0.0	2.1	2.0
111	MONTEZUMA	MONTEZUMA-CORTE	1	811	9.4	12.0	5.2	12.5	10.6	4.9	3.9	1.0	5.7	4.4	1.6	1.0	1.9	1.2	1.4
112	MONTEZUMA	DOLORES RE-4A	1	139	17.9	11.5	4.3	17.2	15.1	1.3	6.6	4.3	3.4	3.6	0.0	0.0	0.0	0.0	0.0
113	MONTEZUMA	MANCOS	1	139	0.0	0.0	0.0	0.0	0.0	6.9	3.0	3.3	5.5	5.0	0.0	0.0	0.0	0.0	0.0
114	MONTROSE	MONTROSE	4	1,280	14.4	14.0	6.5	15.8	14.2	4.8	3.9	1.9	4.9	4.4	2.7	2.1	1.9	2.5	2.4
115	MONTROSE	WEST END	1	100	10.0	10.0	0.0	10.9	10.0	8.0	2.0	0.0	5.4	5.0	2.0	6.0	0.0	4.3	4.0
116	MORGAN	BRUSH	1	367	10.9	17.1	3.7	16.8	13.9	5.7	5.1	0.0	7.0	5.4	2.1	1.1	0.0	2.4	1.6
117	MORGAN	FORT MORGAN	1	675	10.4	6.6	5.4	9.4	8.4	5.8	4.3	1.2	6.3	5.0	4.0	2.0	1.2	3.5	3.0
118	MORGAN	WELDON VALLEY	1	41	8.7	22.2	8.3	17.2	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119	MORGAN	WIGGINS	1	122	4.8	8.3	5.3	6.8	6.6	3.2	6.7	0.0	5.8	4.9	0.0	0.0	0.0	0.0	0.0
120	OTERO	EAST OTERO	1	517	22.8	25.7	23.1	25.2	24.2	4.5	8.0	1.6	10.5	6.2	1.1	0.0	0.0	1.1	0.6
121	OTERO	ROCKY FORD	1	338	20.5	17.9	14.2	29.5	19.2	13.1	16.0	16.8	9.8	14.5	0.0	0.0	0.0	0.0	0.0
122	OTERO	MANZANOLA	1	75	13.9	5.1	11.1	4.8	9.3	5.6	7.7	1.9	19.0	6.7	0.0	0.0	0.0	0.0	0.0
123	OTERO	FOWLER	1	145	7.0	13.5	6.7	10.8	10.3	15.5	17.6	13.3	16.9	16.6	0.0	0.0	0.0	0.0	0.0
124	OTERO	CHERAW	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
125	OTERO	SWINK	1	112	18.8	16.7	33.3	14.3	17.9	10.9	8.3	14.3	8.8	9.8	1.6	2.1	0.0	2.2	1.8
126	OURAY	OURAY	1	70	32.4	27.3	NA	30.0	30.0	8.1	6.1	NA	7.1	7.1	2.7	0.0	NA	1.4	1.4
127	OURAY	RIDGWAY	1	67	7.3	26.9	NA	14.9	14.9	9.8	7.7	NA	9.0	9.0	0.0	0.0	NA	0.0	0.0
