



**Advanced  
Placement  
And  
International  
Baccalaureate  
Programs**

**March 2010**

**FY 2009  
Report  
To the  
Legislature**

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

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

**FY 2009  
Report  
To the  
Legislature**

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available in alternate formats.**

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

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**2009**  
**LEGISLATIVE REPORT ON**  
**ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS**  
**AS REQUIRED IN MINNESOTA STATUTE SECTION 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: \$7,877.59.

## EXECUTIVE SUMMARY

### ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS

Minnesota Advanced Placement (AP) and International Baccalaureate (IB) Programs meet the intent of the legislation (Appendix A, *Minn. Stat. § 120B.13*) through rigorous and challenging academic courses in AP high schools, the IB Diploma Program (DP), and Pre-AP and IB Middle Year Program (MYP) and Primary Year Programs (PYP). In 2009 AP and IB programs were in place in schools throughout Minnesota. (Appendix B, 2009 Advanced Placement Public Schools Participation Costs) (Appendix C, 2008 Advanced Placement Non-Public Schools Participation Costs) (Appendix E, 2009 International Baccalaureate Schools Participation Costs) and (Appendix F, 2009 IB Schools: DP, MYP, and PYP)

Schools, families, and students interested in programs can visit the Minnesota Department of Education's (MDE) Website and explore the College and Career Readiness page which includes links and information on Advanced Placement and International Baccalaureate designed to give Minnesota students the chance to enhance their high school education while earning college credits.

[http://education.state.mn.us/MDE/Academic\\_Excellence/College\\_Career\\_Read/index.html](http://education.state.mn.us/MDE/Academic_Excellence/College_Career_Read/index.html)

Teacher training is a critical component to student success. In support of Advanced Placement, the Minnesota Department of Education (MDE) has worked closely with Augsburg College and Carleton College Summer Programs to facilitate in-depth training for AP teachers. In the summer of FY 2009, Carleton trained 252 teachers and Augsburg trained 194 teachers. Fourteen AP teachers received out-of-state training. Scholarships of \$600 per event were provided for in-state training and up to \$1,000 for out-of-state training for a total of \$340,699.00. In addition, 603 teachers attended workshops at the University of Minnesota through AP support program expenditures of \$105,525.

Legislative support of IB teacher training is conducted in coordination with the International Baccalaureate Organization (IBO) and the Minnesota Association of IB World Schools (MAIB) and the MDE. IB teacher training is primarily offered at out-of-state sites. During 2009, out-of-state IB training was attended by 579 teachers and 241 teachers attended an assortment of in-state trainings, workshops, roundtables, as well as online training. Reimbursement for out-of state trainings was \$1,250 and in total, schools were reimbursed \$749,586 for all types of available teacher training both in and out of state. IB workshops and networking sessions in Minnesota were attended by 221 teachers and were coordinated and offered by the Minnesota Association of IB World Schools through the International Baccalaureate.

AP and IB exam fees for public and non-public students were subsidized by legislative action. Specific direction was given to pay all exam fees for low-income students. In 2009, \$3,128,214 was paid out for exam fees for 30,392 students taking 49,497 exams and IB exams fees totaled \$542,741 for 2,196 students taking 4549 exams.

The budget for FY 2009 was \$4,500,000. Expenditures for teacher training were \$1,113,390; exam fees \$3,670,955; and support programs \$129,930 for total expenditures for FY 2009 to \$4,831,291.

## **Part I**

### **Overview of Advanced Placement and International Baccalaureate Programs**

#### **A. Legislation**

“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 B, 2008 Advanced Placement Public Schools Participation Costs) (Appendix C, 2008 Advanced Placement Non-Public Schools Participation Costs) (Appendix D, 2008 International Baccalaureate Schools Participation Costs) and (Appendix E, 2008 IB Schools)

Minnesota’s Advanced Placement (AP) and International Baccalaureate (IB) programs comply with the intent of the legislation through rigorous and challenging academic courses in AP high schools, the IB Diploma Program (DP), and Pre-AP and IB Middle Year Program (MYP) and Primary Year Programs (PYP). In 2009, AP and IB programs have continued to grow in schools throughout Minnesota.

#### **B. Appropriations**

State funding for the AP and IB programs was initiated in 1992, with \$300,000 distributed to the first recipients in FY 1993. Initial funding supported subsidies for exam fees for low-income public school students, teacher training and support. In 1994 – 1995 the funding was increased to \$750,000 each year for a total of \$1,500,000. The funded categories were expanded to include exam fees for all students in FY 1994. Training scholarships were expanded to non-public teachers in FY 1998.

In 2008-2009, the legislature appropriated \$4,500,000 each year with \$500,000 each year to be used across both AP and IB programs for teacher training and the remaining \$4,000,000 to be distributed at 75 percent for AP and 25 percent for IB. These dollars fund the costs of exam fees with the remaining funds covering teacher training. The MDE was directed to work in consultation with the Minnesota AP Advisory Council and the IB Minnesota Association Board to determine the manner in which the allocated funding would be distributed.

#### **C. Program Descriptions**

##### **1. Advanced Placement Program (AP)**

In 2009, AP programs were in place in schools throughout Minnesota (Appendix B and C). 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 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. 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. Colleges award credit and/or placement into

higher-level college courses so that college entrants can move directly into the courses that match their level of academic preparation.

