



**Advanced  
Placement  
And  
International  
Baccalaureate  
Programs**

**May 2007**

**FY 2006  
Report  
To the  
Legislature**

**As required by  
Minn. Stat. §  
120B.13**

**COMMISSIONER:**  
**Alice Seagren**

**FY 2006  
Report  
To the  
Legislature**

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**LEGISLATIVE REPORT ON  
ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS**

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**2006**  
**LEGISLATIVE REPORT ON**  
**ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS**  
**AS REQUIRED IN Minn. Stat. § 120B.13**

**I. ESTIMATED COST OF PREPARING THIS REPORT**

This report required the collection of information that the Minnesota Department of Education does not collect as part of its normal business functions. It was therefore necessary to gather and analyze information in order to prepare this report. The cost of preparing this report includes estimates of the department's information collection costs as well as the estimated costs of the providers of the information.

Special funding was not appropriated to cover the costs of preparing this report.

The following is an estimate of the cost incurred by the Minnesota Department of Education: \$2,911.

## II. EXECUTIVE SUMMARY OF MINNESOTA PROGRAM

The intent of the Advanced Placement (AP) and International Baccalaureate (IB) Program legislation is to provide financial incentives for schools to initiate or expand their AP and IB offerings and to promote rigorous courses of study as part of regular offerings for students in secondary schools. These incentives increase the ability of some schools to offer an AP or IB program by providing funding for:

- Training and support for teachers of AP and IB courses; and,
- Subsidies for end-of-course student examination fees for AP and IB.

The AP and IB Programs are expanding to meet the intent of the legislation to make available rigorous, challenging courses of study in all parts of the state and a variety of course offerings within schools or districts. In FY 2006, 278 AP schools offered 1,123 courses and 12 IB schools offered 200 courses.

Critical to a successful AP or IB Program is ongoing teacher training. The department works closely with Augsburg and Carleton Summer Programs to facilitate in-depth training for AP teachers. In the summer of FY 2006, Carleton trained 215 teachers and Augsburg trained 244 teachers. Forty-eight AP teachers went out of state. Since most IB teacher training is offered out of state, the department worked with the IB schools to arrange for out-of-state training for 108 teachers. Teachers received scholarships up to \$625 for in-state and up to \$1,200 for out-of-state training. Minnesota provides follow-up support during the year through one-day workshops or networking meetings—352 teachers attended follow-up training. Registration or substitute costs were reimbursed for the one-day, follow-up workshops.

Exam fee subsidies assist public and non-public students in paying the costs for exam fees for AP or IB courses. All exam fees are paid for low-income students. For the remaining students, there is a fee schedule for state reimbursement of a portion of the exam fee. The College Board set a fee of \$82 per exam and waived \$8 for schools to use for testing costs. Therefore, the cost to schools is \$74 and the state reimbursed the school \$60 for each exam. Thus, the cost of the exam for students was \$14 or \$22, depending on whether the school collected the difference to make \$74 or \$82. The cost for the first IB exam was \$195 and \$58 each for two or more exams, which was the amount the state reimbursed for all low-income students. The state paid a portion of that amount - \$160 and \$53, respectively – for other students. A total of 22,469 AP students took 35,821 exams and 1,478 IB students took 3,071 exams.

The budget for FY 2006 was \$4,500,000. Actual expenditures for training were \$580,595; exam fees \$2,461,633; and support programs \$58,170; bringing the total expenditures for FY 2006 to \$3,100,398.

## III. LEGISLATIVE OVERVIEW

“The advanced placement and international baccalaureate programs are well-established academic programs for mature, academically directed high school students. These programs, in addition to providing academic rigor, offer sound curricular design, accountability, comprehensive external assessment, feedback to students and teachers, and the opportunity for high school students to compete academically on a global level. Advanced Placement and International Baccalaureate programs allow students to leave high school with the academic skills and self-confidence to succeed in college and beyond. The advanced placement and international baccalaureate programs help provide Minnesota students with world-class educational opportunity.” (Appendix A, *Minn. Stat. § 120B.13*)

## Summary of State Funding

State funding for the AP and IB programs was initiated in 1992, with the first recipients receiving financial support in FY 1993. Initial funding supported subsidies for exam fees for low-income public school students, teacher training and support. This was expanded to include exam fees for all students in FY 1994. In FY 1998 and FY 1999, funding was added for student scholarships and teacher stipends for public and non-public schools. Teachers in non-public schools also received training scholarships for the first time in FY 1998. The student scholarships and teacher stipends were repealed in FY 2000.

The appropriation for FY 2002-2003 was increased to \$2,000,000, with the Advanced Placement Program receiving 75 percent of the funding and the International Baccalaureate Program receiving 25 percent. The department, in consultation with AP and IB advisory boards, determines the amounts of the expenditures each year for examination fees, and training and support programs for each program. In May 2002, program funding was reduced from \$2,000,000 to \$1,000,000 for FY 2003. In February 2003, teacher training money was cut by an additional \$550,000. The following numbers represent biennial funding and combined participation totals for the Minnesota AP and IB Programs:

	<b>Biennium Funding</b>	<b>Students (AP &amp; IB)</b>	<b>Exams Taken</b>	<b>Teacher Training</b>	<b>Teacher Support</b>
1992					
1993	\$300,000	4,938	6,638	162	
1994	\$750,000	5,394	7,304	176	
1995	\$750,000	7,846	10,459	242	532
1996	\$875,000	9,158	12,495	221	566
1997	\$875,000	10,184	14,324	228	625
1998	\$1,875,000	11,916	18,062	284	675
1999	\$1,875,000	12,916	19,883	371	641
2000	\$1,875,000	13,995	21,860	334	621
2001	\$1,875,000	15,882	25,230	448	633
2002	\$2,000,000	17,162	27,163	383	569
2003	<del>\$1,000,000</del> \$450,000	17,869	28,036	336	688
2004	\$778,000	18,699	29,831	447	533
2005	\$778,000	20,143	32,255	387	459
2006	\$4,500,000	23,947	38,892	615	352
2007	\$4,500,000				

## Funding Benefits

- Students in AP and IB programs have been given an opportunity to earn college credit and/or advanced standing, thus saving both time and money. With sufficient credits, they may enter college with as much as sophomore standing.
- Schools have benefited from AP or IB programs because they reignite teachers and departments, thus raising the bar for all students in their school.
- Most of Minnesota's public and private colleges and universities provide credit policies for Advanced Placement and International Baccalaureate exams taken by students.

## **IV. DESCRIPTION OF NATIONAL PROGRAMS**

### **A. Advanced Placement Program Summary and Data**

The Advanced Placement Program is a cooperative educational endeavor between secondary schools and colleges and universities. Since its inception in 1955, the College Board Program has provided motivated high school students with the opportunity to take college-level courses in a high school setting. The program consists of 37 college-level courses and exams in 22 subject areas. The College Board then supports secondary schools through teacher training and the development of a curriculum of high academic intensity and quality that will enable students to meet the standards for college-level learning in these subjects. As a result, most colleges and universities in the United States, as well as institutions in 30 other countries, use AP exam results in the admissions process as a designation of a student's ability to succeed in rigorous curricula. They also award college credit or placement into higher-level college courses so that college entrants can move directly into the courses that match their level of academic preparation.

Since the mission of the AP Program overall is to prepare students for academic success in college and beyond, high school faculties find that AP courses greatly enhance students' confidence and academic interest; college faculties find that these students are considerably better prepared for serious academic work; and students say they enjoy the challenge of the program. Key reasons students participate in AP:

- 83 percent of the students reported that they took AP courses to improve their chances of getting into the college they wanted;
- More than two-thirds reported that they took AP courses in order to get into advanced classes earlier;
- More than half took AP courses in order to make time to take more electives in college; and,
- Fewer than one-third indicated that they hoped to use credit from AP exams to graduate earlier.

Advanced Placement is open to any secondary school that is willing to organize one or more courses, foster teacher development and administer the AP Exams. More than 16,000 schools worldwide participate in the AP Program, including 62 percent of U.S. high schools. Student participation in the program has grown steadily since AP's inception in 1955. In 1956, approximately 104 schools with 1,229 candidates took 2,199 examinations. In 2006, 1,329,282 students worldwide sat for 2,312,611 AP exams. One in three high school graduates take an AP course in high school.

All AP exams (except Studio Art, which is a portfolio assessment) consist of dozens of multiple-choice questions, scored by machine, and free-response questions (essays, translations, problems), which are scored at the annual AP Reading by more than 8,000 college faculty and expert AP teachers, using scoring standards developed by college and university faculty.

This year, the AP Program will implement an audit of all 2007-08 academic year AP courses. All schools wishing to label a course "AP" must first receive authorization by completing the AP audit process, which involves submitting a copy of the course syllabus for review by college faculty. The AP course audit will provide clear guidelines on curricular and resource requirements that must be in place, and help colleges better interpret courses marked "AP" on students' transcripts. For further information about the program, visit the AP home page at <http://apcentral.collegeboard.com/>



## B. International Baccalaureate Program Summary and Data

The International Baccalaureate Organization (IBO) is a non-profit, Swiss educational foundation established in 1968. The Diploma Programme (DP)—for which it is best known—was developed by a group of schools seeking to establish a common curriculum and university entry credentials for geographically mobile students. The IBO offers three programmes of international education that span the primary, middle and secondary school years. The Primary Years Programme (PYP) is designed for students aged 3-12, the Middle Years Programme (MYP) for students aged 11-16, and the Diploma Programme (DP) for students aged 16-18. The DP, MYP and PYP schools go through an extensive application process to become authorized IB World Schools.

The three programmes share a common philosophy and common characteristics. They develop the whole student, helping students to grow intellectually, socially, aesthetically and culturally. They provide a broad and balanced education that includes science and the humanities, languages and mathematics, technology and the arts. The programmes teach students to think critically, encourage them to draw connections between areas of knowledge, and use problem-solving techniques and concepts from many disciplines. They instill in students a sense of responsibility towards others and towards the environment. The programmes give students an awareness and understanding of their own culture and of other cultures, values and ways of life.

The Diploma Programme (DP) is a comprehensive two-year international curriculum available in English, French and Spanish. The DP offers 157 exams in 51 disciplines that generally allow students to fulfill the requirements of their national or state education systems. Students who participate in the full Diploma Programme are required to study and examine in six different academic subjects. At least three of the six subjects are taken at the higher level (2 years – 240 hours), the others at standard level (1 year – 150 hours). Students who are not diploma candidates can choose to take individual IB courses and subsequent exams to earn IB certificates.

The format of exams includes essay, multiple choice, short answer and oral. In some subject areas, students also prepare a portfolio for assessment. Each subject has at least two exam periods for different types of exams for a total of 4 hours of examination. Each examined subject is graded on a scale of 1 to 7 (maximum). The award of the diploma requires a minimum total of 24 points and satisfactory completion of the following three additional requirements:

- The *Extended Essay* is approximately 4,000 words. It provides the first experience in writing an independent, original research paper in one of the six subject areas;
- A critical thinking course known as *Theory of Knowledge* explores the relationships among the various disciplines and ensures that students engage in critical reflection and analysis of the knowledge acquired within and beyond the classroom; and,
- A minimum of 150 hours participation in Creativity, Action and Service (CAS), which are extracurricular community-action service, artistic and physical activities.

There are 1,889 IB schools in 124 countries worldwide. In May 2006, 71,130 students took 234,649 exams. There are 522 authorized Diploma schools in the U.S. (grades 11-12) and in 2006, 40,646 students took 107,348 exams. Minnesota has 12 authorized IB Diploma schools, with 1,478 students taking 3,071 exams. Over 99 percent of IB students are accepted in at least one college or university. For further information about the program, visit the IB home page at <http://www.ibo.org>

## **V. PROGRAM IMPLEMENTATION**

The *Advanced Placement and International Baccalaureate Program* (Minn. Stat. § 120B.13) became a part of the Education Omnibus bill in May 1992. In FY 2006-2007 appropriations, the program was funded at \$4,500,000, with \$500,000 earmarked for teacher training. In addition, the bill indicates that, “The advanced placement program shall receive 75 percent of the appropriation each year and the international baccalaureate program shall receive 25 percent of the appropriation each year.” The following is a detailed description of program implementation components:

### **A. Teacher Training**

Critical to schools’ success is ongoing teacher training approved by the parent offices of the College Board and International Baccalaureate of North America. This component provides for preparation of teachers who offer AP and IB courses to secondary students interested in challenging, in-depth learning opportunities. Teacher training, including content, instruction and assessment strategies, assists teachers in working with the challenging curriculum. The state may pay a portion of the tuition, room, board and out-of-state travel costs a teacher or other interested educator incurs in participating in a training program.

MDE Staff Responsibilities:

- Provide training opportunities to assist districts in offering AP/IB courses and programs;
- Prepare scholarship application forms for teachers to attend in-state and out-of-state training;
- Work with Augsburg and Carleton Colleges to identify courses for preparing teachers to teach AP or Pre-AP courses;
- Work with Augsburg and Carleton Colleges to prepare and disseminate brochures promoting summer training opportunities;
- Work with the College Board and IB Minnesota to provide follow-up training in Minnesota;
- Facilitate payment of teacher scholarships to districts for their pre-payment of training; and,
- Provide direct services (e.g. workshops, materials) to schools/teachers who are considering offering an AP or IB program.

### **B. Subsidies for Student Exam Fees**

The intent of this activity is to assist public and non-public students in paying the costs for exam fees for AP and IB courses. This involves development of a fee schedule for payment of all or a portion of the exam fee for all students and the entire fee for students of low-income families.

MDE Staff Responsibilities:

- Communicate opportunities for exam fee subsidies to all Minnesota schools and students;
- Prepare applications to gather data from individual public and non-public schools regarding their school program, including the number of students tested, exams taken, courses offered and teachers teaching an AP or IB course;
- Work with the College Board to create invoice forms for payment of AP fees;
- Work with the public and non-public schools to pay for exam fees for all AP and IB exams; and,
- Prepare documentation to provide direct payment of exam subsidies to AP and IB districts.

## C. Administration

This activity involves overall administration of activities to implement all program components.

MDE Staff Responsibilities:

- Prepare and maintain the budget;
- Prepare annual reports to the legislature and respond to legislative inquiries;
- Meet regularly with Advanced Placement and International Baccalaureate advisory boards;
- Work with Minnesota public and private universities and colleges to prepare *Credit Policies for Courses earned through Advanced Placement and International Baccalaureate Exams*;
- Do informational presentations for groups of interested parents, teachers and students;
- Respond to phone and e-mail requests from program coordinators, teachers, parents and students;
- Communicate regularly with AP and IB coordinators regarding program information, program start-up, application processes and payments to their school or district; and,
- Gather and report data to the media, higher education and other organizations regarding student participation in AP and IB programs.

## VI. MINNESOTA PROGRAM PARTICIPATION

The AP and IB programs are expanding to meet the intent of the legislation to make available rigorous, challenging courses of study in all parts of the state and a variety of course offerings within schools or districts. The program provides financial incentives to support program growth through teacher training and exam reimbursement. (See Figures 1, 2, 3 and 4 for program change over time.)

### A. Advanced Placement Program Results

The AP program is in its 14<sup>th</sup> year of receiving funding for exam fees for all students. Of the 532 public and non-public high schools in Minnesota, 273 schools participated in AP, representing 51 percent of the high schools. (Appendix B, *2006 Advanced Placement Public Schools*; Appendix C, *2006 Non-Public Schools*)

The number of students testing and exams taken in FY 2006 demonstrate significant gains. In May 2006, 22,469 students took 35,831 exams. The number of AP students testing increased by 19 percent and exams taken increased by 21.5 percent, outpacing the rate of growth of the nation (see chart below). Minnesota test takers represent 1.7 percent of all students testing and take 1.6 percent of the exams. Of the 22,469 students, 4,417 were in grades 9 and 10; 7,624 were in grade 11; and 9,468 were in grade 12, with the greatest increase occurring in grades 9 and 10. Minnesota has a greater number of female students (12,437) taking tests than male students (10,032). In greater Minnesota, 6,167 students took 9,246 exams compared to 16,302 metro students taking 26,575 exams. (Appendix D, *School Report of AP Examinations 2005-2006 by State*)

	<b>Test Takers</b>	<b>% Change '05 to '06</b>	<b>Exams Taken</b>	<b>% Change '05 to '06</b>
Nation	1, 312,532	+7.4	2,266,038	+7.6
Minnesota	22,469	+19	35,821	+21.5
Minnesota	1.7%		1.6%	

Low-income students represent 5 percent of students testing and take 5 percent of the exams. The number of low-income students taking AP exams increased from 1,024 to 1,141, an increase of 11

percent and the fully subsidized exams for low-income students increased from 1,401 to 1,685, a 20 percent increase.