128	PARK	PLATTE CANYON	1	334	6.2	9.6	7.1	7.8	7.8	0.0	0.0	0.0	0.0	0.0	1.7	3.2	0.0	2.5	2.4
129	PARK	PARK/FAIRPLAY	1	68	13.2	23.3	NA	17.6	17.6	0.0	0.0	NA	0.0	0.0	5.3	6.7	NA	5.9	5.9
130	PHILLIPS	HOLYOKE	1	161	16.7	13.5	0.0	15.5	14.9	12.5	5.6	0.0	9.0	8.7	0.0	0.0	0.0	0.0	0.0
131	PHILLIPS	HAXTUN	1	94	17.8	22.4	20.0	20.2	20.2	4.4	8.2	0.0	6.7	6.4	4.4	0.0	0.0	2.2	2.1
132	PITKIN	ASPEN	1	309	20.4	23.6	9.5	22.9	22.0	9.9	15.9	4.8	13.5	12.9	3.3	0.6	4.8	1.7	1.9
133	PROWERS	GRANADA	1	62	26.7	3.1	3.2	25.8	14.5	0.0	0.0	0.0	0.0	0.0	20.0	3.1	9.7	12.9	11.3
134	PROWERS	LAMAR	1	515	11.6	11.4	6.6	13.5	11.5	6.2	5.9	2.0	7.7	6.0	2.1	0.7	0.7	1.7	1.4
35	PROWERS	HOLLY	1	91	8.0	7.3	15.0	5.6	7.7	4.0	7.3	5.0	5.6	5.5	2.0	2.4	0.0	2.8	2.2
136	PROWERS	WILEY	1	93	22.0	20.9	22.2	21.4	21.5	10.0	9.3	11.1	9.5	9.7	0.0	0.0	0.0	0.0	0.0
137	PUEBLO	PUEBLO CITY	5	5,183	4.9	6.5	5.1	6.3	5.7	9.4	7.9	5.5	12.0	8.7	1.7	1.6	1.1	2.3	1.7
138	PUEBLO	PUEBLO RURAL	2	1,154	9.6	10.5	6.9	11.2	10.1	5.2	4.0	5.3	4.4	4.6	1.6	2.1	0.7	2.2	1.8
139	RIO BLANCO	MEEKER	1	214	12.9	16.8	30.0	12.3	13.4	0.0	0.0	0.0	0.0	0.0	11.9	5.3	0.0	8.8	8.4
140	RIO BLANCO	RANGELY	1	164	17.4	8.3	30.0	12.3	13.4	4.3	2.8	0.0	3.9	3.7	0.0	0.0	0.0	0.0	0.0
141	RIO GRANDE	DEL NORTE	1	172	17.9	21.3	20.0	19.6	19.8	2.6	7.4	5.0	5.4	5.2	0.0	0.0	0.0	0.0	0.0
142	RIO GRANDE	MONTE VISTA	1	379	2.1	4.8	2.5	4.5	3.4	5.2	6.9	4.5	7.9	6.1	0.0	0.0	0.0	0.0	0.0

	County	District	Number of Schools Reporting	Total 9-12 Enroll	Formal Math 3--Algebra 2, Intermediat					Formal Math 4--Trig., Advanced Math					Formal Math 5--Calculus, Math An				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Tota