Minnesota is in its 18<sup>th</sup> year of providing AP exam fee support for students. In 2009, 271 public and non-public schools offered AP courses. The number of students testing and exams taken in FY 2009 continues to demonstrate significant gains. In May 2009, 30,392 students took 49,497 exams with 64 percent earning a score of 3 or above on a scale of 1-5.

The mission of the AP Program overall is to prepare students for academic success in college and beyond. Key reasons students participate in AP:

- Eighty-three percent of AP students reported that they took AP courses to improve their chances of college admission;
- More than two-thirds reported that they took AP courses in order to get into advanced college classes;
- More than half took AP courses in order to expand elective opportunities in college; and
- Less than one-third indicated that they hoped to use credit from AP exams to graduate earlier.

High school instructors contend that AP courses greatly enhance students' confidence and academic interest; colleges find that these students are considerably better prepared for serious academic work; and students say they enjoy the challenge of the AP curriculum.

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 2009, 1,691,905 students worldwide sat for 2,929,929 AP exams. (Appendix D, Annual AP Program participation 1968 – 2009)

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 10,000 college faculty and secondary AP teachers, using scoring standards and rubrics developed by college faculty and experienced AP teachers.

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 provides 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/>

Schools and students interested in AP can visit the Minnesota Department of Education's (MDE) website and access the College and Career Readiness page which includes links and information on Advanced Placement. [http://education.state.mn.us/MDE/Academic\\_Excellence/College\\_Career\\_Readiness/Advanced\\_Placement/index.html](http://education.state.mn.us/MDE/Academic_Excellence/College_Career_Readiness/Advanced_Placement/index.html)  
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## 2. International Baccalaureate Program (IB)

The International Baccalaureate Organization (IBO) is a non-profit, Swiss educational foundation established in 1968. The Diploma Program (DP) 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 programs of international education that span the primary, middle and secondary school years. The Primary Years Program (PYP) is designed for students aged 3-12, the Middle Years Program (MYP) for students aged 11-16, and the Diploma Program (DP) for students aged 16-18. The DP, MYP and PYP schools go through an extensive application process to become authorized IB World Schools.

These three programs can serve student from age 3 to 19 to develop the intellectual, personal, emotional and social skills to live, learn and work in a rapidly globalizing world. The IB works with 2,870 schools in 138 countries to offer the three IB programs to approximately 793,000 students throughout the world. They provide a broad and balanced education that includes science and the humanities, languages and mathematics, technology and the arts. The programs 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 programs give students an awareness and understanding of their own culture and of other cultures, values and ways of life.

The Diploma Program (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 Program 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.

The number of IB exams that Minnesota students have taken each year has steadily increased from 2,563 in 2003 to 4,549 in 2009. We have experienced a twelve percent growth this year in the number of IB exams taken.

International Baccalaureate developed a Middle Years Program (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 Program.



The Primary Years Program (PYP) was developed in 1997. It offers an inquiry-based program for 3-12 year olds. As of FY 2009, nine schools were authorized to offer the PYP. All Minnesota PYP schools offer the full PYP to all students. The PYP and MYP schools also go through a comprehensive process to become authorized. Both the MYP and the PYP are school-wide models that serve all students. In 2008, over 19,000 students attended MYP and PYP schools in Minnesota.

In 2009 IB programs were in place in thirty 'Authorized' schools and delivered the rigorous and challenging International Baccalaureate curriculum. There were fourteen high schools at the Diploma Program (DP) level, six Middle Years Programs (MYP) in nine schools (both middle schools and high schools), and seven primary schools (PYP) at the elementary level. The fourteen DP high schools engaged 2,196 students that took a total of 4,549 exams. In addition, thirty-one schools were involved in teacher training and program development associated with the 'Application' and 'Candidate' levels and seeking authorization by the International Baccalaureate Organization (IBO). Eleven 'Prospective' schools were conducting feasibility studies and an additional sixteen 'Considering' schools were exploring the possibility of implementing IB programs in their schools. The schools receive support and guidance through the Minnesota Department of Education (MDE), Minnesota Association of IB World Schools (MAIB), the International Baccalaureate of the Americas (IBA), and the International Baccalaureate Organization (IBO). (Appendix F, 2009 Schools) 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 IB programs have generated considerable interest in this type of program.

Schools and students interested in IB can visit the IB home page at <http://www.ibo.org> and the MDE's Website where information on IB programs is housed in the College and Career Readiness section. [http://education.state.mn.us/MDE/Academic\\_Excellence/College\\_Career\\_Readiness/IB/index.html](http://education.state.mn.us/MDE/Academic_Excellence/College_Career_Readiness/IB/index.html)

## **Part II**

### **Implementation of Advanced Placement and International Baccalaureate Programs**

The Advanced Placement and International Baccalaureate Program (Appendix A) became a part of the Education Omnibus bill in May 1992. In FY 2008-2009 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."

In 2009 AP and IB programs implemented components include:

#### **A. Teacher Training**

In-depth teacher training was conducted by certified AP and IB providers. The training is designed to prepare teachers to deliver rigorous college level curriculum in the secondary setting and challenging academic experiences in the middle and primary grades.