Minnesota has 3,657 AP students of color and “not stated,” representing 16 percent of all students testing in Advanced Placement. These 3,657 students took 6,287 exams or 18 percent of Minnesota exams. Figure 1 illustrates the distribution of candidates and exams by minority group for Minnesota:

**Figure 1**

<b>Minority Group</b>	<b>FY 04 Students</b>	<b>FY 04 Exams</b>	<b>FY 05 Students</b>	<b>FY 05 Exams</b>	<b>FY 06 Students</b>	<b>FY 06 Exams</b>
American Indian	46	62	65	84	79	126
Asian	1,198	2,111	1,245	2,223	1,528	2,701
Black/African-American	254	370	285	411	401	559
Latino: Mexican American	100	135	127	193	155	256
Latino: Puerto Rican	13	15	20	35	29	44
Latino: Other Hispanic	124	192	128	186	158	240
Other	332	549	322	524	450	780
Not Stated	429	681	517	806	857	1,581
White	14,941	22,892	16,193	25,018	18,812	29,534
<b>Total</b>	<b>17,437</b>	<b>27,007</b>	<b>18,902</b>	<b>29,480</b>	<b>22,469</b>	<b>35,821</b>

Although Minnesota continues to see growth in numbers of students testing and exams taken by traditional, underserved students, there still is an equity gap compared to percent of overall student populations for African-American, Latino and American Indian students.

<b>MN EQUITY GAPS</b>	<b>% of Student Population</b>	<b>% of AP Examinees</b>	<b>Equity Gap</b>
<b>African-American Students</b>	5.2	1.8	-3.4
<b>Latino Students</b>	2.8	1.4	-1.4
<b>Native American Students</b>	1.2	0.4	-.8

Minnesota students scoring 3 or better in a range of 1-5 was at 64.8 percent, a decrease of 2 percent from 2005; however, there is an overall increase of 18 percent of students earning scores of 3-5. The Midwest level increased to 66.1 percent; the national level remained at 59.4 percent and the global level remained at 59.6 percent.

In 2006, Carleton College offered 25 one-week, in-depth courses to 215 teachers, a 33 percent increase from the previous year. Augsburg provided training in 12 courses for 244 Minnesota teachers, an 88 percent increase. Due to conflicts in their schedule or to the fact that courses were not offered at Augsburg or Carleton, 48 AP teachers attended out-of-state training, double the previous year. Augsburg College also offered Vertical Team Training in English, Social Studies, Science and Mathematics to assist schools planning for AP and Pre-AP preparation and alignment of courses.

The number of teachers participating in follow-up training at the fall conference decreased significantly from 411 to 288, a 42 percent decrease. New AP courses offered in Minnesota high schools went from 96 in 2005 to 125 in 2006, an increase of 30 percent from the previous year. The following chart reflects a five-year comparison of Minnesota’s funded AP program:

**Figure 2**

<b>Advanced Placement</b>	<b>FY 02</b>	<b>FY 03</b>	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>
<b>Schools Funded</b>	<b>238</b>	<b>250</b>	<b>212</b>	<b>250</b>	<b>273</b>
Public Schools	196	213	175	211	233
Nonpublic Schools	42	37	37	39	40
<b>Total AP Schools Testing</b>	<b>238</b>	<b>250</b>	<b>251</b>	<b>250</b>	<b>278</b>
<b>Total Students Taking Exams</b>	<b>16,011</b>	<b>16,640</b>	<b>17,437</b>	<b>18,902</b>	<b>22,469</b>
<b>Total Exams Taken</b>	<b>24,578</b>	<b>25,343</b>	<b>27,007</b>	<b>29,480</b>	<b>35,821</b>
Students of Color	1,758	1,921	2,062	2,192	2,800
Total Low Income Students	581	808	950	1,024	1,141
Total Low Income Exams	837	1,230	1,281	1,401	1,685
<b>Nonpublic Students Testing</b>	<b>2,484</b>	<b>2,246</b>	<b>2,120</b>	<b>2,268</b>	<b>2,860</b>
<b>Nonpublic Exams Taken</b>	<b>3,172</b>	<b>3,217</b>	<b>3,311</b>	<b>3,578</b>	<b>4,690</b>
Exams per Student	1.52	1.36	1.55	1.56	1.6
% of MN Scores 3 or above (Range 1-5)	63.9%	65.4%	66.9%	66.7%	64.8%
% of NATL Scores 3 or above		61.5%	61.4%	59.4%	59.6%
<b>Total Teacher Training</b>	<b>804</b>	<b>855</b>	<b>824</b>	<b>731</b>	<b>795</b>
Carleton	187	155	180	164	215
Augsburg	72	101	145	130	244
Out-of-State	19	8	11	24	48
UM Midwest Regional Conference	509	591	488	411	288
Courses Offered	911	1,075	1,089	1,122	1,206
New Courses Offered	69	75	111	96	125
Teachers	941	1,043	1,068	1,095	1,123

## **B. International Baccalaureate Program Results**

In FY 2006, Minnesota had 23 International Baccalaureate schools (Appendix E, *Diploma, Middle Years, and Primary Years Programme IB Schools*) that were funded and represented authorized, applicant or candidate schools. Of the 23 schools, 14 are authorized schools, 12 were Diploma Programme (DP) schools, 4 were Middle Years Programme (MYP) schools and 7 were Primary Years Programme (PYP) Schools. At least 5-7 other schools at all levels are in the process of preparing for authorization. Throughout the long process of completing Application A and Application B, IB schools are developing curriculum and starting the implementation process in preparation for becoming authorized. The curriculum and culture of the IB Programs has generated considerable interest in this type of program. Not only are an increasing number of parents in Minnesota interested in the IB Program for their students, but parents from other countries and other states in our country frequently inquire about our IB schools.

This is the second year that the International Baccalaureate Organization asked students to identify their minority group on the exams. Figure 3 illustrates the numbers for Minnesota, but there are a large number of students who chose not to identify their race. Therefore, it is difficult to draw any conclusions about numbers and percent of minority students who participate in the IB Program. However, there are significant increases in the number of black and Hispanic students testing.

**Figure 3**

<b>Minority Group</b>	<b>FY 05 Students</b>	<b>FY 05 Exams</b>	<b>FY 06 Students</b>	<b>FY 06 Exams</b>
American Indian	5	21	5	11
Asian/Pacific Islander	168	391	222	391
Black/Non-Hispanic	72	170	107	174
Hispanic	20	32	32	49
Other	8	14	29	70
Not Stated	511	1427	174	316
White/Non-Hispanic	520	1,196	909	2060
<b>Total</b>	<b>1,304</b>	<b>3,251</b>	<b>1,478</b>	<b>3,071</b>

In FY 2006, the number of students testing (1,478) at the Diploma Programme level increased by 14 percent and the number of exams (3,071) taken increased by 11 percent. The 1,478 students are represented by 828 females and 650 males, 302 low-income students, 569 students-of-color, and 19 LEP students. In greater Minnesota, 149 students took 450 exams compared to 1,304 metro students taking 3,042 exams.

Southwest High School in Minneapolis ranks first in Minnesota and 56<sup>th</sup> in the list of top 100 IB schools in the world for number of exams taken. They had 252 students who took 595 exams, averaging 2.3 exams per student and earning 37 diplomas with a 78.7 percent pass rate. In addition, 240 Southwest students took 299 AP exams in 2006.

Students are scoring very well in relation to the number of exams taken, however, the percent of scores 4 or better on a scale of 1-7 decreased from the previous year, from 72 to 67 percent. The number of diplomas earned went from 122 to 127, an increase of 4 percent. Of the 171 students who attempted the diploma, 122 received the diploma, a 74 percent pass rate. The number of diplomas attempted increased by 10 percent, but the pass rate has decreased by 5 percent. Attempting the diploma demonstrates a high desire on the part of Minnesota students to participate in challenging rigorous, learning opportunities that prepare them for college. (Appendix F, *USA: Profile of IB Exam Entries by State for May 2006*)

Attendance at training is a reflection of the number of curriculum and program changes in any year. Teachers attending in-depth training increased from 67 to 108 teachers, an increase of 61 percent. Most in-depth IB training is offered out of state. A full-range of IB course training is provided at the World College in Montezuma, New Mexico, each summer for beginning and experienced teachers and workshops are offered at a variety of sites in North America for teachers and coordinators.

IB Minnesota provides follow-up training through networking meetings in a few content areas where the major curriculum changes have occurred. Participation at the winter networking meetings slightly increased from 48 to 64 teachers, an increase of 33 percent. These meetings provide an opportunity for Minnesota teachers to meet according to their curriculum area to discuss curriculum, instructional strategies and assessment changes. These meetings also provide time for experienced teachers to mentor their new colleagues in IB. The following reflects a five-year comparison:

**Figure 4**

<b>International Baccalaureate</b>	<b>FY 02</b>	<b>FY 03</b>	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>
<b>Schools Funded</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>12</b>	<b>23</b>
Diploma (DP)	11	11	10	11	12
Middle Years Program (MYP)				1	4
Primary Years Program (PYP)					7
<b>Total DP Schools Testing</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>11</b>	<b>11</b>
<b>Total Students Taking Exams</b>	<b>1151</b>	<b>1,145</b>	<b>1,220</b>	<b>1,300</b>	<b>1,478</b>
<b>Total Exams Taken</b>	<b>2584</b>	<b>2,563</b>	<b>2,734</b>	<b>2,775</b>	<b>3,071</b>
Students of Color				273	569
Low Income Students	180	196	237	243	302
Low Income Exams	372	425	475	482	623
Exams per Student	2.1	2.1	2.23	2.32	2.1
% of Scores 4 or above (Range 1-7)	72.4%	73.3%	73.1%	72%	67%
Diplomas Earned	96	137	110	123	127
<b>Total Teacher Training</b>	<b>148</b>	<b>169</b>	<b>112</b>	<b>115</b>	<b>172</b>
Out-of-State	88	72	67	67	108
Minnesota	60	97	45	48	64
Courses Offered	239	198	194	188	200
New Courses Offered	7	6	8	9	15
Teachers	236	227	195	210	253

## VII. PROGRAM COSTS AND EXPENDITURES

**AP/IB Teacher Scholarships** were available at a rate of \$625 for in-state teacher training and up to \$1,200 for out-of-state training. Scholarships subsidize costs related to tuition, travel, room and board for AP and IB teachers who attended training. The following criteria are used to determine out-of-state travel for AP: (1) training was not available in Minnesota or (2) dates at Carleton or Augsburg were not feasible for participants. Most in-depth training for IB teachers was offered out-of-state. Overall more teachers participated in in-depth training, with more than a 50 percent increase for both AP and IB teachers.

**AP Exam fee subsidies** of \$60 out of a total of \$82 were provided for all exams. Subsidies of \$52 were provided to students of low-income families applying for fee reductions. Schools use free and reduced price lunch as the criteria for determining low-income students that qualify for the fee reduction. The College Board provided the \$22 fee reduction and the school is expected to waive the \$8 fee for students.

**IB Exam fee subsidies** of \$160 out of a total of \$195 were provided for the first exam and \$53 of the \$58 for each additional exam for all students. The students who qualified for financial assistance (free and reduced price lunch) received subsidies for per capita costs (\$83 per candidate) registration (\$54 per candidate) and subject tests (\$58 per test). For schools with diploma candidates, a single fee of \$338 was paid to the district for the extended essay and theory of knowledge requirements of the program.

**Payment schedule** for exams varies each year of the biennium. With the rate of increase in students testing and exams taken, it was not possible to pay the entire exam fee in FY 2006. However, with the considerable increase in funding, exam reimbursement was paid at 73 percent for AP exams and 82 percent for IB exams. This represents considerable change in exam reimbursement over the past two

years. The state reimburses all AP and IB schools individually, after schools made the initial payment for exams and submitted an application and invoice to MDE.

**The budget for FY 2006** was \$4,500,000. Actual expenditures for exams and teacher training for AP were \$2,506,117 and \$594,285 for IB, bringing the total expenditures for FY 2006 to \$3,100,402. The following chart provides a five-year comparison, in both the combined and individual programs:

<b>Figure 5</b>	<b>FY 02</b>	<b>FY 03</b>	<b>FY 04</b>	<b>FY 05</b>	<b>FY 06</b>
<b>AP &amp; IB Program Allocations (+000)</b>	2,000.0	450.0	778.0	778.0	4,500.0
<b>Combined Program Expenditures (+000)</b>					
Teacher Training	199.7	----	195.0	253.7	580.6
Student Exam Subsidies	1,411.7	761.4	362.1	407.1	2,461.6
Support Programs					58.2
<b>Total Expenditure</b>	<b>1,611.4</b>	<b>761.4</b>	<b>557.1</b>	<b>714.4</b>	<b>3,100.4</b>
<b>Advanced Placement Expenditures</b>					
Public Teacher Training	92,231	----	121,177	211,918	322,183
Nonpublic Teacher Training	9,344	----	13,325	26,499	25,558
Public Exam Subsidies	1,016,488	524,808	210,557	270,985	1,831,976
Nonpublic Exam Subsidies	152,388	77,746	27,361	33,376	279,784
Support Programs					46,616
<b>Total Expenditure</b>	<b>1,270,451</b>	<b>602,554</b>	<b>372,420</b>	<b>542,778</b>	<b>2,506,117</b>
AP Exam Cost	\$78	\$80	\$82	\$82	\$82
MN Payment per Exam	\$48	\$23	\$7	\$8	\$60
Low-income Payment per Exam	\$49	\$50	\$52	\$52	\$52
CB Low-income Fee Reduction	\$22	\$22	\$22	\$22	\$22
<b>International Baccalaureate Expenditures</b>					
Teacher Training – DP*	98,107	----	60,522	68,905	133,006
Teacher Training – MYP*					46,200
Teacher Training – PYP*					53,652
Student Exam Subsidies - DP	242,868	158,821	124,216	102,750	349,873
Support Programs					11,554
<b>Total Expenditure</b>	<b>340,975</b>	<b>158,821</b>	<b>184,738</b>	<b>171,655</b>	<b>594,285</b>
IB Exam Cost per First/Second Exam	\$175/\$52	\$178/\$53	\$181/\$54	\$185/\$55	\$195/\$58
MN Payment per First/Second Exam	\$148/\$45	\$75/\$25	\$35/\$20	\$25/\$10	\$160/\$53
Low-income First/Second Exam Payment	\$175/\$52	\$178/\$53	\$181/\$54	\$185/\$55	\$195/\$58

\* DP – Diploma Programme

\* MYP – Middle Years Programme

\* PYP – Primary Years Program



## VIII. REGIONAL AND NATIONAL TRENDS

### A. Advanced Placement Program

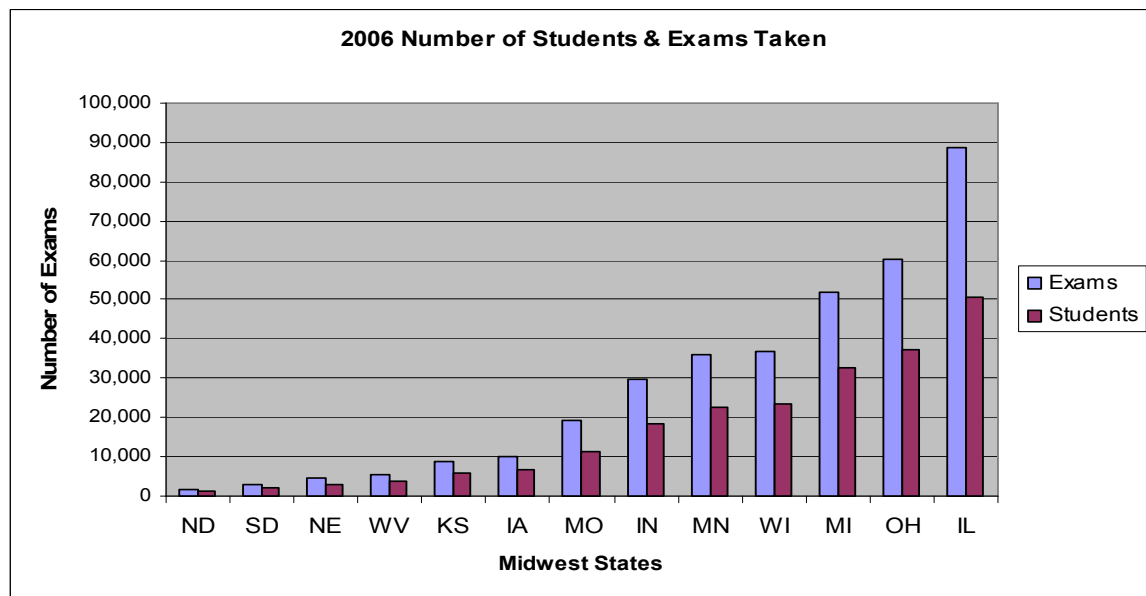
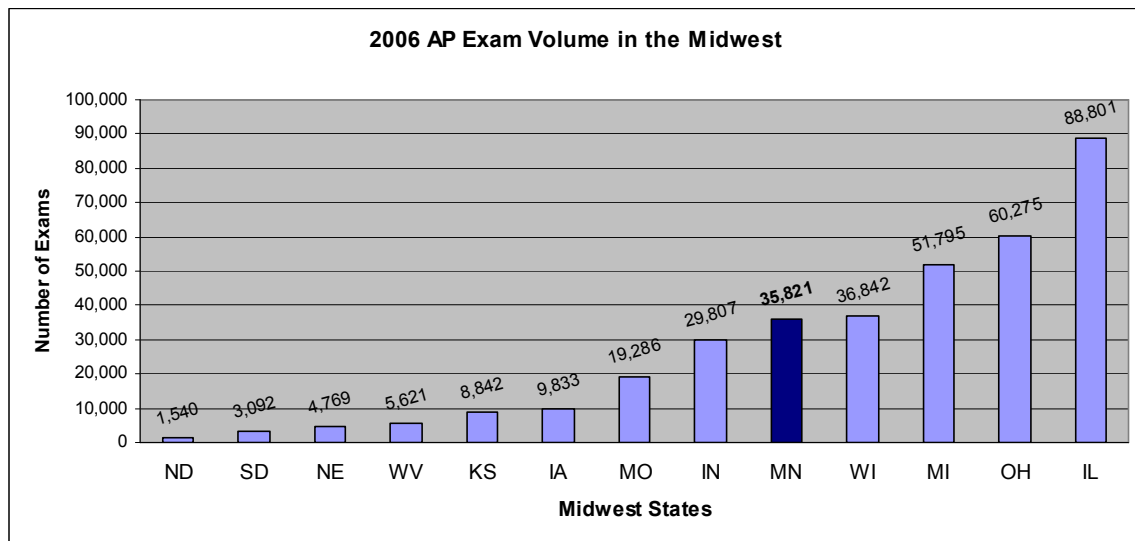
Minnesota, along with 43 states and Washington, D.C., formally endorse the Advanced Placement program for low-income students. Minnesota is also one of ten states, plus Washington, D.C., providing exam subsidies for all students. Legislative funding has had a significant impact on the number of students taking exams, although teachers have worked hard to encourage more students to test. Schools are also using the Advancement Via Individual Determination (AVID) program to increase access to AP. The significant growth in the number of students participating in AP courses and the number of exams taken began in 1994-95, when funding became available for all students in Minnesota. (Appendix G, *Annual AP Participation for the State of Minnesota*)