143	RIO GRANDE	SARGENT	1	139	18.8	7.1	8.7	13.8	12.9	5.8	8.6	8.7	6.9	7.2	0.0	0.0	0.0	0.0	0.
144	ROUTT	HAYDEN	1	124	4.8	3.2	0.0	4.1	4.0	3.2	0.0	0.0	1.7	1.6	0.0	0.0	0.0	0.0	0.
145	ROUTT	STEAMBOAT SPRING	1	442	8.8	10.3	6.3	9.6	9.5	5.0	7.4	25.0	5.4	6.1	0.0	0.0	0.0	0.0	0.
146	ROUTT	SOUTH ROUTT	1	99	5.2	17.1	0.0	10.3	10.1	6.9	4.9	50.0	5.2	6.1	0.0	0.0	0.0	0.0	0.
147	SAGUACHE	MOUNTAIN VALLEY	1	57	11.1	26.7	23.5	17.5	19.3	11.1	6.7	5.9	10.0	8.8	0.0	0.0	0.0	0.0	0.
148	SAGUACHE	MOFFAT	1	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
149	SAGUACHE	CENTER	1	160	10.6	6.7	7.9	11.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
150	SAN JUAN	SILVERTON	1	29	6.3	23.1	0.0	14.3	13.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
151	SAN MIGUEL	TELLURIDE	1	55	25.0	20.0	50.0	22.6	23.6	10.0	13.3	0.0	11.3	10.9	0.0	0.0	0.0	0.0	0.
152	SAN MIGUEL	NORWOOD	1	83	20.0	16.3	0.0	18.3	18.1	10.0	9.3	0.0	9.8	9.6	2.5	9.3	0.0	6.1	6.
153	SEDGWICK	JULESBURG	1	117	19.6	25.8	26.7	22.5	23.1	7.8	6.1	0.0	7.8	6.8	0.0	0.0	0.0	0.0	0.
154	SEDGWICK	PLATTE VALLEY	1	64	25.0	21.4	14.3	26.0	23.4	19.4	10.7	14.3	16.0	15.6	0.0	0.0	0.0	0.0	0.
155	SUMMIT	SUMMIT	1	417	15.9	19.5	19.4	17.3	17.5	8.8	5.8	13.9	6.8	7.4	3.1	2.1	2.8	2.6	2.
156	TELLER	CRIPPLE CREEK	1	108	17.5	23.5	50.0	19.8	20.4	0.0	7.8	0.0	3.8	3.7	0.0	3.9	0.0	1.9	1.
157	TELLER	WOODLAND PARK	1	636	16.6	13.5	12.2	15.3	15.1	7.8	6.3	2.4	7.4	7.1	1.8	1.3	0.0	1.7	1.
158	WASHINGTON	AKRON	1	129	11.7	24.6	0.0	20.2	18.6	11.7	13.0	10.0	12.6	12.4	1.7	1.4	0.0	1.7	1.
159	WASHINGTON	ARICKAREE	1	39	27.3	23.5	NA	25.6	25.6	0.0	0.0	NA	0.0	0.0	45.5	41.2	NA	43.6	43.
160	WASHINGTON	OTIS	1	51	21.4	26.1	0.0	24.0	23.5	7.1	0.0	0.0	4.0	3.9	3.6	4.3	0.0	4.0	3.
161	WASHINGTON	LONE STAR	1	23	16.7	18.2	16.7	17.6	17.4	16.7	27.3	16.7	23.5	21.7	0.0	0.0	0.0	0.0	0.
162	WASHINGTON	WOODLIN	1	31	30.8	44.4	NA	38.7	38.7	23.1	0.0	NA	9.7	9.7	7.7	0.0	NA	3.2	3.
163	WELD	GILCREST	1	421	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.
164	WELD	EATON	1	319	27.1	22.1	14.7	27.5	24.8	6.5	6.7	0.0	8.4	6.6	5.3	4.7	0.0	6.4	5.
165	WELD	KEENESBURG	1	321	17.1	16.6	4.9	18.6	16.8	3.8	6.7	0.0	6.1	5.3	1.3	0.0	0.0	0.7	0.
166	WELD	WINDSOR	1	492	16.9	20.5	15.3	19.2	18.7	3.7	7.2	1.7	6.0	5.5	1.6	2.4	0.0	2.3	2.
167	WELD	JOHNSTOWN	1	348	9.5	11.7	6.3	13.6	10.6	7.1	7.3	2.1	10.7	7.2	1.8	1.1	0.0	2.4	1.
168	WELD	GREELEY	4	2,755	11.0	12.8	7.9	13.5	11.9	4.7	6.5	2.4	6.8	5.6	1.4	1.2	0.6	1.6	1.
169	WELD	PLATTE VALLEY	1	268	18.6	18.8	9.4	20.9	18.7	8.3	11.6	13.2	8.8	9.7	0.0	0.0	0.0	0.0	0.
170	WELD	FORT LUPTON	1	617	13.8	14.5	10.7	17.0	14.1	8.8	8.4	6.8	10.1	8.6	4.4	5.7	2.1	7.4	5
171	WELD	AULT-HIGHLAND	1	188	4.5	1.0	2.0	2.9	2.7	2.2	1.0	0.0	2.2	1.6	0.0	2.0	0.0	1.4	1.
172	WELD	BRIGGSDALE	1	19	16.7	28.6	0.0	22.2	21.1	0.0	14.3	0.0	5.6	5.3	0.0	0.0	0.0	0.0	0.
173	WELD	PRAIRIE	1	32	20.0	17.6	33.3	17.2	18.8	6.7	17.6	0.0	13.8	12.5	26.7	5.9	0.0	17.2	15.
174	WELD	PAWNEE (GROVER)	1	33	7.7	15.0	NA	12.1	12.1	0.0	10.0	NA	6.1	6.1	0.0	0.0	NA	0.0	0
175	YUMA	WEST YUMA	2	278	9.6	14.4	0.0	13.0	11.9	2.7	3.0	0.0	3.1	2.9	12.3	9.8	0.0	12.2	11
176	YUMA	EAST YUMA	2	275	2.1	3.9	8.3	2.7	2.9	9.6	6.2	16.7	7.6	8.0	6.2	3.9	0.0	5.3	5

APPENDIX E

Percent of Students Enrolled by School District For Selected Advanced Science Courses

Grades 9–12, Fall 1991