AP and IB students in Minnesota benefit from the enriched content, instructional methods, and assessment strategies delivered by trained AP and IB teachers in their classrooms. In this enhanced academic environment, the students learning experience is invigorated by the higher level discussions/interaction.

Teacher training is a critical component to student success. In support of Advanced Placement, the Minnesota Department of Education (MDE) has worked closely with Augsburg College and Carleton College Summer

Programs to facilitate in-depth training for AP teachers. In the summer of FY 2009, Carleton trained 252 teachers and Augsburg trained 193 teachers. Seven AP teachers received out-of-state training. Scholarships of \$600 per event were provided for in-state training and up to \$1,000 for out-of-state training for a total of \$340,699.00. In addition, 603 teachers attended workshops at the University of Minnesota through AP support program expenditures of \$105,525.

The MDE's support of IB teacher training is conducted through coordination with the IBO, the IB Americas, and the Minnesota Association of IB World Schools (MAIB). IB teacher training is primarily offered at out-of-state sites. In FY 09, Minnesota was not a host site for the multi-level training so teachers attended required trainings out of state. Looking forward to FY 2010, IB will be hosting a multi-level training in Minnesota. During 2009, out-of state IB training was attended by 579 teachers.

#### MDE Staff responsibilities:

- Consult and coordinate with the Minnesota Advanced Placement Advisory Council and the College Board to create training programs. In 2008 state-funded AP summer trainings were conducted at Augsburg and Carleton Colleges.
- Consult and coordinate with the Minnesota Association of IB World Schools (MAIB) and the International Baccalaureate of the Americas (IBA) to identify training sites and direct teachers to the appropriate levels. The MDE assists schools with application processes.
- Assist in the development, promotion, and evaluation of the teacher trainings.
- Work with the College Board and MAIB to support teachers and provide follow-up to training experiences.
- Process reimbursements for out-of-state and in-state training opportunities attended by educators.

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

AP and IB exam fees for public and non-public students are subsidized by legislative action. Specific direction is given to pay all exam fees for low-income students. In 2009, AP exam fees totaled \$3,128,214 for 30,392 students taking 49,497 exams and IB exams fees totaled \$542,741 for 2,196 students taking 4549 exams.

The intent of the legislated funding is to assist public and non-public students in paying for AP and IB exam fees. 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;
- Gather data from individual public and non-public schools regarding their AP and IB programs, 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.

Projecting for 2010 and beyond, the exponential growth and increasing number of students engaged in both AP and IB will be difficult to maintain if the appropriations for these programs remains flat. The amount available for individual exam reimbursements will decrease as the number of student exams increases.

## C. Administration

The Minnesota Department of Education is responsible for the administration of AP and IB program components as funded by legislation.

MDE Staff Responsibilities:

- Prepare and maintain the AP and IB budgets;
- 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;
- Provide informational AP and IB 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, secondary schools, and other organizations regarding student participation in AP and IB programs.

In 2009, the Minnesota Department of Education, in conjunction with the Minnesota Association of IB World Schools (MAIB) and the International Baccalaureate of the Americas (IBA), offered three Orientation Seminars in Minnesota. The orientation is one of four levels designed to provide information to interested schools about the IB programs and how they may meet the needs of their students. The training was exceptionally well-attended by participants from Minnesota schools and from 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 Programs, which positively impact both the achievement and culture of the school.

Teacher training is a critical component for student success. In 2009, the Minnesota Department of Education (MDE), in joint collaboration with Augsburg College and Carleton College, facilitated in-depth summer training institutes for AP and Pre-AP teachers. Carleton College trained 252 teachers and Augsburg College trained 194 AP and Pre-AP teachers in week-long institutes. Additionally, 603 teachers attended the College Board sponsored, University of Minnesota hosted, follow-up workshops and meetings coordinated by MDE.

## **D. College Credits and Policies**

Participating colleges in more than 30 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 more than 1000 North American Colleges and in more than 100 countries.

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 an *AP Minnesota College Credit Policy Guide* and an *IB Minnesota College Credit Policy Guide*, 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. As articulated in Minnesota Statutes § 120B.13, Subd. 3a,

“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 an advanced placement or four or higher on the international baccalaureate program examination.”

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. In Minnesota, 61 colleges and universities acknowledge Advanced Placement exam scores and 47 colleges and universities acknowledge International Baccalaureate exam scores. Large numbers of Minnesota high school graduates who participate in the AP and IB Programs are attending colleges out of state.

## Part III

### Minnesota Advanced Placement and International Baccalaureate Program Participation

#### A. Advanced Placement Program Participation

The AP program is in its 18<sup>th</sup> year of receiving funding for exam fees for all students. Of the 461 public and non-public high schools in Minnesota, 272 schools participated in AP, representing 59 percent of the high schools.

In 2009, Minnesota defied national trends with 10 percent more Minnesota students taking Advanced Placement exams and 13 percent more students succeeding with scores of 3 or higher. The College Board's sixth annual AP Report to the Nation reports that 15.5 percent of Minnesota's public school students in the class of 2009 achieved an AP Exam score of 3 or higher during their high school years — up from 14.2 percent in 2008 and 10.6 percent in 2004.