When compared to national public school testing data, Minnesota tests a smaller percent of their public school AP students and has a smaller percent scoring 3 or better (chart below). In Minnesota, 19.2 percent of the public school graduating class of 2006 has taken an AP exam at some point in their high school career; this compares to 24.2 percent for the nation. The chart below, representing seniors graduating in 2006, provides raw numbers for Appendix H. (Appendix H *AP Participation and Performance in Public Schools*)

Public School Data	Number of HS Students	Took AP Exam	% Who Took AP Exam	Number Scoring 3+	% Scoring 3+ on an exam
Nation	2,747,371	666,067	24.2	405,999	14.8
Minnesota	58,154	11,137	19.2	7,224	12.4

One challenge that impacts AP participation and performance is the number of entities that also offer college level courses and provide college credit for high school students (e.g., Postsecondary Enrollment Options, College in the Schools). Another 20,000+ students participate in these programs. This same challenge is also true when comparing Minnesota to the Midwestern states and other regions. (Appendix I, *AP Exam Volume by Region*) Minnesota has had considerable growth, but still is in 5<sup>th</sup> place in the Midwest for students testing and overall exam volume; however, Minnesota ranks 8<sup>th</sup> in the Midwest for achievement of exam scores of 3 and above for **all** exams taken. The following chart and graphs illustrate Minnesota's ranking and progress in the Midwest.

State	2005 Students	2006 Students	2005 Exams	2006 Exams	2006 Score % 3 and above
IL	45,188	50,835	79,257	88,801	69.8
IN	17,898	18,517	28,821	29,807	52.7
IA	6,047	6,607	8,986	9,833	69.8
KS	5,301	5,903	7,959	8,842	65.3
MI	30,099	32,571	48,312	51,795	66.5
MN	18,902	22,468	29,480	35,821	64.8
MO	10,467	11,501	18,407	19,286	70.7
NE	2,622	3,129	3,920	4,769	60.6
ND	993	1,069	1,422	1,540	70.8
OH	34,413	37,260	55,702	60,275	66.1
SD	1,857	1,905	3,085	3,092	61.5
WV	3,235	3,661	4,840	5,621	46.8
WI	21,221	23,306	33,524	36,842	68.9



With 75 percent of U.S. high school graduates entering college, the nation is steadily helping students gain entrance to college. But high college drop-out rates and the fact that about half of all college freshmen are taking at least one remedial course show us that it is not enough simply for secondary schools to help students gain admission. If our goal is to help students in what really counts—successful college degree completion—the gulf between high school graduation standards and freshman college course requirements must be eliminated. Students need to take rigorous courses to prepare them to do college-level work.

New research<sup>1</sup> conducted by the University of California: Berkeley—which looked at a pool of “similar” students created by removing differences of GPA, school quality, parental education level

1. Saul Geiser and Veronica Santelices, “The Role of Advanced Placement and Honors Courses in College Admissions,” Center for Studies in Higher Education. Paper CSHE-4-04 (July 1, 2004)

and family income—“emphatically supports” many earlier studies’ findings that an AP exam grade of 3 or higher is “a remarkably strong predictor of performance in college.”

A 2006 study<sup>2</sup> by the National Center for Educational Accountability found that among academically and demographically comparable students, students scoring 3 or better on one or more AP exams in the areas of English, mathematics, science or social studies were significantly more likely to graduate from college in five years or less compared to non-AP students.

Keng and Dodd<sup>3</sup> looked at how AP students fare when they skip an entry-level college course because their AP grade allows them to place directly into a higher-level college course. In their findings, AP students earn higher GPAs in the advanced college courses into which their AP credit allowed them to place, compared to students with the same high school class rank and SAT scores who did not earn AP credit and who did not skip the entry-level college course. They also found that the AP students took more college courses in that same subject area, on average, than students who did not take the AP exam.

An earlier study by the U.S. Department of Education<sup>4</sup>, *Answers in the Toolbox*, found a high school curriculum of “academic intensity and quality” such as that found in AP courses is far and away the most powerful predictor of bachelor’s degree completion. For example:

- Students who take no AP courses have a 29 percent chance of completing a bachelor’s degree in four years or less.
- For students who take one AP course, the probability increases to 45 percent.
- For students taking two or more AP courses, the likelihood of finishing college in four years or less increases to 61 percent.

These findings were particularly pronounced among African-American and Latino students who had taken AP or other rigorous courses. Furthermore, students from families within the lowest socio-economic brackets who had taken AP were found to complete college at greater rates than students from wealthy socio-economic brackets who had not participated in such curricula.

## **B. International Baccalaureate Program**

A number of states have legislative and/or education policies to support IB Programs. While policy gains in the U.S. have mainly been in the area of legislation, the concept of integrating IB into state education policy is becoming increasingly important as a result of standardized testing and graduation requirements. Examples of legislative and education policies include: support for state and federal examination fees, subsidized teacher training, bonuses and performance incentives, scholarships, university credit for IB diploma holders, and substitution and/or equivalency of IB examinations for various state assessments.

2. Chrys Dougherty, Lynn Mellor, and Shuling Jian, “The Relationship Between Advanced Placement and College Graduation,” National Center for Educational Accountability, [www.just4kids.org](http://www.just4kids.org) (2006)
3. Research by Leslie Keng and Barbara Dodd (in press) as cited in *Advanced Placement Report to the Nation*, (2007), CollegeBoard, New York, NY
4. U.S. Department of Education, “Answers in the Tool Box: Academic Intensity, Attendance Patterns, and Bachelor’s Degree Completion,” 1999.

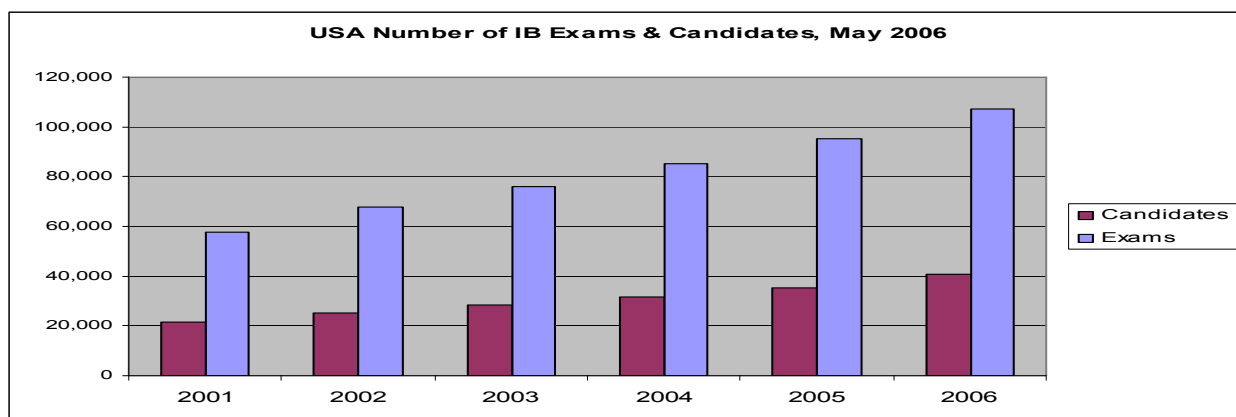
Financial support of IB programs promotes high achievement for an entire school and enhances total school improvement. In addition, it has had a significant impact in the percentage of students who participate in these programs, as well as increased percent of low socio-economic students who receive college credit before entering college. Generally, legislators on both sides of the aisle support programs like AP and IB because of the high standards and accountability of these programs.

Minnesota ranks 14 out of 44 states and the District of Columbia in number of schools offering an IB Program. (Appendix J, *USA Growth in Number of Exams*) Compared to other Midwestern IB states, Minnesota is ranked first in number of students testing and exams taken; however, we rank second in number of schools and diplomas earned (see chart below).

States	# of Schools	2006 Students	2006 Exams	Score of 4 and above	Diplomas	Diploma Pass Rate
Illinois	16	897	2,367	63%	138	42%
Indiana	7	222	649	77%	76	84%
Kansas	4	361	967			
Michigan	4	393	1,306			
<b>Minnesota</b>	<b>11</b>	<b>1,478</b>	<b>3,071</b>	<b>67%</b>	<b>127</b>	<b>74%</b>
Missouri	8	608	1,319	82%	101	73%
Nebraska	1	46	130			
Ohio	11	600	1,226	73%	84	79%
Wisconsin	6	393	1,024	62%	43	45%

Although the number of Minnesota Diploma schools has remained relatively constant for the past five years, the 2006 annual growth in the number of IB schools throughout the U.S., North America and the world is similar to Minnesota. The percent change in number of students and exams is also similar in comparison to the larger testing sub regions (see charts below). Minnesota students take fewer exams per student than students in the larger testing sub regions. Florida, California and Virginia were the top three states in the U.S. in 2006 for the number of schools, number of candidates, number of exams, number of Diploma candidates and the number of Diplomas awarded.

	Schools	% Change	Students	% Change	Exams	% Change	% Grade 4 and above	Exams/Student
Minnesota	12	9%	1,478	13.6%	3,071	11%	67%	2.08
U.S.	462	9%	40,646	15%	107,348	12%	78%	2.64
N America	563	9%	47,429	14%	128,071	12%	80%	2.70
World	1,177	11%	71,130	13%	234,649	11%	84%	3.30



International Baccalaureate developed a Middle Years Programme (MYP) in 1992, which offers a broad academic base along with *Approaches to Learning* and other areas of interaction for 11-16 year olds. The MYP can be a stand-alone program or part of the pre-IB preparation for the Diploma Programme. Sandburg Middle School, an authorized MYP school, has been offering the pre-IB preparation for the past five years in collaboration with Robbinsdale High School. Currently, four more Minnesota junior high and middle schools have completed Application B and are preparing for a school site visit to become an authorized MYP school.

The Primary Years Program (PYP) was developed in 1997. It offers an inquiry-based program for 3-12 year olds. Currently, six schools are authorized to offer the PYP. All Minnesota PYP schools offer the full PYP to all students. The PYP and MYP schools train teachers and begin the implementation process as soon as possible. Then they complete Application A to get Candidate status and continue to develop their program. Finally, they complete Application B to become an Applicant School and request a site visit as part of the authorization process. Minnesota has six PYP schools and four MYP schools that have completed Application A and are developing Application B. It is anticipated that by fall of 2008, there will 10 more authorized PYP and MYP schools in Minnesota.

This past year, the Minnesota Department of Education, in conjunction with IB Minnesota (IBMN) and the International Baccalaureate of North America (IBNA), offered two Orientation Seminars in Minnesota. The orientation level is one of four levels of training that provides schools with information about the three IB programs. The training was exceptionally well attended by participants from Minnesota schools and from 10 other states that are considering an IB Program at the primary, middle or high school levels. Orientation Seminar participants indicate that their interest in IB is due to the comprehensive nature of the IB Programmes, which positively impact both the achievement and culture of the school.

### **C. College Credits and Policies**

Participating colleges in 28 countries receive AP grades and grant credit or appropriate placement to students who have done well on AP examinations. The IB Diploma is accepted as an admissions credential at 1,023 North American Colleges and in 102 countries. In a recent study, the U.S. Department of Education found that 85 percent of high school students who took AP and/or IB courses continued their education after high school, which correlates to degree completion.

More than 90 percent of U.S. colleges and universities have an AP and IB policy granting incoming students academic credit, placement or both, for qualifying grades on AP or IB exams. The Minnesota Department of Education has prepared AP and IB [\*Minnesota College Credit Policy Guides\*](#), to inform and assist students as they make postsecondary education plans. Most public and private institutions in Minnesota have AP and IB credit policies. These courses are equivalent to college freshman level courses and with enough qualifying grades, students often enter college with a sophomore level standing. Minnesota State Colleges and Universities (MnSCU) have adopted a policy establishing common practices among higher education institutions for awarding credit for scores of 3-5 in AP and scores of 4-7 in IB. The following represents the number of colleges or universities that have defined policies:

Advanced Placement Policies	61 Minnesota colleges and universities
International Baccalaureate Policies	47 Minnesota colleges and universities

Large numbers of Minnesota high school graduates who participate in the AP and IB Programs are attending colleges out of state. (Appendix K, *College Report of AP Examinations 2005-2006 by State*) The report also indicates that more students leave the state than enter the state to attend college. In addition, 57 percent of AP test takers requested to have their grades sent to Minnesota colleges while 43 percent had their scores sent to out-of-state colleges. (Appendix L, *In-State and Out-of-State Colleges Receiving the Greatest Number of AP Grades*)

## IX. CHALLENGES AND RECOMMENDATIONS

### A. Challenges

As the AP and IB Programs continue to grow, there is an ongoing need to provide services for advanced learners who are underserved, to support teachers working with this level of student and to support of schools initiating or expanding these programs. Challenging, rigorous learning opportunities are essential to an effective system that is preparing students for success in postsecondary institutions. State accountability requires public reporting for student achievement, but in addition, Minnesota is reporting advanced academic opportunities, including percent of students taking AP and IB courses. Specific challenges for implementing the AP and IB programs include:

- **Increasing access to AP courses among students in rural communities.** Midwest Small Schools Summit participants urged the development of publications and Web content aimed specifically at small schools' teachers and students to reduce the isolation felt by these groups, encouraged an increase of participation in state or College Board committees and promoted expansion of on-site teacher professional development opportunities.
- **Addressing needs of disadvantaged students.** Information and strategies need to be developed to encourage disadvantaged individuals to take more challenging courses, finish those courses and get a diploma. These students need college access programs to guide and prepare them for postsecondary education (e.g., AVID, MCAN, Admissions Possible).
- **Preparing teachers for teaching the rigorous courses.** This is a challenge at a time when many experienced AP and IB teachers are retiring. An additional aspect of this challenge is preparing and increasing the number of AP and IB minority teachers to be role models for

students. Preparing teachers is becoming even more of a challenge since Carleton is offering 50 percent fewer courses than in previous years.

## **B. Program Recommendations**

Minnesota tradition supports many options and opportunities for students to engage in learning that is rich and stimulating and that will leave them well positioned for success in college and/or rewarding careers. Advanced Placement and International Baccalaureate Programs can provide courses and curriculum that are not only challenging, but also helpful to students in meeting graduation requirements. Both programs provide a means for students to learn at the highest levels while giving them self-confidence to accomplish college-level work. Minnesota should:

- Continue promotion of the AP/IB program to increase number of schools participating (especially rural), number and variety of courses being offered and number of students participating in the courses;
- Prepare teachers to offer more AP/IB courses throughout schools in Minnesota;
- Encourage more students (especially low-income and minority populations) to take exams; and,
- Continue working with disadvantaged students, including low-income, to encourage and prepare them for participation in challenging courses of study through Pre-AP and Pre-IB programs or college access programs.