	County	District	Number of Schools Reporting	Total 9–12 Enroll	Biology 2nd Year--Advanced, Adv Pla					Chemistry 2nd Year--College, Adv Pla					Earth Science 2nd Year--Adv, Adv Pla				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
1	ADAMS	MAPLETON	2	1,253	9.7	9.4	6.3	11.4	9.6	13.9	14.2	14.0	14.1	14.0	0.0	0.0	0.0	0.0	0.0
2	ADAMS	ADAMS 12 5-STAR	10	5,431	6.4	8.2	8.1	7.0	7.2	3.3	3.6	3.2	3.5	3.4	2.2	1.8	1.7	2.1	2.0
3	ADAMS	COMMERCE CITY	2	1,497	0.9	2.0	0.6	2.1	1.4	0.4	0.1	0.1	0.4	0.3	6.3	4.0	5.6	4.9	5.2
4	ADAMS	BRIGHTON	1	1,141	0.2	1.4	0.0	1.0	0.7	0.3	0.8	0.0	0.8	0.5	0.0	0.0	0.0	0.0	0.0
5	ADAMS	BENNETT	1	221	17.9	16.3	36.4	16.2	17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	ADAMS	STRASBURG	1	128	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	ADAMS	WESTMINSTER	3	3,050	1.8	3.0	1.8	2.8	2.4	0.5	0.5	0.7	0.4	0.5	0.0	0.0	0.0	0.0	0.0
8	ALAMOSA	ALAMOSA	2	685	8.7	18.8	8.9	17.5	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	ALAMOSA	SANGRE De CRISTO	1	70	0.0	2.8	5.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	ARAPAHOE	ENGLEWOOD	1	918	5.9	7.2	5.5	6.8	6.5	15.5	15.6	13.5	16.0	15.6	3.3	3.5	3.7	3.3	3.4
11	ARAPAHOE	SHERIDAN	1	455	6.7	6.5	4.6	7.8	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	ARAPAHOE	CHERRY CREEK	3	5,298	11.9	13.8	11.6	13.1	12.8	7.7	7.4	6.5	7.7	7.5	0.0	0.0	0.0	0.0	0.0
13	ARAPAHOE	LITTLETON	3	4,849	6.3	10.5	6.5	8.5	8.4	2.2	0.9	4.1	1.3	1.6	0.0	0.0	0.0	0.0	0.0
14	ARAPAHOE	DEER TRAIL	1	50	16.7	20.0	0.0	18.4	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	ARAPAHOE	AURORA	5	6,801	1.2	1.4	0.8	1.6	1.3	0.2	0.3	0.2	0.3	0.3	0.3	0.4	0.0	0.5	0.3
16	ARAPAHOE	BYERS	1	100	5.7	8.5	100.0	6.1	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	ARCHULETA	ARCHULETA	1	285	6.8	10.2	4.0	10.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	BACA	WALSH	1	90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	BACA	PRITCHETT	1	22	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
20	BACA	SPRINGFIELD	1	97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	BACA	VILAS	1	21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	BACA	CAMPO	1	18	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
23	BENT	LAS ANIMAS	1	232	18.1	22.9	15.1	23.7	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	BENT	MCCLAVE	1	46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	BOULDER	ST VRAIN VALLEY	7	3,987	5.5	4.6	1.6	5.7	5.0	5.5	6.7	4.8	6.4	6.1	0.2	0.5	0.3	0.4	0.4
26	BOULDER	BOULDER VALLEY			NO DATA REPORTED														
27	CHAFFEE	BUENA VISTA	1	250	13.2	17.9	33.3	13.8	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	CHAFFEE	SALIDA	1	351	5.6	4.5	0.0	5.8	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
29	CHEYENNE	KIT CARSON	1	40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	CHEYENNE	CHEYENNE R-5	1	92	12.0	9.5	0.0	11.0	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
31	CLEAR CREEK	CLEAR CREEK	1	393	7.2	8.6	0.0	8.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