#### 2009 AP Exam Report

Number of students	Total	Male	Female			
	30,392	13,893	16,499			
Number of AP tests	Total	Score of 1	Score of 2	Score of 3	Score of 4	Score of 5
	49,497	7,472	10,285	12,928	10,930	7,882
Ethnic Group	Total	%	Male	Female		
American Indian/Alaskan	119	0%	62	57		
Asian	2,272	7%	1,073	1,199		
African American/Black	775	3%	320	455		
Mexican American	287	1%	131	156		
Puerto Rican	54	0%	23	31		
Other Hispanic	275	1%	112	163		
White	25,181	83%	11,509	13,672		
Other ethnic group	625	2%	278	347		
No response	804	3%	385	419		
Candidate Fee Reduction	Total	%	Male	Female		
No fee reduction	20,436	67%	9,341	11,095		
Fee reduction for low-income families	9,953	33%	4,551	5,402		
Fee reduction for other families	3	0%	1	2		

In the past five years, public high schools in Minnesota have increased the number of students gaining access to and experiencing success in AP:

- 14,396, or 24.4 percent, of the students in Minnesota's public high school class of 2009 took at least one AP Exam during high school, compared to 13,570 (22.5 percent) in the class of 2008 and 9,579 (16.2 percent) in the class of 2004.
- 9,111 students, or 15.5 percent, from Minnesota's public high school class of 2009 earned a score of 3 or higher on at least one AP Exam during high school, compared to 8,558 (14.2 percent) in the class of 2008 and 6,257 (10.6 percent) in the class of 2004.

- Of the students in Minnesota’s public high school class of 2009 who took at least one AP Exam during high school, 301, or 2.1 percent, were Hispanic or Latino, compared to 259 in the class of 2008 (1.9 percent) and 135 (1.4 percent) in the class of 2004.

- Of the students in Minnesota’s public high school class of 2009 who earned a score of 3 or higher on at least one AP Exam during high school, 157, or 1.7 percent, were Hispanic or Latino, compared to 139 (1.6 percent) in the class of 2008 and 78 (1.2 percent) in the class of 2004.

- Of the students in Minnesota’s public high school class of 2009 who took at least one AP Exam during high school, 389, or 2.7 percent, were black or African American, compared to 377 (2.8 percent) in the class of 2008 and 154 (1.6 percent) in the class of 2004.

- Of the students in Minnesota’s public high school class of 2009 who earned a score of 3 or higher on at least one AP Exam during high school, 136, or 1.5 percent, were black or African American, compared to 123 (1.4 percent) in the class of 2008 and 45 (0.7 percent) in the class of 2004.

In November, Minnesota received a three-year \$4.5 million AP Access grant from the U.S. Department of Education intended to increase AP participation among low-income and underrepresented students.

([http://education.state.mn.us/MDE/About\\_MDE/News\\_Center/Press\\_Releases/016308](http://education.state.mn.us/MDE/About_MDE/News_Center/Press_Releases/016308))

The following chart provides detailed information of growth in AP programs over the last five years.

<b>Advanced Placement</b>	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
<b>Schools Funded</b>	<b>250</b>	<b>273</b>	<b>284</b>	<b>324</b>	<b>240</b>
Public Schools	211	233	235	276	197
Nonpublic Schools	39	40	49	48	43
<b>Total AP Schools Testing</b>	<b>250</b>	<b>278</b>	<b>284</b>	<b>324</b>	<b>240</b>
<b>Total Students Taking Exams</b>	<b>18,902</b>	<b>22,469</b>	<b>25,988</b>	<b>27,605</b>	<b>30,392</b>
<b>Total Exams Taken</b>	<b>29,480</b>	<b>35,821</b>	<b>41,763</b>	<b>44,281</b>	<b>49,497</b>
Students of Color	2,192	2,800	*4,114	3,819	4,407
Total Low Income Students	1,024	1,141	1,353	1,887	2438
Total Low Income Exams	1,401	1,685	1,995	2,413	3027
<b>Nonpublic Students Testing</b>	<b>2,268</b>	<b>2,860</b>	<b>3,025</b>	<b>4,242</b>	<b>4,202</b>
<b>Nonpublic Exams Taken</b>	<b>3,578</b>	<b>4,690</b>	<b>4,965</b>	<b>7,123</b>	<b>5,814</b>
Exams per Student	1.56	1.6	1.6	1.6	1.6
% of MN Scores 3 or above (Range 1-5)	66.70%	64.80%	62.50%	63.50%	64.13%
% of NATL Scores 3 or above	59.40%	59.60%	59.30%	57.79%	58.90%
<b>Total Teacher Training</b>	<b>731</b>	<b>795</b>	<b>490</b>	<b>642</b>	<b>1063</b>
Carleton	164	215	144	248	252
Augsburg	130	244	321	360	194
Out-of-State	24	48	25	34	14
UM Midwest Regional Conference	411	288	337	605	603

<b>Advanced Placement</b>	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
Courses Offered	1,122	1,206	1,460	1,165	1226
New Courses Offered	96	125	137	**	**
Teachers	1,095	1,123	1,392	1,176	1,256

\* This number included 728 students who chose not to state their race. In 2008, 550 students chose not to identify their race and this number was not included in the 2008 students of color count.