## **X. CONCLUSION**

While Minnesota has a proud tradition of leading the nation in education excellence, our state and our students can no longer rely on our past success if we are to succeed in a more competitive global environment. We need to continue to promote rigorous and relevant course taking for all students.

AP and IB courses result in rising expectations for teaching and learning from teachers, students and parents, which have a positive impact on the overall system. Often schools and teachers feel that if the AP or IB curriculum is good for some students, it must be good for all or many other students, as well. Many teachers who participate in teacher training improve as teachers in general, not just as teachers of AP or IB classes. This can have an impact on the quality of learning for all students.

Although the AP program has shown extraordinary growth and the IB program is showing moderate growth, there is still a definite need to provide services for advanced learners, for underserved students and for the teachers working with these students.

## **XI. STAFF CONTACTS**

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## *Appendix A*

### **Advanced Placement and International Baccalaureate Programs Minn. Stat. § 120B.13, Article 2**

**Sec. 13.** Minnesota Statutes 2004, section 120B.13, subdivision 1, is amended to read:

Subd. 1. [PROGRAM STRUCTURE; TRAINING PROGRAMS FOR TEACHERS.]

(a) The advanced placement and international baccalaureate programs are well-established academic programs for mature, academically directed high school students. These programs, in addition to providing academic rigor, offer sound curricular design, accountability, comprehensive external assessment, feedback to students and teachers, and the opportunity for high school students to compete academically on a global level. Advanced placement and international baccalaureate programs allow students to leave high school with the academic skills and self-confidence to succeed in college and beyond. The advanced placement and international baccalaureate programs help provide Minnesota students with world-class educational opportunity.

(b) Critical to schools' educational success is ongoing advanced placement/international baccalaureate-approved teacher training. A secondary teacher assigned by a district to teach an advanced placement or international baccalaureate course or other interested educator may participate in a training program offered by The College Board or International Baccalaureate North America, Inc. The state may pay a portion of the tuition, room, board, and out-of-state travel costs a teacher or other interested educator incurs in participating in a training program. The commissioner shall determine application procedures and deadlines, select teachers and other interested educators to participate in the training program, and determine the payment process and amount of the subsidy. The procedures determined by the commissioner shall, to the extent possible, ensure that advanced placement and international baccalaureate courses become available in all parts of the state and that a variety of course offerings are available in school districts. This subdivision does not prevent teacher or other interested educator participation in training programs offered by The College Board or International Baccalaureate North America, Inc., when tuition is paid by a source other than the state.

**Sec. 14.** Minnesota Statutes 2004, section 120B.13, subdivision 3, is amended to read:

Subd. 3. [SUBSIDY FOR EXAMINATION FEES.] The state may pay all or part of the fee for advanced placement or international baccalaureate examinations. The commissioner shall pay all examination fees for all public and nonpublic students of low-income families, as defined by the commissioner, and to the limit of the available appropriation, shall also pay a portion or all of the examination fees for other public and nonpublic students sitting for an advanced placement examination, international baccalaureate examination, or both. The commissioner shall determine procedures for state payments of fees.

**Sec. 15.** Minnesota Statutes 2004, section 120B.13, is amended by adding a subdivision to read:

Subd. 3a. [COLLEGE CREDIT.] The colleges and universities of the Minnesota State Colleges and Universities system must award, and the University of Minnesota and private postsecondary institutions are encouraged to award, college credit to high school students who receive a score of three or higher on and advanced placement or four or higher on the international baccalaureate program examination.

**Sec. 21.** Laws 2005, First Special Session chapter 5, article 2, section 84, subdivision 13, is amended to read:



Subd. 13. [EXAMINATION FEES; TEACHER TRAINING AND SUPPORT PROGRAMS.]

(a) For students' advanced placement and international baccalaureate examination fees under Minnesota Statutes, section 120B.13, subdivision 3, and the training and related costs for teachers and other interested educators under Minnesota Statutes, section 120B.13, subdivision 1:

\$ 4,500,000 ..... 2006

\$ 4,500,000 ..... 2007

(b) The advanced placement program shall receive 75 percent of the appropriation each year and the international baccalaureate program shall receive 25 percent of the appropriation each year. The department, in consultation with representatives of the advanced placement and international baccalaureate programs selected by the Advanced Placement Advisory Council and IBMN, respectively, shall determine the amounts of the expenditures each year for examination fees and training and support programs for each program.

(c) Notwithstanding Minnesota Statutes, section 120B.13, subdivision 1, at least \$500,000 each year is for teachers to attend subject matter summer training programs and follow-up support workshops approved by the advanced placement or international baccalaureate programs. Teachers shall apply for teacher training scholarships to prepare for teaching in the advanced placement or international baccalaureate program. Any reserved funding not expended for teacher training may be used for exam fees and other support programs for each program.

(d) The commissioner shall pay all examination fees for all students of low-income families under Minnesota Statutes, section 120B.13, subdivision 3, and to the extent of available appropriations shall also pay examination fees for students sitting for an advanced placement examination, international baccalaureate examination, or both. Any balance in the first year does not cancel but is available in the second year.

**EFFECTIVE DATE.** This section is effective the day following final enactment.

## Appendix B

AP PUBLIC	FR	FR	N-FR	N-FR	Total Cost	AP	AP	New AP	Carl	Carleton	Carleton	Augs	Augsburg	Augs	O S	O of S	Fall Conf	Total	Grand
Schools	Cand	Exams	Cand	Exams	of Exams	Tchrs	Crs	Course	Tchr	\$ Tuition	\$ R&B	Tchr	\$ Tuition	\$ R&B	Tchr	\$	\$	Tchr Trng	Total
Agric & Food Sci Acad	0	0	6	6	\$360	1	1	\$1,000	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$1,985
Albany High School	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Albert Lea	0	0	2	2	\$0	0	0	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$625
Alden Conger			3	3															
Alexandria - Jefferson HS	10	12	83	120	\$7,824	7	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$7,824
Anoka - Andover	0	0	181	266	\$15,960	11	14	\$0	2	\$1,250	\$200	0	\$0	\$0	0	\$0	\$590	\$2,040	\$18,000
Anoka - Anoka HS	9	9	98	175	\$10,968	10	12	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$11,593
Anoka - Blaine	5	8	213	294	\$18,056	13	12	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$760	\$760	\$18,816
Anoka - Champlin Park	8	8	254	254	\$15,656			\$0	2	\$1,250	\$400	1	\$625	\$200	0	\$0	\$260	\$2,735	\$18,391
Anoka - Coon Rapids	2	4	194	254	\$15,448	10	11	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$130	\$955	\$16,403
Austin	1	1	37	37	\$2,272	5	5	\$0	3	\$1,875	\$0	1	\$625	\$0	0	\$0	\$780	\$3,280	\$5,552
Bagley	2	3	14	25	\$1,656	3	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$1,916
Barnesville			3	3															
Becker	0	0	8	8	\$480	0	0	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$1,305
Belgrade Brooten Elrosa	1	1	0	0	\$52	0	0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$52
Belle Plaine		0	14	14	\$840			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$840
Bemidji	28	28	329	329	\$21,196	9	10	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$21,456
Benson	0	0	7	7	\$420			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$420
Bertha			2	3															
Big Lake		0	16	20	\$1,200			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$1,330
Blooming Prairie	0	0	13	13	\$780	4	5	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$780
Bloomington - Jefferson		1		465	\$27,952			\$0	3	\$1,875	\$0	0	\$0	\$0	0	\$0	\$130	\$2,005	\$29,957
Bloomington - Kennedy	19	32	126	222	\$14,984	9	11	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$15,114
Blue Earth	0	0	16	23	\$1,380	6	6	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$2,205
BOLD - BOLD HS	0	0	3	3	\$180	1	1	\$3,717	3	\$1,875	\$600	1	\$625	\$200	0	\$0	\$0	\$3,300	\$7,197
Braham	3	3	15	15	\$1,056	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,056
Brainerd	0	0	320	623	\$37,380	17	21	\$0	1	\$625	\$200	2	\$1,250	\$200	1	\$1,200	\$130	\$3,605	\$40,985
Buffalo High School	0	0	88	90	\$5,400	10	10	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$6,025
Burnsville HS	0	0	144	160	\$9,600	13	8	\$0	4	\$2,500	\$400	0	\$0	\$0	0	\$0	\$0	\$2,900	\$12,500
Burnsville - Metcalf JHS	0	0	0	0	\$0			\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Burnsville - Nicollett JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Byron	0	0	28	31	\$1,860	2	2	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$2,485

Caledonia		4		9	\$748			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$748
Cambridge-Isanti	4	6	101	172	\$10,632	6	6	\$954	0	\$0	\$0	1	\$625	\$0	3	\$2,919	\$520	\$4,064	\$15,650
Canby			3	5															
Cannon Falls	0	0	93	93	\$5,580	7	7	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$130	\$755	\$6,335
Cass Lake-Bena			1	1															
Centennial	2	2	155	194	\$11,744	4	5	\$0	3	\$1,875	\$600	0	\$0	\$0	0	\$0	\$260	\$2,735	\$14,479
Chaska	1	1	243	399	\$23,992	20	18	\$0	0	\$0	\$0	1	\$625	\$0	1	\$1,023	\$0	\$1,648	\$25,640
Chisago Lakes	0	0	64	76	\$4,560	3	3	\$0	0	\$0	\$0	3	\$1,875	\$0	0	\$0	\$390	\$2,265	\$6,825
Chosen Valley HS			25	32															
Cleveland		0		0	\$0			\$0	1	\$625	\$0	0	\$0	\$0	0		\$0	\$625	\$625
Columbia Heights	26	26	83	150	\$10,352	9	9	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$10,977
Cook County Senior			3	3															
Crookston	0	0	13	13	\$780	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$780
Dassel-Cokato		0	36	38	\$2,280			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,280
Delano	0	0	34	39	\$2,340	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$2,470
Detroit Lakes	6	10	136	228	\$14,200	10	12	\$0	0	\$0	\$0	3	\$1,875	\$200	0	\$0	\$130	\$2,205	\$16,405
Dilworth-Glyndon-Felton	3	3	17	17	\$1,176	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,176
Duluth-Central	1	1	20	20	\$1,252	2	2	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$2,077
Duluth - Denfeld	5	9	55	68	\$4,548	4	4	\$0	0	\$0	\$0	1	\$625	\$200	0	\$0	\$0	\$825	\$5,373
Duluth - East	0	0	114	167	\$10,020	4	4	\$1,000	0	\$0	\$0	1	\$625	\$200	1	\$1,200	\$0	\$2,025	\$13,045
East Central High School			12	28															
Eden Prairie High School	0	0	497	858	\$51,480	11	10	\$1,000	1	\$625	\$0	1	\$625	\$0	0	\$0	\$390	\$1,640	\$54,120
Eden Valley Secondary			2	5															
Edina		13		1,859	\$112,216			\$0	1	\$625	\$0	1	\$625	\$0	0	\$0	\$330	\$1,580	\$113,796
Elgin-Millville	1	1	10	10	\$652	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$652
Elk River - Elk River HS	3	3	213	325	\$19,656	12	13	\$0	1	\$625	\$200	1	\$625	\$0	0	\$0	\$0	\$1,450	\$21,106
Elk River - Rogers HS	2	5	128	193	\$11,840	6	8	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$13,090
Elk River - Zimmerman HS				50	\$3,104			\$0	2	\$1,250	\$200	1	\$625	\$0	0	\$0	\$0	\$2,075	\$5,179
Ely	0	0	0	0	\$0	0	0	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$825
Esko - Lincoln Secondary	0	0	0	0	\$0	0	0	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$825
Evansville HS			1	1															
Faribault	1	1	39	51	\$3,112	3	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$3,112
Farmington		0		118	\$7,080		9	\$3,000	2	\$1,250	\$0	0	\$0	\$0	0	\$0	\$390	\$1,640	\$11,720
Fergus Falls	0	0	41	41	\$2,460	3	3	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$130	\$755	\$3,215
Fertile-Beltrami HS			1	1															
Fisher	0	0	0	0	\$0			\$1,000	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$1,625
Foley	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Forest Lake HS	23	23	203	290	\$18,596	10	10	\$2,000	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$20,856

Frazee Secondary			1	2														
Fridley	4	4	58	69	\$4,348	4	4	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
GFW Gibbon-Fairfax-Winthrop	6	6	56	57	\$3,732	4	4	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Glencoe - Silver Lake	0	0	14	14	\$840	2	2	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825
Glenville Emmons	2	2	4	4	\$344	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Goodhue	0	0	0	0	\$0			\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625
Granada Huntley-East Chain		0	8	8	\$480	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Grand Rapids - Bigfork HS		1	9	9	\$592	1	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Hastings	0	0	148	148	\$8,880	6	5	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$390	\$390
Hawley	0	0	18	23	\$1,380	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Hmong Academy Charter	14	15	0	0	\$780	1	1	\$0	0	\$0	\$0	3	\$1,875	\$0	0	\$0	\$130	\$2,005
Hopkins High School		10		759	\$46,060			\$1,964	4	\$2,500	\$600	1	\$625	\$0	0	\$0	\$520	\$4,245
Hopkins North JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250
Hopkins West JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	4	\$2,500	\$0	0	\$0	\$0	\$2,500
Houston	1	1	11	13	\$832	1	2	\$0	0	\$0	\$0	3	\$1,875	\$600	2	\$849	\$0	\$3,324
Howard Lk-Waverly-Winsted		0	0	0	\$0	0	0	\$0	3	\$1,875	\$0	3	\$1,875	\$0	1	\$1,174	\$0	\$4,924
Hutchinson	0	0	54	63	\$3,780	5	5	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
International Falls HS	0	0	52	52	\$3,120	2	2	\$0	2	\$1,250	\$400	0	\$0	\$0	0	\$0	\$0	\$1,650
Inver Grove Hgts - Simley HS	11	15	182	267	\$16,800	6	7	\$2,925	1	\$625	\$0	0	\$0	\$0	1	\$917	\$0	\$1,542
Jordan	3	5	9	12	\$980	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Kasson-Mantorville	0	0	15	16	\$960			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Kenyon-Wanamingo	0	0	26	53	\$3,180			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Kingsland	0	0	8	8	\$480	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
LaCrescent	0	0	31	58	\$3,480	5	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Lake City - Lincoln HS	0	0	7	7	\$420	1	1	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625
Lk Crystal-Wellcome Mem		5	9	9	\$800	2	2	\$0	0	\$0	\$0	3	\$1,875	\$400	0	\$0	\$0	\$2,275
Lake of the Woods	3	3	20	25	\$1,656	2	2	\$0	0	\$0	\$0	1	\$625	\$200	0	\$0	\$0	\$825
Lake Park-Audubon	8	8	16	20	\$1,616	3	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Lakeville North HS	0	0	555	739	\$44,340	17	14	\$0	4	\$2,500	\$0	1	\$625	\$0	3	\$3,600	\$370	\$7,095
Lakeville South HS	0	0	215	277	\$16,620	9	8	\$3,853	2	\$1,250	\$0	0	\$0	\$0	1	\$1,040	\$130	\$2,420
Le Center	1	1	3	3	\$232			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Lewiston-Altura	4	4	12	18	\$1,288	2	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Litchfield	0	0	68	110	\$6,600	6	7	\$0	4	\$2,500	\$800	1	\$625	\$0	0	\$0	\$260	\$4,185
Little Falls	4	4	21	21	\$1,468	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Littlefork-Big Falls	0	0	3	3		1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0
Luverne	0	0	10	12	\$720	2	2	\$0	1	\$625	\$200	1	\$625	\$200	0	\$0	\$0	\$1,650
Lyle	0	0	6	15	\$900	4	4	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0