31	CLEAR CREEK	CLEAR CREEK	1	393	7.2	8.6	0.0	8.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	CONEJOS	NORTH CONEJOS	2	351	1.8	8.2	4.1	6.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33	CONEJOS	SANFORD	1	84	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	CONEJOS	SOUTH CONEJOS	1	118	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	COSTILLA	CENTENNIAL	1	101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36	COSTILLA	SIERRA GRANDE	1	87	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37	CROWLEY	CROWLEY	1	149	14.1	11.3	8.1	14.3	12.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38	CUSTER	CUSTER CONSOL.	1	100	5.9	0.0	0.0	3.1	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39	DELTA	DELTA	4	1,156	7.0	8.5	8.2	7.6	7.7	2.7	2.2	1.4	2.6	2.4	0.0	0.0	0.0	0.0	0.0
40	DENVER	DENVER	10	13,491	3.9	5.2	4.6	4.3	4.5	2.8	3.0	1.5	5.5	2.9	1.8	1.5	1.5	2.0	1.7
41	DOLORES	DOLORES CTY RE2	1	102	1.9	6.0	8.3	3.3	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42	DOUGLAS	DOUGLAS	5	3,661	3.1	2.7	3.3	2.9	2.9	0.7	0.5	0.5	0.6	0.6	0.7	0.8	1.4	0.7	0.8
43	EAGLE	EAGLE	2	636	1.8	3.7	1.1	3.3	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44	ELBERT	ELIZABETH	1	369	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	ELBERT	KIOWA	1	65	8.3	0.0	NA	4.6	4.6	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
46	ELBERT	BIG SANDY	1	86	11.6	18.6	16.7	15.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47	ELBERT	ELBERT	1	40	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
48	ELBERT	AGATE	1	13	0.0	28.6	0.0	22.2	15.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49	EL PASO	CALHAN	1	98	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	2.1	2.0	0.0	0.0	0.0	0.0	0.0
50	EL PASO	HARRISON	3	2,304	4.1	4.4	4.2	4.3	4.3	0.9	1.7	0.9	1.6	1.3	0.0	0.0	0.0	0.0	0.0
51	EL PASO	WIDEFIELD	4	2,026	5.0	12.2	6.2	9.6	8.5	4.0	3.8	1.7	4.9	3.9	8.6	7.2	6.2	8.7	7.9
52	EL PASO	FOUNTAIN	1	764	12.5	20.9	15.4	17.4	16.8	7.4	3.9	4.9	6.0	5.6	0.0	0.0	0.0	0.0	0.0
53	EL PASO	COLORADO SPRINGS	5	5,948	3.6	4.5	5.6	3.6	4.0	3.0	1.6	1.9	2.4	2.3	0.0	0.0	0.0	0.0	0.0
54	EL PASO	CHEYENNE MOUNTAI	2	802	6.0	9.0	7.3	7.4	7.4	4.7	0.6	1.8	2.9	2.9	0.0	0.0	0.0	0.0	0.0
55	EL PASO	MANITOU SPRINGS	1	388	5.1	11.0	7.3	8.1	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
56	EL PASO	ACADEMY	3	3,442	6.1	8.2	7.8	7.0	7.1	3.9	2.2	2.3	3.1	3.1	5.8	5.5	3.5	5.9	5.7
57	EL PASO	ELLICOTT	1	145	0.0	6.5	0.0	3.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58	EL PASO	PEYTON	1	90	14.3	9.8	0.0	12.9	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59	EL PASO	HANOVER			NO DATA REPORTED														
60	EL PASO	LEWIS-PALMER	1	724	0.0	0.0	0.0	0.0	0.0	14.4	15.2	17.1	14.7	14.8	0.0	0.0	0.0	0.0	0.0
61	EL PASO	FALCON			NO DATA REPORTED														
62	EL PASO	EDISON			NO DATA REPORTED														
63	EL PASO	MIAMI-YODER	1	51	20.0	32.3	40.0	26.1	27.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64	FREMONT	CANON CITY	1	1,003	2.1	4.9	2.6	3.6	3.5	2.1	1.2	0.0	1.8	1.7	0.0	0.0	0.0	0.0	0.0
65	FREMONT	FLORENCE	1	497	7.0	14.3	16.9	8.9	10.1	5.2	7.6	5.6	6.3	6.2	0.0	0.0	0.0	0.0	0.0
66	FREMONT	COTOPAXI	1	88	17.0	12.2	14.3	14.8	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67	GARFIELD	ROARING FORK	3	963	7.1	11.0	3.8	9.7	9.0	3.9	3.6	1.9	4.0	3.7	0.0	0.0	0.0	0.0	0.0