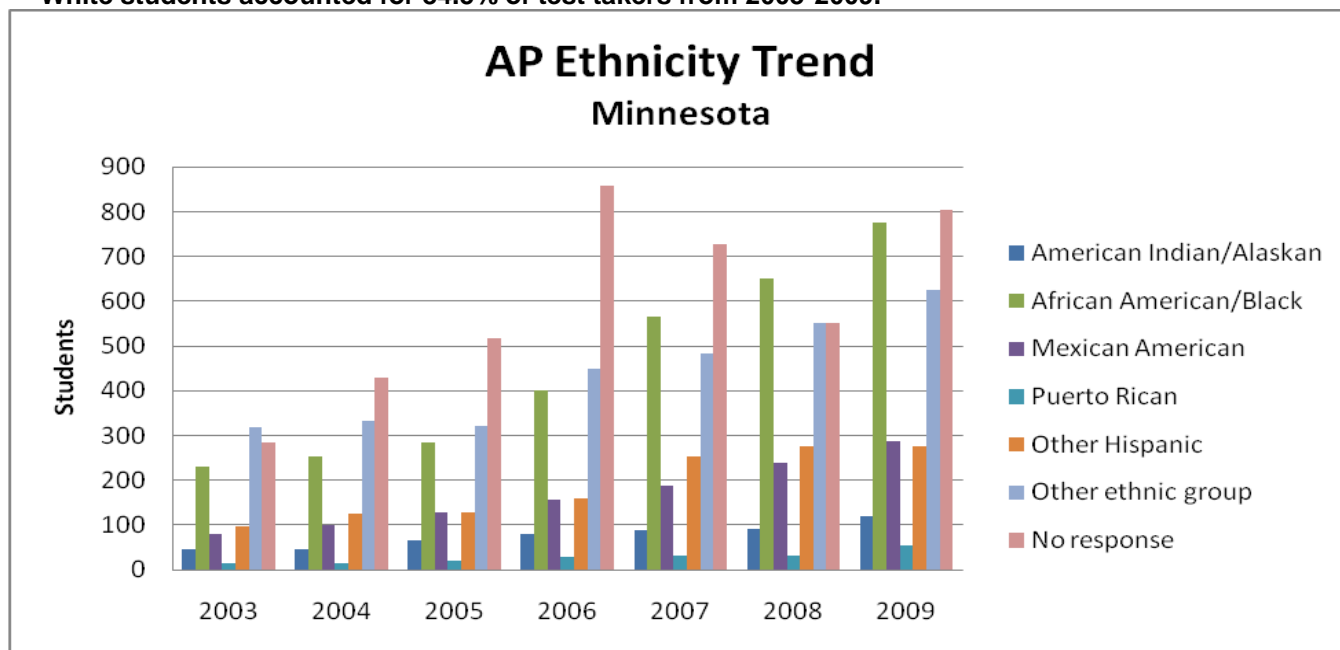
\*\* This data was not collected.

The table below is a demographic breakdown of student participation in AP in Minnesota over the last seven years.

<b>AP Ethnic Trend Report</b>							
	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>American Indian/Alaskan</b>	46	46	65	79	89	92	119
<b>Asian*</b>	1,133	1,198	1,245	1,528	1,778	1,979	2,272
<b>African American/Black</b>	230	254	285	401	566	652	775
<b>Mexican American</b>	81	100	127	155	187	239	287
<b>Puerto Rican</b>	14	13	20	29	30	30	54
<b>Other Hispanic</b>	98	124	128	158	253	275	275
<b>White**</b>	14,434	14,941	16,193	18,812	21,874	23,236	25,181
<b>Other ethnic group</b>	319	332	322	450	483	552	625
<b>No response</b>	285	429	517	857	728	550	804

\*Asian students accounted for 7% of test takers from 2003-2009.

\*\*White students accounted for 84.5% of test takers from 2003-2009.