Madelia Secondary			2	2															
Mahtomedi	0	0	240	420	\$25,200	13	13	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$260	\$1,510	\$26,710
Main Street Ctr for Arts	2	2	21	21	\$1,364	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,364
Mankato - East	9	16	74	101	\$6,892	6	6	\$0	2	\$1,250	\$400	0	\$0	\$0	0	\$0	\$110	\$1,760	\$8,652
Mankato - West	1	1	138	202	\$12,172	7	7	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$12,797
Maple River-Mapleton	0	0	3	3	\$180	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$180
Marshall	6	10	82	96	\$6,280	6	7	\$1,000	3	\$1,875	\$600	0	\$0	\$0	0	\$0	\$0	\$2,475	\$9,755
Marshall County Central	2	2	6	7	\$524	1	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$524
McLeod West	3	3	3	3	\$336	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$336
Melrose Secondary			1	1															
Milaca		0	15	15	\$900			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$900
Minneapolis - Edison		64		0	\$3,328			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$3,328
Minneapolis - Henry HS			2	2															
Minneapolis - North HS	76	94	33	48	\$7,768	7	7	\$0	2	\$1,250	\$400	0	\$0	\$0	0	\$0	\$130	\$1,780	\$9,548
Minneapolis - Roosevelt	40	58	11	14	\$3,856	5	5	\$0	0	\$0	\$0	1	\$625	\$0	1	\$1,024	\$760	\$2,409	\$6,265
Minneapolis - South	44	47	340	400	\$26,444	6	10	\$986	2	\$1,250	\$0	0	\$0	\$0	0	\$0	\$0	\$1,250	\$28,680
Minneapolis - Southwest	8	13	296	287	\$17,896	8	6	\$0	3	\$1,875	\$0	2	\$1,250	\$0	0	\$0	\$260	\$3,385	\$21,281
Minneapolis - Washburn	12	12	54	55	\$3,924	4	4	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$3,924
Minneota	0	0	0	0	\$0	0	0	\$905	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$1,530
Minnesota Ctr Online Lrng		0	0	0	\$0	0	0	\$0	1	\$625	\$200	0	\$0	\$0	3	\$2,847	\$0	\$3,672	\$3,672
Minnetonka	0	0	516	969	\$58,140	17	15	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$58,270
Minnewaska		0	26	27	\$1,620			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,620
Montevideo	6	8	39	55	\$3,716	3	3	\$1,000	3	\$1,875	\$600	0	\$0	\$0	0	\$0	\$130	\$2,605	\$7,321
Montgomery-Lonsdale	0	0	5	8	\$480	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$740
Monticello	9	11	109	135	\$8,672	4	4	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$260	\$1,510	\$10,182
Moorhead	7	14	228	351	\$21,788	10	15	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$21,788
Mound Westonka	3	3	158	184	\$11,196	7	8	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$11,196
Mounds View - Irondale	12	21	221	370	\$23,292	15	17	\$0	7	\$4,375	\$1,400	1	\$625	\$0	0	\$0	\$0	\$6,400	\$29,692
Mounds View - MVHS	1	1	346	553	\$33,232	10	9	\$0	2	\$1,250	\$400	1	\$625	\$0	0	\$0	\$260	\$2,535	\$35,767
New London-Spicer	6	11	65	111	\$7,232	6	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$7,492
New Prague	0	0	74	96	\$5,760	4	5	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$5,890
New Ulm	1	3	84	88	\$5,436	2	3	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$6,261
New York Mills	0	0	2	2	\$120	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$120
Norman County West			2	2															
North Branch	1	1	19	19	\$1,192	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,192
North St. Paul - North High	0	0	292	330	\$19,800	7	7	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$130	\$755	\$20,555
North St. Paul - Tartan	0	0	171	242	\$14,520	10	13	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$14,650
Northfield	0	0	126	206	\$12,360	9	9	\$0	0	\$0	\$0	0	\$0	\$0	1	\$1,200	\$260	\$1,460	\$13,820

Northland Community	8	10	6	16		6	7	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$0
Northome HS			1	1															
Norwood - Central HS	0	0	0	0	\$0	0	0	\$0	2	\$1,250	\$0	0	\$0	\$0	0	\$0	\$0	\$1,250	\$1,250
Orono	1	1	127	196	\$11,812	6	6	\$0	2	\$1,250	\$200	1	\$625	\$0	4	\$4,800	\$0	\$6,875	\$18,687
Osseo - Brooklyn JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	9	\$5,625	\$0	0	\$0	\$0	\$5,625	\$5,625
Osseo - Maple Grove HS	0	0	213	292	\$17,520	5	5	\$1,000	1	\$625	\$0	0	\$0	\$0	1	\$1,200	\$260	\$2,085	\$20,605
Osseo - Maple Grove JHS		0	0	0	\$0			\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Osseo--Osseo	4	8	150	194	\$12,056	5	5	\$0	1	\$625	\$0	3	\$1,875	\$0	0	\$0	\$390	\$2,890	\$14,946
Osseo - Park Center	4	5	48	64	\$4,100	3	4	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$130	\$755	\$4,855
Owatonna	0	0	107	175	\$10,500	14	14	\$0	5	\$3,125	\$0	0	\$0	\$0	0	\$0	\$0	\$3,125	\$13,625
PACT Charter School	0	0	0	0	\$0			\$0	0	\$0	\$0	3	\$1,875	\$0	0	\$0	\$0	\$1,875	\$1,875
Park Rapids	0	0	45	45	\$2,700	1	1	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$3,525
Pelican Rapids Secondary			6	6															
Pequot Lakes	5	5	23	23	\$1,640	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,640
Perham	1	1	24	24	\$1,492	2	2	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$2,117
Perpich Ctr for Arts Educ.	4	4	62	58	\$3,688	3	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$3,688
Pine City	0	0	36	36	\$2,160	4	4	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,160
Pine Rivers-Backus	5	11	18	37	\$2,792	3	3	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,792
Pipestone-Jasper	2	2	12	17	\$1,124	3	3	\$0	0	\$0	\$0	1	\$625	\$200	0	\$0	\$0	\$825	\$1,949
Plainview	0	0	27	32	\$1,920	2	2	\$999	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$3,544
Princeton	2	2	7	7	\$524	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$524
Prior Lake - Savage	0	0	241	241	\$14,460	8	9	\$0	0	\$0	\$0	0	\$0	\$0	1	\$625	\$130	\$755	\$15,215
Proctor	0	0	1	1	\$60	0	0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$60
Red Rock Central Sec.			1	2															
Red Wing	1	3	30	45	\$2,856	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,856
Redwood Valley HS	0	0	18	18	\$1,080	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,080
Richfield	8	11	87	110	\$7,172	4	4	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$130	\$1,380	\$8,552
Robbinsdale - Armstrong	11	16	389	712	\$43,552	18	16	\$0	2	\$1,250	\$400	4	\$2,500	\$0	1	\$2,227	\$390	\$6,767	\$50,319
Robbinsdale - Plymouth MS												5	\$3,125					\$3,125	\$3,125
Rochester - Century	0	0	238	376	\$22,560	10	7	\$0	1	\$625	\$200	0	\$0	\$0	4	\$4,486	\$330	\$5,641	\$28,201
Rochester - John Marshall	2	14	96	179	\$11,468	8	8	\$0	4	\$2,500	\$0	1	\$625	\$0	0	\$0	\$110	\$3,235	\$14,703
Rochester - Mayo	6	8	94	94	\$6,056	7	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$6,186
Rockford	0	0	0	0	\$0			\$0	1	\$625	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,875	\$1,875
Rocori	0	0	4	5	\$300	0	0	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$300
Roseau Secondary			26	26															
Rosemount - District (MS)		0	0	0	\$0	0	0	\$0	0	\$0	\$0	0	\$0	\$0	32	\$1,440	\$0	\$1,440	\$1,440
Rosemount - Apple Valley	0	0	267	417	\$25,020	19	14	\$0	1	\$625	\$0	0	\$0	\$0	0	\$0	\$520	\$1,145	\$26,165
Rosemount - Eagan	0	0	340	527	\$31,620	9	10	\$0	1	\$625	\$0	1	\$625	\$0	0	\$0	\$0	\$1,250	\$32,870

Rosemount - Eastview	0	0	450	781	\$46,860	16	11	\$1,000	2	\$1,250	\$0	0	\$0	\$0	0	\$0	\$520	\$1,770	\$49,630
Rosemount - Rosemount	4	9	370	371	\$22,728	12	10	\$0	2	\$1,250	\$200	0	\$0	\$0	0	\$0	\$910	\$2,360	\$25,088
Rosemount - Envr Studies	1	1	117	196	\$11,812	16	10	\$0	3	\$1,875	\$200	1	\$625	\$0	0	\$0	\$0	\$2,700	\$14,512
Roseville HS	13	16	170	241	\$15,292	7	8	\$0	3	\$1,875	\$0	15	\$9,375	\$0	1	\$1,200	\$0	\$12,450	\$27,742
Roseville MS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	8	\$5,000	\$0	0	\$0	\$0	\$5,000	\$5,000
Rothsay	0	0	0	0	\$0	1	1	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$825
Round Lake-Brewster		3		10	\$756			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$756
RTR Schools	0	0	0	0	\$0	0	0	\$0	2	\$1,250	\$400	1	\$625	\$0	0	\$0	\$0	\$2,275	\$2,275
Rush City	0	0	2	2	\$0	0	0	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$1,250
Rushford-Peterson	1	2	12	21	\$1,364	3	3	\$0	0	\$0	\$0	1	\$625	\$200	0	\$0	\$0	\$825	\$2,189
Sauk Centre	4	4	9	9	\$748	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$748
Sauk Rapids-Rice	13	18	126	182	\$11,856	6	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$390	\$390	\$12,246
Sebeka	23	23	23	23				\$0	2	\$1,250	\$200	0	\$0	\$0	0	\$0	\$0	\$1,450	\$1,450
Shakopee High School	5	5	56	56	\$3,620	4	4	\$1,000	1	\$625	\$0	0	\$0	\$0	0	\$0	\$0	\$625	\$5,245
Shakopee - Junior High	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$1,250
Sleepy Eye		5		23	\$1,640			\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$2,465
South St. Paul			1	1															
Southland			1	1															
So Wash Cty - Park	0	0	73	112	\$6,720	9	14	\$0	2	\$1,250	\$0	0	\$0	\$0	0	\$0	\$130	\$1,380	\$8,100
So Wash Cty - Woodbury	0	0	145	272	\$16,320	7	9	\$0	9	\$5,625	\$1,000	11	\$6,875	\$0	0	\$0	\$260	\$13,760	\$30,080
Spring Grove	0	0	7	10	\$600	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$600
Spring Lake Park	0	0	350	374	\$22,440		13	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$22,440
Springfield			5	5															
St. Anthony - New Brighton	4	13	113	227	\$14,296	8	9	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$260	\$1,510	\$15,806
St. Charles	5	6	31	38	\$2,592	6	6	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$3,417
St. Clair	3	5	22	25	\$1,760	2	4	\$0	0	\$0	\$0	1	\$625	\$200	0	\$0	\$0	\$825	\$2,585
St. Cloud - Apollo	0	0	285	337	\$20,220	9	9	\$1,000	1	\$625	\$200	5	\$3,125	\$0	0	\$0	\$0	\$3,950	\$25,170
St. Cloud - Technical HS	6	10	242	464	\$28,360	9	10	\$0	1	\$625	\$200	10	\$6,250	\$0	0	\$0	\$130	\$7,205	\$35,565
St. Cloud - District	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Cloud - ALC Wilson	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$1,250
St. Cloud - Children's Home		0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Cloud - Discovery Elem		0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Cloud - Madison	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Cloud - North JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	3	\$1,875	\$0	0	\$0	\$0	\$1,875	\$1,875
St. Cloud - Oak Hill Comm		0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Cloud - South JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$1,250
St. James	2	2	17	17		0	0	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$825
St. Louis Park	19	19	272	304	\$19,228	7	7	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$19,358

St. Michael-Albertville	0	0	54	71	\$4,260	3	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$4,260
St. Paul - Arlington	95	115	27	45	\$8,680	11	9	\$0	1	\$625	\$0	5	\$3,125	\$0	0	\$0	\$1,040	\$4,790	\$13,470
St. Paul - Central	16	31	130	223	\$14,992	11	14	\$0	4	\$2,500	\$200	0	\$0	\$0	0	\$0	\$390	\$3,090	\$18,082
St. Paul - Como	88	162	215	492	\$37,944	15	15	\$0	1	\$625	\$0	2	\$1,250	\$0	3	\$3,542	\$780	\$6,197	\$44,141
St. Paul - Creative Arts HS		0	8	10	\$600	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$600
St. Paul - District Office	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Paul - Harding Sr.			1	1															
St. Paul - Hazel Park	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Paul - Highland Park	0	0	3	4	\$240			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$240
St. Paul - Humboldt JHS	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
St. Paul- Humboldt Sr.	44	81	27	71	\$8,472		6	\$0	4	\$2,500	\$400	1	\$625	\$0	0	\$0	\$650	\$4,175	\$12,647
St. Paul - Johnson	75	75	69	69	\$8,040	12	11	\$0	1	\$625	\$200	5	\$3,125	\$0	0	\$0	\$650	\$4,600	\$12,640
St. Paul - Open School	0	0	0	0	\$0	0	0	\$989	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$989
St. Peter	0	0	89	89	\$5,340	8	9	\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$5,965
Stewartville	0	0	31	34	\$2,040	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,040
Stillwater High School		3		907	\$54,576			\$0	1	\$625	\$200	8	\$5,000	\$0	0	\$0	\$650	\$6,475	\$61,051
Stillwater Junior High		0		0	\$0			\$0	0	\$0	\$0	1	\$625	\$0	0	\$0	\$0	\$625	\$625
Stillwater - OakLand JHS		0		0	\$0			\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$0	\$1,250	\$1,250
Studio Academy	0	0	11	12	\$720	2	3	\$3,987	4	\$2,500	\$0	0	\$0	\$0	0	\$0	\$0	\$2,500	\$7,207
Thief River Falls - Lincoln HS	0	0	26	28	\$1,680	3	2	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$0	\$825	\$2,505
Tracy High School	0	0	0	0	\$0	0	0	\$3,992	2	\$1,250	\$400	1	\$625	\$0	0	\$0	\$0	\$2,275	\$6,267
TrekNorth	22	22	53	53	\$4,324	5	9	\$0	3	\$1,875	\$600	2	\$1,250	\$200	0	\$0	\$0	\$3,925	\$8,249
Triton	0	0	0	0	\$0	0	0	\$0	0	\$0	\$0	0	\$0	\$0	1	\$947	\$0	\$947	\$947
Two Harbors Secondary			13	13															
Ulen-Hitterdal	0	0	1	1	\$60			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$60
United South Central			1	1															
Upsala	0	0	10	10	\$600	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$600
Virginia	0	0	24	24	\$1,440	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,440
Voyageurs Exped HS	5	5	6	6	\$620	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$620
Wabasha-Kellogg	0	0	10	10	\$600	2	2	\$1,000	0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$1,730
Wabasso	0	0	0	0	\$0	0	0	\$1,000	2	\$1,250	\$400	0	\$0	\$0	0	\$0	\$0	\$1,650	\$2,650
Warroad	6	15	14	15	\$1,680	2	2	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$1,680
Waseca	0	0	49	49	\$2,940	5	5	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$2,940
Watertown-Mayer HS	0	0	10	13	\$780	2	3	\$0	0	\$0	\$0	0	\$0	\$0	1	\$1,200	\$130	\$1,330	\$2,110
Waterville-Elysian-Morristown	0	0	14	14	\$840	1	1	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$840
Waubun Sec.			1	1															
Wayzata	0	0	559	970	\$58,200	24	21	\$0	1	\$625	\$200	0	\$0	\$0	0	\$0	\$520	\$1,345	\$59,545



West St. Paul - Henry Sibley		16		427	\$26,452			\$0	0	\$0	\$0	2	\$1,250	\$0	0	\$0	\$330	\$1,580	\$28,032
Wheaton		0	9	11	\$660			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$0	\$0	\$660
White Bear Lake	0	0	240	285	\$17,100	10	12	\$0	1	\$625	\$0	0	\$0	\$0	1	\$1,178	\$130	\$1,933	\$19,033
Willmar	0	0	71	120	\$0			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$260
Willow River	0	0	0	0	\$0			\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$260
Win-E-Mac			2	2															
Winona	13	15	41	47	\$3,600	6	6	\$0	2	\$1,250	\$400	1	\$625	\$200	0	\$0	\$0	\$2,475	\$6,075
Worthington	1	2	49	71	\$4,364	7	6	\$0	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$4,624
Zumbrota-Mazeppa Sr.			11	12															
<b>TOTALS</b>	<b>1,014</b>	<b>1,483</b>	<b>17,535</b>	<b>29,627</b>	<b>\$1,831,976</b>	<b>928</b>	<b>980</b>	<b>\$42,271</b>	<b>173</b>	<b>\$108,125</b>	<b>\$17,800</b>	<b>204</b>	<b>\$127,500</b>	<b>\$3,600</b>	<b>69</b>	<b>\$41,838</b>	<b>\$23,320</b>	<b>\$322,183</b>	<b>\$2,196,430</b>