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68	GARFIELD	RIFLE	1	538	3.3	4.5	6.5	3.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69	GARFIELD	PARACHUTE	1	96	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	GILPIN	GILPIN	1	110	6.3	8.5	33.3	6.5	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71	GRAND	WEST GRAND	1	154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72	GRAND	EAST GRAND	1	303	8.8	18.1	14.3	13.5	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73	GUNNISON	GUNNISON RE1J	1	369	7.2	3.4	0.0	5.7	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74	HINSDALE	HINSDALE			DISTRICT HAS ONLY GRADES K-6														
75	HUERFANO	HUERFANO	1	231	6.1	3.4	4.7	4.8	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76	HUERFANO	LA VETA	1	101	6.8	2.4	0.0	5.6	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77	JACKSON	NORTH PARK	1	101	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78	JEFFERSON	JEFFERSON	21	21,651	1.3	2.0	1.6	1.7	1.7	1.0	0.8	0.5	1.0	0.9	0.3	0.2	0.1	0.3	0.2
79	KIOWA	EADS	1	83	7.5	4.7	0.0	6.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	KIOWA	PLAINVIEW	1	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81	KIT CARSON	ARRIBA-FLAGLER	1	70	0.0	13.2	0.0	7.4	7.1	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	2.9	2.9
82	KIT CARSON	HI-PLAINS R-23	1	39	22.7	35.3	NA	28.2	28.2	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
83	KIT CARSON	STRATTON	1	83	27.3	20.0	NA	0.0	22.9	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
84	KIT CARSON	BETHUNE	1	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	KIT CARSON	BURLINGTON	1	229	7.3	8.5	7.3	8.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86	LAKE	LAKE/LEADVILLE	1	291	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87	LA PLATA	DURANGO	1	1,123	2.3	4.8	1.3	3.9	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88	LA PLATA	BAYFIELD	1	199	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
89	LA PLATA	IGNACIO	2	256	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	LARIMER	POUDRE	11	5,091	5.3	8.5	4.0	7.3	6.9	2.4	1.9	1.9	2.1	2.1	0.2	0.1	0.2	0.2	0.2
91	LARIMER	THOMPSON	4	3,345	6.9	9.8	5.0	8.6	8.3	2.6	2.2	0.4	2.6	2.4	0.8	0.2	0.0	0.5	0.5
92	LARIMER	ESTES PARK	1	352	6.2	5.7	9.1	5.9	6.0	7.3	4.6	0.0	6.2	6.0	0.0	0.0	0.0	0.0	0.0
93	LAS ANIMAS	TRINIDAD	1	494	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	5.4	6.2	2.3	4.9
94	LAS ANIMAS	PRIMERO	1	64	29.4	6.7	14.3	22.2	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95	LAS ANIMAS	HOEHNE	1	68	2.6	10.3	0.0	8.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96	LAS ANIMAS	AGUILAR			NO DATA REPORTED														
97	LAS ANIMAS	BRANSON	1	12	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
98	LAS ANIMAS	KIM			NO DATA REPORTED														
99	LINCOLN	GENOA-HUGO	1	65	12.2	8.3	25.0	9.8	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100	LINCOLN	LIMON	1	108	7.4	11.1	33.3	8.6	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
101	LINCOLN	KARVAL	1	25	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	4.3	4.0	0.0	0.0	0.0	0.0	0.0
102	LOGAN	VALLEY/STERLING	3	790	4.3	4.9	5.1	4.5	4.6	1.9	0.3	0.0	1.3	1.1	0.0	0.0	0.0	0.0	0.0
103	LOGAN	FRENCHMAN	1	50	10.7	18.2	NA	14.0	14.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
104	LOGAN	BUFFALO	1	59	17.4	13.9	33.3	14.3	15.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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105	LOGAN	PLATEAU	1	34	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106	MESA	DEBEQUE	1	31	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