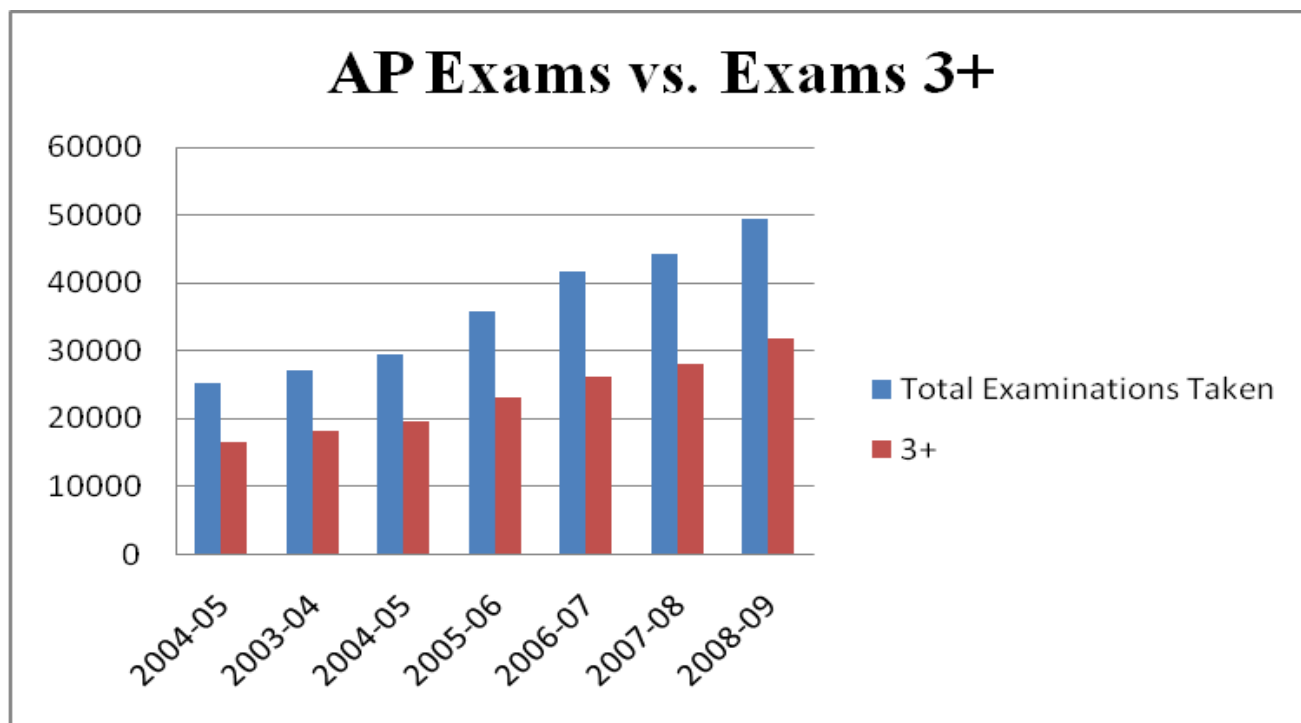


# **AP Student Demographics by Race and Exam Participation**

<b>AP Student Demographics</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
<b>American Indian</b>	<b>79</b>	<b>89</b>	<b>92</b>	<b>119</b>
Exams	126	118	131	172
<b>Asian</b>	<b>1,528</b>	<b>1,778</b>	<b>1,979</b>	<b>2,272</b>
Exams	2,701	2,986	3,531	4,198
<b>Black/African-American</b>	<b>401</b>	<b>566</b>	<b>652</b>	<b>775</b>
Exams	559	739	975	1,104
<b>Latino: Mexican American</b>	<b>155</b>	<b>158</b>	<b>239</b>	<b>287</b>
Exams	256	236	357	421
<b>Latino: Puerto Rican</b>	<b>29</b>	<b>25</b>	<b>30</b>	<b>54</b>
Exams	44	40	51	84
<b>Latino: Other Hispanic</b>	<b>158</b>	<b>210</b>	<b>275</b>	<b>275</b>
Exams	240	334	447	474
<b>Other</b>	<b>450</b>	<b>406</b>	<b>552</b>	<b>625</b>
Exams	780	716	899	1,038
<b>Not Stated</b>	<b>857</b>	<b>639</b>	<b>550</b>	<b>804</b>
Exams	1,581	1,002	471	1,264
<b>White</b>	<b>18,812</b>	<b>19,293</b>	<b>23,236</b>	<b>25,181</b>
Exams	29,534	30,599	37,040	40,742
<b>Total Students</b>	<b>22,949</b>	<b>23,164</b>	<b>27,605</b>	<b>30,392</b>
<b>Total Exams</b>	<b>35,821</b>	<b>36,770</b>	<b>43,902</b>	<b>49,497</b>