## Appendix C

Non Public Schools	F-R Cand	F-R Exams	N-FR Cand	N-FR Exams	Total Cost of Exams	AP Tchrs	AP Crs	New AP Course	Crln Tchrs	Carlton \$ Tuit	Carlton \$ R&B	Augs Tchrs	Augs \$ Tuit	Augs \$ R&B	O S Tchrs	O S \$	Fall Conf \$	Total Tchr Trng	Grand Total
Acad of Holy Angels-Richfield	0	0	160	253	\$15,180	11	12		2	\$1,250	\$0	1	\$625	\$0	0	\$0	\$910	\$2,785	\$17,965
Benilde-St. Margaret-St Louis Pk	0	0	171	309	\$18,540	11	11		1	\$625	\$0	0	\$0	\$0	0	\$0	\$220	\$845	\$19,385
Bethlehem Academy	0	0	12	16	\$960	1	1		1	\$625	\$0	0	\$0	\$0	0	\$0		\$625	\$1,585
The Blake School - Minneapolis	44	77	247	467	\$32,024	14	13		1	\$625	\$0	0	\$0	\$0	0	\$0		\$625	\$32,649
Breck - Golden Valley	10	18	184	191	\$12,396	14	10		0	\$0	\$0	1	\$625	\$0	0	\$0	\$550	\$1,175	\$13,571
Cathedral - St. Cloud	1	1	215	214	\$12,892	5	5		2	\$1,250	\$400	1	\$625	\$200	0	\$0		\$2,475	\$15,367
Concordia Acad - Bloomington		0	24	24	\$1,440	3	5		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$1,440
Concordia Academy - Roseville	0	0	21	23	\$1,380	2	2		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$1,380
Convent Visit-Mendota Hghts	0	0	122	219	\$13,140	8	9		1	\$625	\$0	0	\$0	\$0	0	\$0		\$625	\$13,765
Cotter - Winona	0	0	31	40	\$2,400	5	6	\$1,000	1	\$625	\$200	0	\$0	\$0	0	\$0		\$825	\$4,225
Cretin-Derham Hall - St. Paul	0	0	206	281	\$16,860	7	7		0	\$0	\$0	0	\$0	\$0	0	\$0	\$130	\$130	\$16,990
DeLaSalle - Minneapolis	52	72	112	141	\$12,204	5	5		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$12,204
Faith Christian School	0	0	4	4	\$240	1	1		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$240
Heritage Christian Academy		0	13	13	\$780	2	2		0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$1,040
Hill Murray - Maplewood	0	0	80	107	\$6,420	4	4		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$6,420
Hillcrest Lutheran Academy	2	2	25	34	\$2,144	4	4		0	\$0	\$0	1	\$625	\$200	0	\$0		\$825	\$2,969
Holy Family Catholic	0	0	122	188	\$11,280	10	11	\$723	0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$12,263
International Schl-Eden Prairie	5	15	36	100	\$6,780	14	17		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$6,780
Lourdes - Rochester	0	0	74	74	\$4,440	3	3		1	\$625	\$200	0	\$0	\$0	0	\$0		\$825	\$5,265
Loyola - Mankato	3	5	26	43	\$2,840	3	3	\$2,000	3	\$1,875	\$400	0	\$0	\$0	0	\$0	\$260	\$2,535	\$7,375
Maranatha Christ Acad-Bklyn Pk	0	0	36	46	\$2,760	5	6		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$2,760
Marshall School - Duluth	0	0	75	146	\$8,760	9	11		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$8,760
Meadow Creek Christ - Andover	0	0	43	51	\$3,060	3	3		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$3,060
Minnehaha Acad - Minneapolis		0		373	\$22,380				1	\$625	\$0	0	\$0	\$0	2	\$2,056	\$110	\$2,791	\$25,171
Minnetonka Christian Academy		1	8	9	\$592	3	3		0	\$0	\$0	1	\$625	\$0	0	\$0		\$625	\$1,217
MN Valley Lutheran - New Ulm	4	4	42	42	\$2,728	2	2		0	\$0	\$0	0	\$0	\$0	0	\$0	\$260	\$260	\$2,988
Mounds Park Academy - St Paul	1	2	28	40	\$2,504	4	4		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$2,504
Nacel International School		0	15	18	\$1,080	4	6		0	\$0	\$0	0	\$0	\$0	1	\$1,170		\$1,170	\$2,250
New Life Academy - Woodbury	0	0	47	62	\$3,720	5	7		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$3,720
Providence Academy	0	0	28	34	\$2,040	3	3		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$2,040
Shattuck-St. Mary's - Faribault	0	0	59	119	\$7,140	11	11		2	\$1,250	\$0	0	\$0	\$0	0	\$0		\$1,250	\$8,390
Southwest Christian - Chaska	0	0	37	68	\$4,080	3	4		0	\$0	\$0	1	\$625	\$0	1	\$1,012	\$260	\$1,897	\$5,977

St. Agnes - St. Paul	2	2	26	35	\$2,204	3	3		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$2,204
St. Bernard's - St. Paul	0	0	36	40	\$2,400	4	4		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$2,400
St. Croix Lutheran- West St. Paul	0	0	47	69	\$4,140	5	5		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$4,140
St. Johns Prep - Collegeville	2	3	60	99	\$6,096	5	6	\$622	0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$6,718
St Mary's Catholic - Sleepy Eye	0	0	0	0	\$0	0	0		0	\$0	\$0	0	\$0	\$0	1	\$925		\$925	\$925
St Paul Acad/Summit-St Paul	0	0	41	70	\$4,200	0	0		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$4,200
St Thomas Acad - Mendota Hts.	0	0	114	264	\$15,840	9	9		0	\$0	\$0	0	\$0	\$0	0	\$0		\$0	\$15,840
Totino-Grace - Fridley	0	0	83	133	\$7,980	4	4		0	\$0	\$0	0	\$0	\$0	1	\$1,200		\$1,200	\$9,180
West Lutheran - Plymouth	0	0	23	29	\$1,740				0	\$0	\$0	1	\$625	\$0	0	\$0		\$625	\$2,365
<b>TOTALS</b>	<b>127</b>	<b>202</b>	<b>2,733</b>	<b>4488</b>	<b>\$279,784</b>	<b>209</b>	<b>222</b>	<b>\$4,345</b>	<b>16</b>	<b>\$10,000</b>	<b>\$1,200</b>	<b>7</b>	<b>\$4,375</b>	<b>\$400</b>	<b>6</b>	<b>\$6,363</b>	<b>\$3,220</b>	<b>\$25,558</b>	<b>\$309,687</b>

# Appendix D

## SCHOOL REPORT OF AP EXAMINATIONS 2005-2006 (BY STATE)

STATE	11TH & 12TH GRADE ENROLLMENT*	TOTAL AP STUDENTS		TOTAL AP EXAMS		AP EXAMS PER 1000 11TH & 12TH GRADERS**		EXAM CHG PER 1000 11TH & 12TH GRADERS 2005-2006		% OF GRADES 3 OR ABOVE	
		2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
Alabama	93,548	7,213	7,774	11,909	12,728	113	121	8		58.5%	61.5%
Alaska	19,537	2,208	2,402	3,687	4,100	175	195	20		64.5%	60.2%
Arizona	163,096	13,642	15,946	23,087	26,791	147	142	-5		59.9%	58.9%
Arkansas	63,513	13,883	15,705	23,140	25,780	304	344	40		28.2%	28.6%
California	910,998	211,171	223,619	381,015	405,711	329	368	39		57.8%	58.8%
Colorado	104,508	20,453	22,910	33,764	38,018	274	313	39		62.2%	61.7%
Connecticut	102,407	18,733	19,827	32,380	34,383	298	302	4		72.7%	73.6%
Delaware	17,405	4,086	4,494	7,317	8,220	325	417	92		57.9%	57.7%
District of Columbia	9,008	2,818	3,227	5,199	5,888	458	590	132		65.0%	59.7%
Florida	346,062	88,440	101,648	160,584	184,933	363	414	51		49.7%	47.7%
Georgia	191,857	36,358	43,699	58,352	70,401	249	296	47		57.6%	55.8%
Hawaii	26,128	4,321	4,734	7,058	7,815	176	283	107		63.7%	61.3%
Idaho	37,398	3,488	3,919	5,599	6,152	140	150	10		62.5%	63.2%
Illinois	300,337	45,188	50,835	79,257	88,801	214	253	39		70.5%	69.8%
Indiana	143,773	17,898	18,517	28,821	29,807	173	185	12		50.9%	52.7%
Iowa	75,686	6,047	6,607	8,986	9,833	98	107	9		67.2%	69.8%
Kansas	69,547	5,301	5,903	7,959	8,842	93	108	15		64.7%	65.3%
Kentucky	87,603	12,340	13,625	19,747	22,349	195	219	24		49.1%	51.4%
Louisiana	92,071	4,648	4,732	7,050	6,929	48	67	19		58.7%	55.6%
Maine	36,032	5,329	5,855	8,113	8,714	214	214	0		60.9%	59.7%
Maryland	128,071	37,357	41,711	68,533	76,774	413	507	94		66.0%	64.9%
Massachusetts	169,958	30,704	32,948	52,108	56,084	293	303	10		72.0%	73.4%
Michigan	238,500	30,099	32,571	48,312	51,795	166	193	27		65.4%	66.5%
Minnesota	145,229	18,902	22,469	29,480	35,821	161	200	39		66.8%	64.8%
Mississippi	56,993	3,937	4,613	5,910	7,065	88	112	24		37.4%	34.2%
Missouri	132,555	10,467	11,501	18,407	19,286	114	129	15		70.0%	70.7%
Montana	22,696	2,189	2,204	3,250	3,288	127	134	7		65.1%	68.2%
Nebraska	45,255	2,622	3,129	3,920	4,769	71	94	23		60.1%	60.6%
Nevada	48,403	6,363	7,299	11,568	13,005	216	233	17		51.6%	49.7%
New Hampshire	45,333	4,430	5,034	6,686	7,559	145	152	7		67.9%	70.8%
New Jersey	235,691	36,215	39,085	64,682	69,819	273	273	0		70.7%	71.9%
New Mexico	43,418	5,991	6,406	9,505	10,322	176	198	22		45.1%	47.3%
New York	371,345	99,034	106,373	167,032	179,181	339	409	70		63.1%	64.6%
North Carolina	178,760	38,194	41,038	70,026	76,578	364	386	22		55.7%	54.8%
North Dakota	17,159	993	1,069	1,422	1,540	79	82	3		68.2%	70.8%
Ohio	270,690	34,413	37,260	55,702	60,275	164	196	32		65.0%	66.1%
Oklahoma	80,482	11,353	12,394	19,138	20,730	202	220	18		47.8%	46.8%
Oregon	80,304	8,365	9,667	12,452	14,505	134	158	24		63.6%	61.9%
Pennsylvania	291,030	37,216	39,517	60,736	63,793	173	197	24		67.4%	68.9%
Rhode Island	28,672	3,081	3,266	5,113	5,580	166	176	10		63.6%	65.3%
South Carolina	83,198	13,666	14,527	22,850	24,137	251	247	-4		55.5%	55.8%
South Dakota	19,814	1,857	1,905	3,085	3,092	137	145	8		61.8%	61.5%
Tennessee	116,366	14,179	15,479	23,243	25,585	172	193	21		63.6%	62.9%
Texas	541,068	112,263	122,969	204,403	224,168	310	340	30		48.6%	48.5%
Utah	72,389	14,937	15,483	24,528	25,127	273	296	23		65.5%	65.5%
Vermont	17,228	2,524	2,856	3,914	4,434	222	238	16		67.1%	65.2%
Virginia	170,793	44,560	49,877	80,583	90,464	397	439	42		61.7%	60.6%
Washington	156,389	22,573	25,891	35,704	41,132	194	219	25		61.9%	60.0%
West Virginia	37,862	3,235	3,661	4,840	5,621	121	137	16		47.1%	46.8%
Wisconsin	141,477	21,221	23,306	33,524	36,842	202	232	30		67.5%	68.9%
Wyoming	12,750	934	1,037	1,365	1,472	92	101	9		46.1%	49.9%
TOTAL (U.S.)	6,890,392	1,197,439	1,312,523	2,065,045	2,266,038	247	279	32		59.4%	59.4%
NON U.S./U.S. TERR/CAN		23,577	26,759	40,758	46,573					70.6%	70.8%
GRAND TOTAL	6,890,392	1,221,016	1,339,282	2,105,803	2,312,611					59.6%	59.6%

\* Source: Applied Educational Research Inc. of Princeton, NJ  
\*\* This is the number of exams taken by the current year's 11th and 12th grade AP students (number of exams not shown) divided by the state's "11th and 12th Grade Enrollment" x 1000

Appendix E

IB Diploma Schools	Low In	Low In	Other	Other	Cost of	IB DP	IB	IB	New	Network	Networ k	O-o-S	O-o-S	Total	Grand
	Cand	Exams	Cand	Exams	Exams	Cand	Tchr s	Crs	Course\$	Teacher s	Cost	Tchr s	Cost	TT Cost	Total
Anoka-Champlin Park	0	0	0	0	\$0		25	15	\$11,554	4	\$420	3	\$3,600	\$4,020	\$15,574
															\$0
Fairmont	7	15	39	156	\$14,110	3	12	14	\$0	1	\$90	7	\$7,290	\$7,380	\$21,490
															\$0
Grand Rapids	4	8	99	271	\$25,968	5	13	14	\$0	0	\$0	3	\$3,600	\$3,600	\$29,568
															\$0
Minneapolis - Henry	72	194	55	155	\$37,356	8	15	24	\$0	8	\$1,206	7	\$8,400	\$9,606	\$46,962
Minneapolis - SW			240	644	\$57,892	38	28	27	\$0	3	\$452	6	\$5,971	\$6,423	\$64,315
															\$0
Minnetonka	0	0	55	108	\$11,249	6	22	17	\$0	8	\$1,080	13	\$14,684	\$15,764	\$27,013
															\$0
Robbinsdale- Cooper	5	12	95	231	\$23,269	9	17	15	\$0	6	\$798	15	\$17,872	\$18,670	\$41,939
															\$0
South St. Paul	7	21	99	266	\$26,028	15	16	13	\$0	7	\$825	5	\$6,000	\$6,825	\$32,853
															\$0
St. Louis Park	4	7	130	279	\$29,472	18	18	20	\$0	8	\$840	14	\$16,459	\$17,299	\$46,771
															\$0
St. Paul-Central	37	73	140	347	\$41,874	16	26	17	\$0	4	\$494	10	\$11,325	\$11,819	\$53,693
St. Paul-Harding	129	239	71	137	\$45,975	4	23	14	\$0	8	\$974	10	\$11,904	\$12,878	\$58,853
St. Paul-Highland	37	54	128	275	\$36,680	11	28	25	\$0	7	\$853	15	\$17,869	\$18,722	\$55,402
															\$0
<b>TOTALS</b>	<b>302</b>	<b>623</b>	<b>1,151</b>	<b>2,869</b>	<b>\$349,873</b>	<b>133</b>	<b>243</b>	<b>200</b>	<b>\$11,554</b>	<b>64</b>	<b>\$8,032</b>	<b>108</b>	<b>\$124,974</b>	<b>\$133,006</b>	<b>\$494,433</b>

*Appendix E*

<b>MYP and PYP Schools</b>	<b>Type of Program</b>	<b>Grades Served</b>	<b>Implement Status</b>	<b>Number of Students</b>	<b>Number of Stud in IB</b>	<b>Number of IB Teachers</b>	<b>O of S Teachers</b>	<b>O of S Cost</b>	<b>MN Training</b>	<b>MN Cost</b>	<b>Grand Total</b>
East Metro Integration Dist	MYP	6-10	Candidate	517	517		15	\$9,000			\$9,000
Robbinsdale											
Cooper HS	MYP	9-10	Authorized	1800	110	33	14	\$16,800			\$16,800
Sandburg Middle	MYP	6-8	Authorized	1250	355	36	12	\$14,400			\$14,400
South St. Paul											
So. St. Paul HS	MYP	7-10	Candidate	1500	1026	70	10	\$6,000			\$6,000
Kaposia Elem	PYP	K-6	Candidate	775	775	53	10	\$6,000			\$6,000
Lincoln Center Elem.	PYP	K-6	Candidate	870	870	58	12	\$7,200			\$7,200
St. Louis Park											
Aquila Elem K-2	PYP	PreK-3	Prospectiv e	500	500	37	15	\$9,000			\$9,000
Peter Hobart Elem K-2	PYP	PreK-3	Prospectiv e	520	520	38	16	\$9,600			\$9,600
St. Paul											
Benjamin E. Mays Elem	PYP	K-5	Candidate	360	360	16	15	\$9,000			\$9,000
Highland Park Elem	PYP	K-6	Authorized	360	360	23	7	\$8,400			\$8,400
White Bear Lake											
Centerpoint Elem	PYP	K-5	Prospectiv e	260	260	11	4	\$4,452			\$4,452

TOTALS				8712	5653	375	130	\$99,852	\$0	\$0	\$99,852
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Tables 23 and 24 provide information on the May 2006 Exams in the USA at the state level.