107	MESA	PLATEAU VALLEY	2	269	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108	MESA	MESA VALLEY	6	4,632	4.9	5.4	2.2	5.5	5.1	0.5	0.6	0.5	0.6	0.6	4.2	3.4	3.4	3.9	3.8
109	MINERAL	CREEDE	1	25	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
110	MOFFAT	MOFFAT/CRAIG	1	709	2.6	8.3	4.4	5.3	5.2	0.0	0.0	0.0	0.0	0.0	1.3	4.3	4.4	2.6	2.7
111	MONTEZUMA	MONTEZUMA-CORTE	1	811	1.2	1.8	1.4	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
112	MONTEZUMA	DOLORES RE-4A	1	139	15.4	16.4	17.4	15.5	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113	MONTEZUMA	MANCOS	1	139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114	MONTROSE	MONTROSE	4	1,280	0.0	1.1	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115	MONTROSE	WEST END	1	100	14.0	22.0	0.0	19.6	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116	MORGAN	BRUSH	1	367	0.0	0.0	0.0	0.0	0.0	3.1	3.4	0.0	4.2	3.3	0.0	0.0	0.0	0.0	0.0
117	MORGAN	FORT MORGAN	1	675	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118	MORGAN	WELDON VALLEY	1	41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
119	MORGAN	WIGGINS	1	122	30.6	20.0	31.6	24.3	25.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120	OTERO	EAST OTERO	1	517	4.5	7.6	4.4	7.5	6.0	0.7	2.4	0.8	2.3	1.5	6.3	7.6	4.0	9.8	7.0
121	OTERO	ROCKY FORD	1	338	27.3	26.5	22.6	35.7	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
122	OTERO	MANZANOLA	1	75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123	OTERO	FOWLER	1	145	5.6	10.8	13.3	7.7	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
124	OTERO	CHERAW	1	0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
125	OTERO	SWINK	1	112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126	OURAY	OURAY	1	70	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
127	OURAY	RIDGWAY	1	67	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
128	PARK	PLATTE CANYON	1	334	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129	PARK	PARK/FAIRPLAY	1	68	15.8	16.7	NA	16.2	16.2	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
130	PHILLIPS	HOLYOKE	1	161	8.3	3.4	16.7	5.2	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
131	PHILLIPS	HAXTUN	1	94	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132	PITKIN	ASPEN	1	309	0.0	0.0	0.0	0.0	0.0	8.6	10.2	0.0	10.1	9.4	0.0	0.0	0.0	0.0	0.0
133	PROWERS	GRANADA	1	62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
134	PROWERS	LAMAR	1	515	4.1	1.1	1.3	3.0	2.5	0.0	0.0	0.0	0.0	0.0	7.0	5.1	11.2	3.9	6.0
135	PROWERS	HOLLY	1	91	6.0	17.1	5.0	12.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136	PROWERS	WILEY	1	93	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
137	PUEBLO	PUEBLO CITY	5	5,183	3.0	5.2	2.9	5.2	4.1	1.0	0.6	0.4	1.3	0.8	0.7	1.3	0.9	1.1	1.0
138	PUEBLO	PUEBLO RURAL	2	1,154	10.1	13.6	11.8	11.9	11.9	0.5	0.3	0.7	0.4	0.4	0.0	0.0	0.0	0.0	0.0
139	RIO BLANCO	MEEKER	1	214	8.9	6.2	20.0	6.9	7.5	8.9	7.1	0.0	8.3	7.9	0.0	0.0	0.0	0.0	0.0
140	RIO BLANCO	RANGELY	1	164	12.0	19.4	0.0	16.2	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141	RIO GRANDE	DEL NORTE	1	172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

	County	District	Number of Schools Reporting	Total 9-12 Enroll	Biology 2nd Year--Advanced, Adv Pla					Chemistry 2nd Year--College, Adv Pla					Earth Science 2nd Year--Adv, Adv Pla				