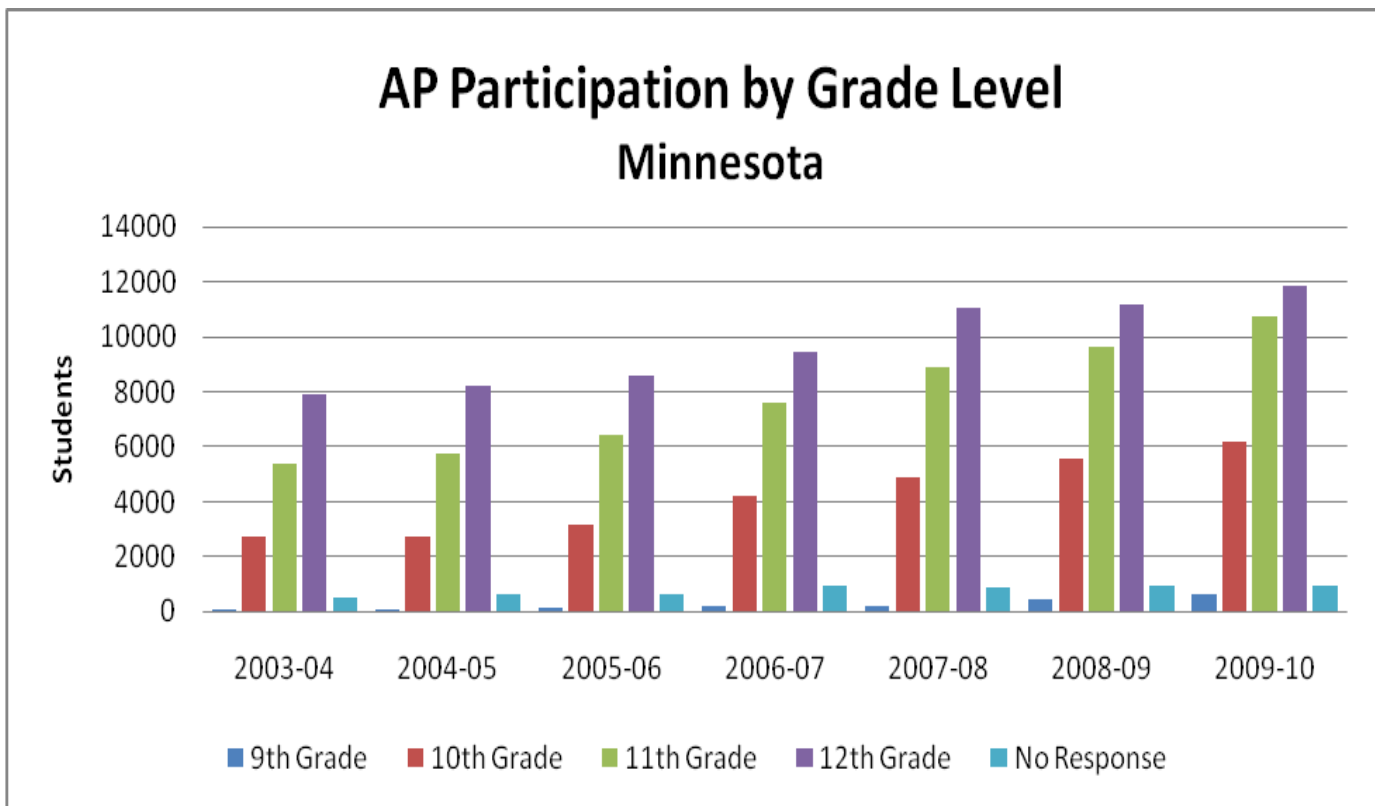
## AP Exam Profile



Detail of above chart

AP Exams vs. Exams 3+	Total Examinations Taken	3+
2004-05	25343	16577
2003-04	27007	18081
2004-05	29480	19679
2005-06	35821	23220
2006-07	41763	26116
2007-08	44281	28138
2008-09	49497	31740