TABLE 23: USA PROFILE OF EXAM ENTRIES BY STATE

	SCHOOLS	NUMBER OF CANDIDATES	NUMBER OF EXAMS	% SCORE 4 OR ABOVE	NUMBER OF DIPLOMA CANDIDATES	NUMBER OF DIPLOMAS AWARDED	% DIPLOMAS PASS RATES
ALABAMA	4	238	694	-	-	-	-
ALASKA	2	89	183	-	-	-	-
ARIZONA	8	495	1,269	85	164	132	80
ARKANSAS	3	184	420	-	-	-	-
CALIFORNIA	64	5,588	13,198	77	1,504	1,031	69
COLORADO	18	1,779	51,16	87	771	621	81
CONNECTICUT	3	120	321	-	-	-	-
DELAWARE	2	131	342	-	-	-	-
DISTRICT OF COLUMBIA	3	112	579	-	-	-	-
FLORIDA	42	6,454	21,304	84	3,416	2,671	78
GEORGIA	20	1,070	3,242	68	457	255	56
HAWAII	1	88	181	-	-	-	-
IDAHO	1	5	30	-	-	-	-
ILLINOIS	16	897	2,367	63	332	138	42
INDIANA	7	222	649	77	91	76	84
KANSAS	4	361	967	-	-	-	-
KENTUCKY	4	315	667	-	-	-	-
LOUISIANA	1	54	154	-	-	-	-
MARYLAND	15	1,423	3,413	80	421	329	78
MASSACHUSETTS	4	144	439	-	-	-	-
MICHIGAN	4	393	1,306	-	-	-	-
MINNESOTA	11	1,478	3,071	67	171	127	74
MISSISSIPPI	1	100	287	-	-	-	-
MISSOURI	8	608	1,319	82	138	101	73
MONTANA	1	61	109	-	-	-	-
NEBRASKA	1	46	130	-	-	-	-
NEVADA	3	191	485	-	-	-	-
NEW JERSEY	8	579	1,496	83	194	151	78
NEW MEXICO	1	140	629	-	-	-	-
NEW YORK	30	3,228	7,944	76	802	560	70
NORTH CAROLINA	21	1,544	4,225	69	473	290	61
OHIO	11	600	1,226	73	107	84	79
OKLAHOMA	2	193	617	-	-	-	-
OREGON	13	1,390	3,121	83	332	266	80
PENNSYLVANIA	11	566	1,171	81	108	82	76
RHODE ISLAND	1	67	125	-	-	-	-
SOUTH CAROLINA	22	1,016	2,441	70	278	163	59
TENNESSEE	5	241	504	-	-	-	-
TEXAS	27	1,873	5,230	79	664	480	72
UTAH	4	335	866	-	-	-	-
VIRGINIA	33	4,360	10,763	79	910	703	77
WASHINGTON	13	1,310	3,254	82	307	245	80
WEST VIRGINIA	1	89	138	-	-	-	-
WISCONSIN	6	393	1,024	62	95	43	45
WYOMING	2	76	332	-	-	-	-

\* Note that performance information for states with five or fewer schools has been omitted for privacy purposes.



## Appendix G

### ANNUAL AP PROGRAM PARTICIPATION FOR THE STATE OF MINNESOTA

<u>Year</u>	<u>Schools</u>	<u>Students</u>	<u>Examinations</u>	<u>Colleges</u>
1969	36	498	591	20
1970	30	435	510	25
1971	33	407	456	23
1972	30	324	373	23
1973	35	345	394	24
1974	38	316	364	22
1975	27	303	346	25
1976	35	417	461	29
1977	42	448	527	26
1978	43	494	590	28
1979	45	581	698	29
1980	52	609	767	27
1981	55	767	935	29
1982	52	814	1,029	31
1983	53	889	1,067	32
1984	61	1,286	1,589	31
1985	80	1,596	2,046	32
1986	87	1,970	2,483	33
1987	105	2,522	3,068	35
1988	114	2,852	3,653	37
1989	125	3,147	4,027	41
1990	135	3,107	4,057	45
1991	149	3,425	4,306	43
1992	147	3,830	4,847	45
1993	165	4,434	5,794	50
1994	167	4,890	6,491	52
1995	193	7,278	9,401	54
1996	201	8,465	11,169	59
1997	205	9,369	12,641	54
1998	208	11,041	16,151	61
1999	217	11,893	17,870	62
2000	215	13,018	19,577	68
2001	231	14,839	23,015	68
2002	238	16,011	24,578	69
2003	250	16,640	25,343	73
2004	251	17,437	27,007	75
2005	270	18,902	29,480	72
2006	278	22,469	35,821	75
		<b>208,068</b>	<b>*</b>	<b>303,522</b>

\* This number is slightly inflated because some candidates take exams in more than one year.

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**Table 1:** *AP Participation and Performance in Public Schools*

State	Percentage of Students Scoring 3 or Higher on an AP Exam During High School Years <sup>a</sup>		Change: 2000 to 2006
	High School Class of 2000	High School Class of 2006	
Alabama	3.9	5.7	1.8
Alaska	10.1	12.6	2.5
Arizona	7.2	9.4	2.2
Arkansas	4.3	9.8	5.5
California	15.0	20.1	5.1
Colorado	12.2	17.9	5.7
Connecticut	13.6	19.4	5.8
Delaware	7.6	14.5	6.9
District of Columbia	6.6	9.6	3.0
Florida	13.5	19.6	6.1
Georgia	9.7	14.8	5.1
Hawaii	5.8	7.6	1.8
Idaho	6.5	9.7	3.2
Illinois	9.9	15.1	5.2
Indiana	6.0	9.2	3.2
Iowa	4.9	7.8	2.9
Kansas	4.4	7.7	3.3
Kentucky	5.5	9.4	3.9
Louisiana	1.9	2.3	0.4
Maine	10.1	14.4	4.3
Maryland	14.1	22.0	7.9
Massachusetts	14.5	19.8	5.3
Michigan	8.8	12.2	3.4
Minnesota	8.1	12.4	4.3
Mississippi	2.3	3.5	1.2
Missouri	3.7	6.3	2.6
Montana	6.8	10.0	3.2
Nebraska	3.2	5.8	2.6
Nevada	9.1	13.3	4.2
New Hampshire	9.2	13.6	4.4
New Jersey	12.9	16.6	3.7
New Mexico	6.1	9.0	2.9
New York	17.9	22.7	4.8
North Carolina	11.3	18.0	6.7
North Dakota	4.4	6.8	2.4
Ohio	7.1	10.5	3.4
Oklahoma	5.4	9.6	4.2
Oregon	7.1	10.4	3.3
Pennsylvania	8.3	11.1	2.8
Rhode Island	6.9	8.4	1.5
South Carolina	10.0	12.5	2.5
South Dakota	5.9	9.4	3.5
Tennessee	6.2	9.5	3.3
Texas	9.9	14.6	4.7
Utah	17.4	20.8	3.4
Vermont	11.5	16.3	4.8
Virginia	15.9	20.7	4.8
Washington	7.6	14.1	6.5
West Virginia	4.6	6.4	1.8
Wisconsin	10.5	15.8	5.3
Wyoming	3.8	6.6	2.8
Nation	10.2	14.8	4.6

# Appendix I

## AP EXAMINATION VOLUME BY REGION

	1996	% Chg	1997	% Chg	1998	% Chg	1999	% Chg	2000	% Chg	2001	% Chg	2002	% Chg	2003	% Chg	2004	% Chg	2005	% Chg	2006
<b>MIDDLE STATES</b>																					
Delaware	2,600	12%	2,911	6%	3,073	11%	3,405	7%	3,639	13%	4,130	15%	4,730	8%	5,123	13%	5,764	27%	7,317	12%	8,220
Dist. of Columbia	2,675	4%	2,781	9%	3,038	6%	3,233	17%	3,791	12%	4,256	8%	4,607	4%	4,798	3%	4,930	5%	5,199	13%	5,888
Maryland	21,445	9%	23,298	10%	25,542	13%	28,962	13%	32,606	15%	37,368	20%	45,013	19%	53,363	15%	61,620	11%	68,533	12%	76,774
New Jersey	31,720	6%	33,754	6%	35,780	14%	40,828	6%	43,376	8%	47,031	9%	51,365	7%	55,011	8%	59,545	9%	64,682	8%	69,819
New York	88,922	8%	95,715	10%	105,751	8%	114,259	8%	123,103	7%	131,438	8%	142,083	6%	149,968	5%	157,568	6%	167,032	7%	179,181
Pennsylvania	29,442	9%	32,098	8%	34,682	13%	39,224	10%	43,164	6%	45,924	10%	50,477	2%	51,667	9%	56,520	7%	60,736	5%	63,793
	176,804	8%	190,557	9%	207,866	11%	229,911	9%	249,679	8%	270,147	10%	298,275	7%	319,930	8%	345,947	8%	373,499	8%	403,675
<b>MIDWESTERN</b>																					
Illinois	36,692	6%	39,065	7%	41,904	10%	46,160	12%	51,741	9%	56,503	13%	63,612	9%	69,529	5%	73,150	8%	79,257	12%	88,801
Indiana	14,263	-8%	13,132	5%	13,844	5%	14,488	9%	15,804	3%	16,352	10%	17,914	15%	20,571	13%	23,326	24%	28,821	3%	29,807
Iowa	4,112	13%	4,647	5%	4,874	8%	5,241	7%	5,591	7%	5,995	10%	6,565	18%	7,721	6%	8,192	10%	8,966	9%	9,833
Kansas	3,348	4%	3,473	11%	3,842	11%	4,253	14%	4,856	7%	5,204	9%	5,693	11%	6,332	8%	6,854	16%	7,959	11%	8,842
Michigan	21,815	13%	24,702	9%	26,940	11%	29,885	11%	33,074	10%	36,335	9%	39,636	7%	42,592	5%	44,652	8%	48,312	7%	51,795
Minnesota	11,169	13%	12,641	28%	16,151	11%	17,870	10%	19,577	18%	23,015	7%	24,578	3%	25,343	7%	27,007	9%	29,480	22%	35,821
Missouri	6,512	6%	6,913	12%	7,745	13%	8,775	14%	10,003	18%	11,757	17%	13,698	10%	15,121	8%	16,269	13%	18,407	5%	19,286
Nebraska	2,036	15%	2,337	5%	2,448	-9%	2,235	5%	2,349	8%	2,545	13%	2,864	-7%	2,656	23%	3,270	20%	3,920	22%	4,769
North Dakota	606	-11%	537	42%	763	13%	859	14%	983	11%	1,093	19%	1,302	-1%	1,291	-1%	1,279	11%	1,422	8%	1,540
Ohio	25,533	8%	27,650	9%	30,274	10%	33,272	8%	35,998	10%	39,558	12%	44,344	9%	48,225	8%	52,079	7%	55,702	8%	60,275
South Dakota	884	32%	1,165	32%	1,536	7%	1,637	19%	1,949	8%	2,102	10%	2,302	10%	2,539	17%	2,963	4%	3,085	0%	3,092
West Virginia	3,257	3%	3,340	-3%	3,224	3%	3,305	12%	3,710	2%	3,784	11%	4,184	15%	4,791	-1%	4,790	2%	4,840	16%	5,621
Wisconsin	13,787	13%	15,640	13%	17,751	8%	19,146	13%	21,697	9%	23,729	9%	25,785	10%	28,425	10%	31,404	7%	33,524	10%	36,842
	144,014	8%	155,242	10%	171,296	9%	187,126	11%	207,332	10%	227,972	11%	252,477	9%	275,136	7%	295,195	10%	323,715	10%	356,324
<b>NEW ENGLAND</b>																					
Connecticut	12,824	12%	14,345	13%	16,164	15%	18,645	13%	21,079	11%	23,356	10%	25,710	7%	27,566	8%	29,634	9%	32,380	6%	34,383
Maine	3,263	22%	3,968	-5%	3,788	18%	4,463	8%	4,839	13%	5,466	11%	6,050	11%	6,735	10%	7,408	10%	8,113	7%	8,714
Massachusetts	24,209	13%	27,313	7%	29,224	11%	32,350	9%	36,214	10%	38,790	8%	41,930	9%	45,823	6%	48,661	7%	52,108	8%	56,084
New Hampshire	3,515	6%	3,738	12%	4,172	10%	4,577	8%	4,921	6%	5,205	5%	5,449	8%	5,904	7%	6,344	5%	6,686	13%	7,559
Rhode Island	2,516	6%	2,665	8%	2,868	11%	3,177	10%	3,501	6%	3,699	14%	4,219	-4%	4,048	13%	4,577	12%	5,113	9%	5,580
Vermont	1,616	11%	1,801	18%	2,123	18%	2,506	1%	2,530	11%	2,809	9%	3,075	9%	3,360	7%	3,608	8%	3,914	13%	4,434
	47,943	12%	53,830	8%	58,339	13%	65,718	10%	72,064	10%	79,325	9%	86,433	8%	93,436	7%	100,232	8%	108,314	8%	116,754
<b>SOUTHERN</b>																					
Alabama	9,516	1%	9,579	-6%	8,982	-2%	8,782	-4%	8,416	4%	8,779	11%	9,727	7%	10,453	2%	10,625	12%	11,909	7%	12,728
Florida	54,876	8%	59,358	6%	62,955	12%	70,346	11%	78,222	13%	88,348	18%	104,061	21%	126,367	11%	140,297	14%	160,584	15%	184,933
Georgia	18,536	14%	21,163	20%	25,365	18%	29,911	11%	33,179	12%	37,092	15%	42,748	9%	46,458	5%	48,658	20%	58,352	21%	70,401
Kentucky	8,310	7%	8,857	7%	9,519	8%	10,293	15%	11,830	9%	12,853	11%	14,224	16%	16,447	12%	18,348	8%	19,747	13%	22,349
Louisiana	4,188	8%	4,512	6%	4,762	6%	5,039	4%	5,234	6%	5,531	6%	5,854	5%	6,166	9%	6,644	6%	7,060	6%	7,929
Mississippi	3,604	4%	3,754	2%	3,839	13%	4,331	-12%	3,816	8%	4,121	5%	4,338	-2%	4,233	11%	4,688	26%	5,910	20%	7,065
North Carolina	24,595	6%	26,148	7%	28,074	22%	34,169	-9%	37,337	12%	41,880	18%	49,375	13%	55,678	11%	61,526	14%	70,026	9%	76,578
South Carolina	14,994	3%	15,386	6%	16,369	3%	16,803	-1%	16,570	2%	16,888	11%	18,750	5%	19,765	3%	20,371	12%	22,850	6%	24,137
Tennessee	11,520	3%	11,870	9%	12,932	11%	14,376	3%	14,788	8%	15,710	11%	17,433	10%	19,246	9%	21,017	11%	23,243	10%	25,585
Texas	33,683	10%	36,883	7%	39,449	24%	49,061	5%	51,275	9%	56,144	11%	62,363	6%	65,933	8%	71,009	13%	80,583	12%	90,464
Virginia	183,822	7%	197,510	7%	212,246	15%	243,111	7%	260,667	10%	287,346	14%	328,873	13%	370,746	9%	403,183	14%	460,254	13%	521,169
<b>SOUTHWESTERN</b>																					
Arkansas	2,838	24%	3,510	19%	4,181	22%	5,116	15%	5,871	13%	6,648	14%	7,584	13%	8,590	29%	11,112	108%	23,140	11%	25,780
New Mexico	3,568	0%	3,560	6%	3,791	24%	4,683	12%	5,249	18%	6,216	13%	7,008	9%	7,666	11%	8,532	11%	9,505	9%	10,322
Oklahoma	4,564	15%	5,265	32%	6,963	23%	8,581	16%	9,958	21%	12,037	20%	14,433	16%	16,725	4%	17,461	10%	19,138	8%	20,730
Texas	52,156	19%	62,318	19%	74,192	19%	88,485	22%	107,640	17%	125,785	15%	144,060	14%	164,804	11%	183,130	12%	204,403	10%	224,168
	63,126	18%	74,653	19%	89,127	20%	106,865	20%	128,718	17%	150,686	15%	173,085	14%	197,785	11%	220,235	16%	256,186	10%	281,000
<b>WESTERN</b>																					
Alaska	1,768	3%	1,822	40%	2,542	4%	2,642	8%	2,842	-2%	2,783	8%	2,996	6%	3,184	2%	3,252	13%	3,687	11%	4,100
Arizona	9,863	3%	10,158	3%	10,449	8%	11,325	7%	12,137	16%	14,049	15%	16,202	10%	17,892	9%	19,590	18%	23,087	16%	26,791
California	144,905	8%	156,866	12%	175,182	16%	203,523	13%	229,310	13%	259,901	12%	291,945	9%	317,872	8%	344,089	11%	381,015	6%	405,711
Colorado	10,666	11%	11,874	16%	13,757	17%	16,040	15%	18,420	11%	20,426	11%	22,760	16%	26,383	14%	30,144	12%	33,764	13%	38,018
Hawaii	3,858	11%	4,281	8%	4,618	9%	5,056	5%	5,304	4%	5,514	13%	6,225	3%	6,426	2%	6,584	7%	7,058	11%	7,815
Idaho	1,716	30%	2,226	14%	2,546	16%	2,941	10%	3,223	16%	3,740	2%	3,821	12%	4,296	12%	4,821	16%	5,599	10%	6,152
Montana	1,572	2%	1,602	16%	1,856	17%	2,170	4%	2,249	5%	2,368	17%	2,763	17%	3,029	7%	3,250	17%	3,599	1%	3,288
Nevada	3,421	4%	3,559	22%	4,359	17%	5,080	8%	5,474	11%	6,056	16%	7,023	8%	8,968	3%	9,268	11%	10,311	12%	12,452
Oregon	4,662	18%	5,513	11%	6,126	4%	6,396	13%	7,237	15%	8,326	6%	9,244	4%	10,251	5%	11,252	5%	12,452	2%	13,005
Utah	16,714	10%	18,449	2%	18,796	2%	19,132	3%	19,641	2%	20,044	2%	20,444	15%	22,172	5%	23,252	5%	24,528	2%	25,127
Washington	8,957	21%	10,861	14%	12,370	19%	14,685	17%	17,241	18%	20,352	21%	24,657	15%	28,378	12%	31,815	12%	35,704	15%	41,132
Wyoming	518	-11%	460	4%	477	45%	693	11%	766	45%	1,111	12%	1,245	7%	1,331	-12%	1,174	16%	1,365	8%	1,472
	208,620	9%	227,671	11%	253,078	14%	289,683	12%	323,844	13%	364,670	12%	409,856	9%	448,174	9%	487,908	11%	543,077	8%	587,116
<b>National Total*</b>	824,329	9%	899,463	10%	991,952	13%	1,122,414	11%	1,242,324	11%	1,380,146	12%	1,548,999	10%	1,705,207	9%	1,852,700	11%	2,065,045	10%	2,266,038
Canada	7,595	0%	7,590	8%	8,231	5%	8,630	10%	9,465	9%	10,307	10%	11,								