					M	F	Minor	White	Total	M	F	Minor	White	Total	M	F	Minor	White	Total
142	RIO GRANDE	MONTE VISTA	1	379	6.8	4.8	4.5	7.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143	RIO GRANDE	SARGENT	1	139	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144	ROUTT	HAYDEN	1	124	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	ROUTT	STEAMBOAT SPRING	1	442	13.4	17.2	6.3	15.5	15.2	1.3	2.0	6.3	1.4	1.6	0.0	0.0	0.0	0.0	0.0
146	ROUTT	SOUTH ROUTT	1	99	15.5	24.4	50.0	18.6	19.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147	SAGUACHE	MOUNTAIN VALLEY	1	57	3.7	20.0	5.9	15.0	12.3	11.1	6.7	5.9	10.0	8.8	0.0	0.0	0.0	0.0	0.0
148	SAGUACHE	MOFFAT	1	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149	SAGUACHE	CENTER	1	160	16.5	10.7	14.3	11.8	13.8	2.4	4.0	3.2	2.9	3.1	0.0	0.0	0.0	0.0	0.0
150	SAN JUAN	SILVERTON	1	29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.5	53.8	100.0	42.9	44.8
151	SAN MIGUEL	TELLURIDE	1	55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152	SAN MIGUEL	NORWOOD	1	83	20.0	0.0	400.0	4.9	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153	SEDGWICK	JULESBURG	1	117	2.0	6.1	0.0	4.9	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
154	SEDGWICK	PLATTE VALLEY	1	64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155	SUMMIT	SUMMIT	1	417	3.1	1.1	2.8	2.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156	TELLER	CRIPPLE CREEK	1	108	3.5	7.8	0.0	5.7	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157	TELLER	WOODLAND PARK	1	636	10.2	14.1	14.6	11.9	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158	WASHINGTON	AKRON	1	129	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159	WASHINGTON	ARICKAREE	1	39	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
160	WASHINGTON	OTIS	1	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161	WASHINGTON	LONE STAR	1	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162	WASHINGTON	WOODLIN	1	31	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
163	WELD	GILCREST	1	421	5.7	4.7	9.0	3.3	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164	WELD	EATON	1	319	13.5	20.8	7.4	19.5	16.9	9.4	12.8	1.5	13.5	11.0	0.0	0.0	0.0	0.0	0.0
165	WELD	KEENESBURG	1	321	1.3	4.9	2.4	3.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
166	WELD	WINDSOR	1	492	9.9	9.2	3.4	10.4	9.6	4.5	2.0	1.7	3.5	3.3	0.0	0.0	0.0	0.0	0.0
167	WELD	JOHNSTOWN	1	348	8.3	5.0	2.8	9.2	6.6	5.3	4.5	0.7	7.8	4.9	0.0	0.0	0.0	0.0	0.0
168	WELD	GREELEY	4	2,755	6.3	8.8	5.5	8.3	7.5	0.7	0.6	0.5	0.7	0.7	1.9	1.4	0.6	2.1	1.7
169	WELD	PLATTE VALLEY	1	268	0.6	7.1	3.8	3.3	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	WELD	FORT LUPTON	1	617	2.5	5.4	3.6	4.2	3.9	0.9	1.3	0.7	1.5	1.1	10.0	4.0	6.4	7.7	7.1
171	WELD	AULT-HIGHLAND	1	188	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.7	0.5	0.0	0.0	0.0	0.0	0.0
172	WELD	BRIGGSDALE	1	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173	WELD	PRAIRIE	1	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	WELD	PAWNEE (GROVER)	1	33	7.7	20.0	NA	15.2	15.2	0.0	0.0	NA	0.0	0.0	0.0	0.0	NA	0.0	0.0
175	YUMA	WEST YUMA	2	278	11.0	13.6	0.0	13.4	12.2	4.8	3.8	0.0	4.7	4.3	0.0	0.0	0.0	0.0	0.0
176	YUMA	EAST YUMA	2	275	9.6	11.6	0.0	11.0	10.5	1.4	0.0	0.0	0.8	0.7	0.0	0.0	0.0	0.0	0.0