TABLE 24: USA GROWTH IN NUMBER OF EXAMS

	2001	%CHNG	2002	%CHNG	2003	%CHNG	2004	%CHNG	2005	%CHNG	2006	%CHNG
ALABAMA	650	12	601	-8	680	13	624	-8	744	19	694	-7
ALASKA	8	100	33	313	52	58	71	37	122	72	183	50
ARIZONA	743	8	1,065	43	1,125	6	1,104	-2	1,272	15	1,269	0
ARKANSAS	0	0	36	100	215	497	234	9	387	65	420	9
CALIFORNIA	7,328	22	8,102	11	8,743	8	9,938	14	11,236	13	13,198	17
COLORADO	3,299	14	3,212	-3	4,108	28	4,560	11	4,553	0	5,116	12
CONNECTICUT	0	0	8	100	127	488	201	58	203	1	321	58
DELAWARE	0	0	0	0	0	0	42	100	203	383	342	68
DISTRICT OF COLUMBIA	339	6	348	3	349	0	500	43	436	-13	579	33
FLORIDA	13,893	12	15,584	12	16,297	5	17,970	10	20,190	12	21,304	6
GEORGIA	1,510	19	2,150	42	2,170	1	2,517	16	2,974	18	3,242	9
HAWAII	102	-39	120	18	81	-33	116	43	131	13	181	38
IDAHO	0	0	0	0	0	0	0	0	0	0	30	100
ILLINOIS	1,317	58	1,716	30	1,797	5	1,873	4	2,091	12	2,367	13
INDIANA	229	3	215	-6	295	37	322	9	419	30	649	55
KANSAS	824	-3	899	9	971	8	1,005	4	903	-10	967	7
KENTUCKY	522	49	456	-13	545	20	587	8	715	22	667	-7
LOUISIANA	0	0	12	100	144	100	128	-11	128	0	154	20
MARYLAND	1,989	16	2,109	6	2,248	7	2,431	8	2,885	19	3,413	18
MASSACHUSETTS	0	0	20	100	156	680	145	-7	274	89	439	60
MICHIGAN	1,029	39	963	-6	1,169	21	1,018	-13	1,171	15	1,306	12
MINNESOTA	2,106	5	2,584	23	2,563	-1	2,734	7	2,775	1	3,071	11
MISSISSIPPI	127	-26	167	31	184	10	279	52	202	-28	287	42
MISSOURI	663	-1	676	2	741	10	1,057	43	1,160	10	1,319	14
MONTANA	0	0	0	0	0	0	0	0	25	100	109	336
NEBRASKA	0	0	0	0	36	100	121	236	130	7	130	0
NEVADA	312	-24	351	13	475	35	504	6	423	-16	485	15
NEW JERSEY	290	-14	428	48	545	27	893	64	1,285	44	1,496	16
NEW MEXICO	583	2	585	0	534	-9	630	18	600	-5	629	5
NEW YORK	2,365	10	2,753	16	3,644	32	4,993	37	6,435	29	7,944	23
NORTH CAROLINA	2,255	5	2,581	14	3,041	18	3,411	12	4,058	19	4,225	4
OHIO	629	12	525	-17	458	-13	671	47	820	22	1,226	50
OKLAHOMA	480	21	473	-1	414	-12	491	19	513	4	617	20
OREGON	1,162	17	1,925	66	2,135	11	2,639	24	2,800	6	3,121	11
PENNSYLVANIA	557	-9	854	53	1,044	22	1,138	9	1,110	-2	1,171	5
RHODE ISLAND	128	11	125	-2	130	4	140	8	167	19	125	-25
SOUTH CAROLINA	1,012	35	1,371	35	1,715	25	1,965	15	2,202	12	2,441	11
TENNESSEE	0	0	0	0	37	100	152	311	286	88	504	76
TEXAS	2,424	-1	3,227	33	3,674	14	4,362	19	4,372	0	5,230	20
UTAH	388	14	462	19	380	-18	421	11	619	47	866	40
VIRGINIA	6,010	27	8,047	34	9,751	21	9,607	-1	10,403	8	10,763	3
WASHINGTON	1,887	9	2,078	10	2,204	6	2,246	2	2,746	22	3,254	18
WEST VIRGINIA	93	100	102	10	110	8	84	-24	64	-24	138	116
WISCONSIN	529	14	725	37	802	11	934	16	912	-2	1024	12
WYOMING	0	0	4	100	162	950	332	105	330	-1	332	1

# Appendix K

## COLLEGE REPORT OF AP EXAMINATIONS 2005-2006 (BY STATE)

State	Total Colleges Receiving AP Grades		Total AP Exams To Colleges		Total Students To Colleges		* In-State and Out-Of-State Attendance Patterns *							
	2005	2006	In State		In State		Remaining In State		Entering The State Num	Leaving The State		Students Entering Compared To Leaving		
			2005	2006	2005	2006	Num	%		Num	%	To Leaving		
Alabama	54	55	8,857	9,685	5,497	5,985	3,405	73	2,580	1,229	27	1,351		
Alaska	15	16	776	880	493	544	372	34	172	727	66	-555		
Arizona	35	36	14,746	15,567	8,483	8,879	6,136	73	2,743	2,248	27	495		
Arkansas	36	36	12,212	13,808	7,164	8,246	7,096	77	1,150	2,155	23	-1,005		
California	282	280	196,542	198,274	96,369	97,041	86,041	85	11,000	15,101	15	-4,101		
Colorado	50	53	18,890	20,436	10,778	11,813	7,859	65	3,954	4,303	35	-349		
Connecticut	48	45	13,062	12,495	6,449	6,320	2,455	31	3,865	5,486	69	-1,621		
Delaware	13	11	4,695	4,525	2,360	2,334	1,053	48	1,281	1,160	52	121		
District of Columbia	92	101	12,567	13,104	5,449	5,660	132	12	5,528	1,012	88	4,516		
Florida	123	124	78,369	80,155	40,570	41,135	35,646	82	5,489	8,082	18	-2,593		
Georgia	100	95	35,911	40,006	19,965	21,968	16,732	72	5,236	6,429	28	-1,193		
Hawaii	17	16	2,887	2,739	1,866	1,817	882	35	935	1,674	65	-739		
Idaho	12	11	3,547	3,981	2,339	2,675	1,257	51	1,418	1,187	49	231		
Illinois	167	164	42,444	43,771	21,355	22,328	16,079	62	6,249	9,893	38	-3,644		
Indiana	69	68	27,586	28,930	14,696	15,341	8,380	78	6,961	2,430	22	4,531		
Iowa	61	60	8,109	8,652	4,916	5,219	2,730	72	2,489	1,066	28	1,423		
Kansas	47	48	4,405	4,671	2,841	3,074	2,141	65	933	1,131	35	-198		
Kentucky	52	52	11,526	12,442	7,024	7,552	6,102	76	1,450	1,947	24	-497		
Louisiana	30	29	8,470	5,579	4,768	3,498	1,974	70	1,524	837	30	687		
Maine	31	29	3,905	3,892	2,049	2,113	1,015	39	1,098	1,561	61	-463		
Maryland	60	69	26,830	27,509	13,090	13,429	8,990	50	4,439	9,066	50	-4,627		
Massachusetts	108	110	49,277	48,598	22,567	22,528	7,220	51	15,308	6,912	49	8,396		
Michigan	91	89	36,342	36,201	20,635	21,072	17,483	83	3,589	3,599	17	-10		
Minnesota	72	75	14,727	16,164	8,604	9,330	5,901	57	3,429	4,383	43	-954		
Mississippi	35	34	4,440	4,656	2,845	3,001	2,249	72	752	865	28	-113		
Missouri	77	74	14,047	14,063	7,101	7,334	3,781	61	3,553	2,419	39	1,134		
Montana	15	14	2,298	2,196	1,420	1,410	844	57	566	629	43	-63		
Nebraska	34	32	2,938	3,377	1,769	2,081	1,217	64	864	673	36	191		
Nevada	10	11	4,494	4,689	2,509	2,666	2,272	56	394	1,779	44	-1,385		
New Hampshire	23	25	4,482	4,753	2,167	2,388	599	26	1,789	1,725	74	64		
New Jersey	96	102	15,746	16,333	8,069	8,516	6,257	37	2,259	10,660	63	-8,401		
New Mexico	22	23	4,258	4,074	2,614	2,504	2,115	61	389	1,350	39	-961		
New York	261	260	81,122	81,043	41,665	41,449	24,049	66	17,400	12,375	34	5,025		
North Carolina	126	126	52,526	52,235	26,304	26,268	19,143	82	7,125	4,275	18	2,850		
North Dakota	12	14	1,318	1,428	924	979	374	53	605	331	47	274		
Ohio	127	127	33,283	35,966	19,119	20,505	15,189	71	5,316	6,130	29	-814		
Oklahoma	45	46	12,788	12,959	7,096	7,326	5,460	79	1,866	1,480	21	386		
Oregon	49	46	8,467	8,909	5,030	5,335	2,925	60	2,410	1,973	40	437		
Pennsylvania	178	176	50,399	51,826	25,748	26,732	13,757	67	12,975	6,711	33	6,264		
Rhode Island	11	14	6,444	7,416	3,174	3,608	436	34	3,172	828	66	2,344		
South Carolina	58	60	18,903	18,932	10,424	10,661	6,983	78	3,678	1,913	22	1,765		
South Dakota	16	14	1,664	1,555	1,065	1,002	722	56	280	571	44	-291		
Tennessee	67	66	15,800	15,930	8,927	9,359	5,845	64	3,514	3,227	36	287		
Texas	177	176	109,158	113,185	56,135	58,185	54,050	80	4,135	13,551	20	-9,416		
Utah	13	14	23,577	23,463	13,166	13,318	8,505	87	4,813	1,287	13	3,526		
Vermont	20	21	3,611	3,865	1,930	2,075	445	33	1,630	912	67	718		
Virginia	88	92	42,810	43,459	20,812	20,908	14,724	69	6,184	6,748	31	-564		
Washington	61	61	18,669	19,855	10,875	11,455	8,341	69	3,114	3,810	31	-696		
West Virginia	24	26	3,533	4,162	2,384	2,722	1,732	74	990	601	26	389		
Wisconsin	69	70	23,427	24,572	13,782	14,291	10,875	72	3,416	4,264	28	-848		
Wyoming	10	11	793	871	533	591	330	53	261	289	47	-28		
TOTAL (U.S.)	3,389	3,407	1,197,677	1,227,836	627,914	646,570	460,300	71	186,270	184,994	29	1,276		
NON-U.S./U.S. TERR/CAN	228	231	12,461	14,033	7,071	7,996	3,569	38	4,427	5,703	62	-1,276		
GRAND TOTAL	3,617	3,638	1,210,138	1,241,869	634,985	654,566	463,869	71	190,697	190,697	29	0		



## Appendix L

IN-STATE COLLEGES RECEIVING THE GREATEST NUMBER OF AP GRADES FOR STUDENTS FROM THE STATE OF MINNESOTA			
COLLEGE CODE	COLLEGE NAME	TOTAL CANDIDATES	TOTAL GRADES
6874	UNIV MINNESOTA TWIN CITIES	1,908	3,511
6873	UNIV MINNESOTA DULUTH	478	691
6110	UNIVERSITY OF ST THOMAS	360	624
6679	ST CLOUD STATE UNIVERSITY	308	424
6624	ST JOHNS UNIV MN	307	517
6638	ST OLAF COLLEGE	252	508
6677	MINNESOTA ST UNIV, MANKATO	243	321
6253	GUSTAVUS ADOLPHUS COLLEGE	211	394
6680	WINONA STATE UNIVERSITY	189	250
6038	BETHEL COLLEGE MN	152	252
6113	CONCORDIA COLLEGE MOORHEAD	147	244
6890	UNIV OF MINNESOTA MORRIS	118	226
6265	HAMLIN UNIVERSITY	115	187
6489	NORTHWESTERN COLLEGE MN	91	127
6107	COLL OF ST SCHOLASTICA	78	101
6081	CARLETON COLLEGE	76	199
6676	BEMIDJI STATE UNIVERSITY	76	108
6678	MINNESOTA STATE UNIV-MOORHEAD	76	100
6105	COLLEGE ST CATHERINE	70	110
6014	AUGSBURG COLLEGE	65	95
6390	MACALESTER COLLEGE	59	120
6632	SAINT MARY'S UNIVERSITY OF MN	43	61
6035	BETHANY LUTHERAN COLLEGE	40	48
6024	ANOKA-RAMSEY CMTY COLLEGE	36	42
6501	NORMANDEALE CMTY COLLEGE	35	51
6434	MINNEAPOLIS CMTY COLLEGE	27	32
6388	CENTURY CMTY COLLEGE	25	33
6498	NORTH HENNEPIN CMTY COLLEGE	25	33
6703	SOUTHWEST STATE UNIVERSITY	25	32
51	NORTH CENTRAL UNIVERSITY	22	34
6114	CONCORDIA UNIVERSITY ST PAUL	22	30
6893	UNIV MINNESOTA MN, CROOKSTON	22	30

THERE WERE 36 COLLEGES DESIGNATED TO RECEIVE 22 OR FEWER AP CANDIDATES

## Appendix L

### OUT-OF-STATE COLLEGES RECEIVING THE GREATEST NUMBER OF AP GRADES FOR STUDENTS FROM THE STATE OF MINNESOTA

COLLEGE CODE	COLLEGE NAME	TOTAL CANDIDATES	TOTAL GRADES
1846	UNIV WISC MADISON	466	979
6474	NORTH DAKOTA ST UNIVERSITY	200	311
6306	IOWA STATE UNIVERSITY	169	299
6878	UNIVERSITY NORTH DAKOTA	158	231
1913	UNIV WISC EAU CLAIRE	140	241
1918	UNIV WISC RIVER FALLS	120	169
1914	UNIV WISC LA CROSSE	118	166
6375	LUTHER COLLEGE	90	155
1740	UNIV WISC STOUT/MENOMONIE	77	110
6168	DRAKE UNIVERSITY	68	139
1841	UNIV NOTRE DAME	67	194
1464	MICHIGAN TECH UNIVERSITY	63	124
1565	NORTHWSTRN UNIVERSITY	60	118
6681	UNIVERSITY OF IOWA	59	107
6653	SOUTH DAKOTA STATE UNIVERSITY	56	83
4019	BRIGHAM YOUNG UNIV UT	42	83
1839	UNIV MICHIGAN ANN ARBOR	40	96
4007	ARIZONA STATE UNIVERSITY	40	65
1448	MARQUETTE UNIVERSITY	39	80
6015	AUGUSTANA COLL	39	64
3083	BOSTON COLLEGE	34	87
2562	NEW YORK UNIVERSITY	31	83
3514	MASS INSTITUTE TECHNOLOGY	31	72
1631	PURDUE UNIV WEST LAFAYETTE	30	57
3434	HARVARD UNIVERSITY	29	72
4852	UNIV SOUTHERN CALIFORNIA	29	52
4841	UNIV OF COLORADO @ BOULDER	29	46
4842	UNIV DENVER	28	53
1473	UNIV WISC MILWAUKEE	27	48
6121	CREIGHTON UNIVERSITY	27	44
1165	DEPAUL UNIVERSITY	27	40
4704	STANFORD UNIVERSITY	26	60

THERE WERE 568 COLLEGES DESIGNATED TO RECEIVE 23OR FEWER AP CANDIDATES

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