## AP Participation Minnesota



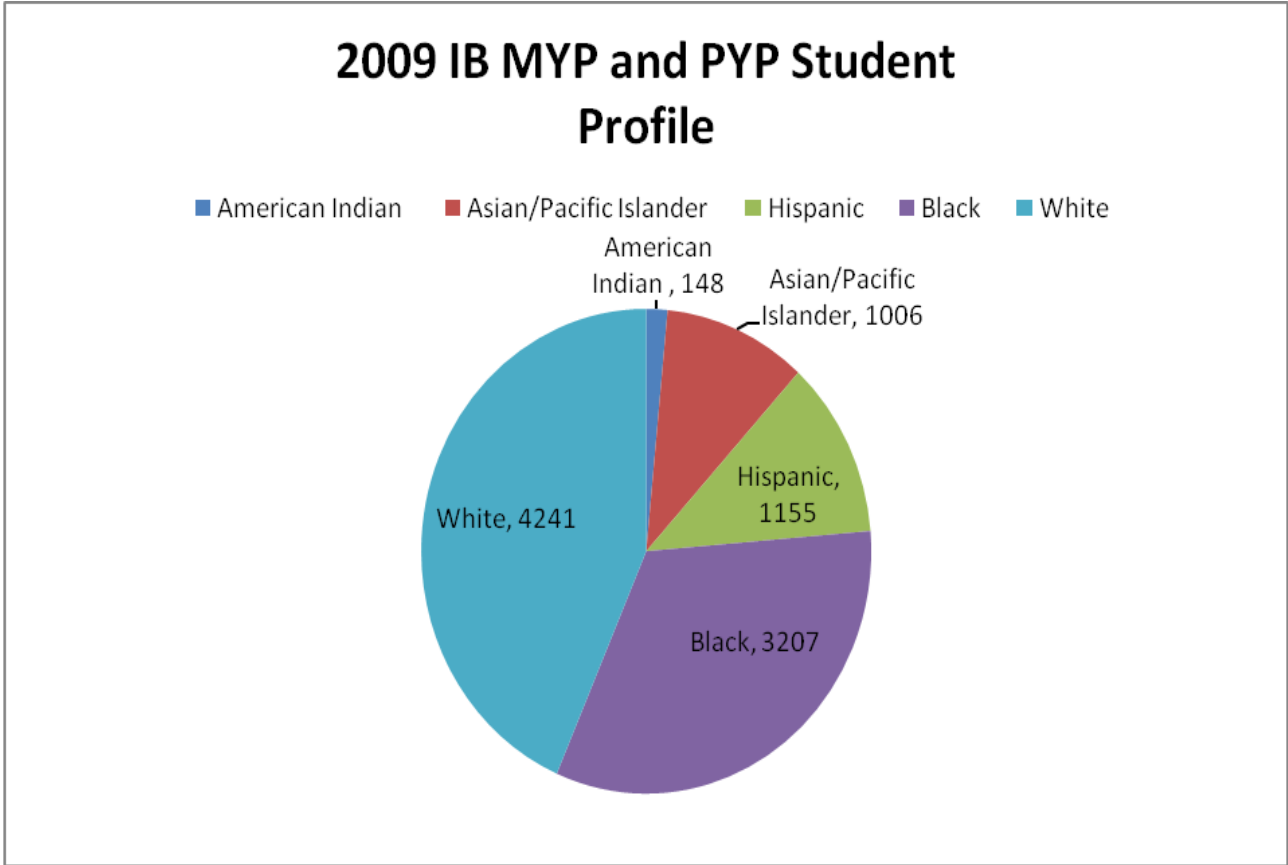
Detail of above chart

AP Participation by Grade Level	9th Grade	10th Grade	11th Grade	12th Grade	No Response
2003-04	75	2,717	5,385	7,937	526
2004-05	88	2,736	5,751	8,206	653
2005-06	115	3,170	6,430	8,567	614
2006-07	179	4,238	7,624	9,468	950
2007-08	218	4,898	8,924	11,036	906
2008-09	464	5,543	9,617	11,211	954
2009-10	648	6,203	10,750	11,835	954

**B. International Baccalaureate Program Participation**

In FY 2009, Minnesota had 61 International Baccalaureate schools that were funded and represented authorized, applicant or candidate schools. This is a significant increase over the 38 schools that fell into these categories just a couple of years ago in 2007. Of the 61 schools, 30 are authorized schools comprised of 14 Diploma Program (DP) schools, six Middle Years Programs (MYP) present in nine schools and seven Primary Years Program (PYP) schools. There were an additional 31 schools that were in the candidate stage that have been preparing for authorization. Candidate schools include six high schools, nine MYP programs in 13 middle schools, and 12 elementary schools. It is important to note that an additional 26 schools are exploring the possible adoption of IB programs (Appendix F, Minnesota IB schools). This demonstrates a commitment by districts to the comprehensive approach of IB to provide challenging academic experiences for students at all grade levels. This also demonstrates the understanding of schools that preparation for challenging coursework begins at the onset of a student’s educational experience. This program has drawn increasing interest over the years from schools as well as families.

The chart below details demographic program participation for the Middle Years Program (MYP) and the Primary Years Program (PYP). These are school-wide models serving students from ages 3-16.



In 2009, the number of students testing at the Diploma Program (DP) level has steadily increased to 2,196. These students took 4,549 exams. Minnesota students are scoring well and last year 63 percent of exams earned a score of 4 or better on a scale of 1-7. 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.

International Baccalaureate programs have experienced tremendous growth in Minnesota. Many school districts in Minnesota have been working hard on developing a K-12 IB continuum for students and families in their districts. South Saint Paul Public Schools as well as Fridley Public Schools have district-wide IB programs that serve all elementary and middle school students in those districts. The Diploma Program for high school juniors and seniors is a program students elect to participate in. Minneapolis Public Schools and Saint Paul Public Schools have also developed K-12 IB programs so that families can access the IB program throughout their child's education. IB programs continue to grow in Minnesota and as a result, Minnesota ranks 10<sup>th</sup> in number of IB schools in the US. In order to become an authorized IB school, a school or district must go through five specific steps including a feasibility study/strategic planning process, comprehensive schools changes to curriculum, instruction, and professional development that occurs during the two step application process from Applicant to Candidate status. After this has been completed, schools have a site visit from the IB Americas. After a successful visit, the school then achieves the Authorized IB World School status. Follow up visits are required to maintain their IB authorization.

#### Minnesota IB Profile

<b>International Baccalaureate</b>	<b>FY '04</b>	<b>FY '05</b>	<b>FY '06</b>	<b>FY '07</b>	<b>FY '08</b>	<b>FY '09</b>
<b>Schools Funded</b>	<b>10</b>	<b>12</b>	<b>23</b>	<b>29</b>	<b>36</b>	<b>59</b>
Diploma (DP)	10	11	12	12	14	20
Middle Years Program (MYP)		1	4	9	13	21
Primary Years Program (PYP)		1	7	8	9	18
<b>Total Funded DP Schools Testing</b>	<b>10</b>	<b>11</b>	<b>11</b>	<b>12</b>	<b>14</b>	<b>13</b>
<b>Total Students Taking Exams</b>	<b>1,220</b>	<b>1,300</b>	<b>1,478</b>	<b>1,642</b>	<b>1,871</b>	<b>2,196</b>
<b>Total Exams Taken</b>	<b>2,734</b>	<b>2,775</b>	<b>3,071</b>	<b>3,410</b>	<b>3,932</b>	<b>4,549</b>
Students of Color (DP)		273	569	481	523	668
Low Income Students (DP)	237	243	302	361	379	498
Low Income Exams (DP)	475	482	623	753	795	1050
Exams per Student (DP)	2.23	2.32	2.1	2.3	2.3	2.1
% of MN Scores 4 or above (Range 1-7)	73.10%	72%	67%	67%	66%	63%
% of National Scores 4 or above	*	*	*	*	81%	80%
Diplomas Earned	110	123	127	129	158	157
Diploma Pass Rate	*	*	*	*	*	67%
<b>Total Teacher Training</b>	<b>112</b>	<b>115</b>	<b>172</b>	<b>531</b>	<b>403</b>	<b>820</b>
Out-of-State	67	67	108	341	285	579
Minnesota	45	48	64	190	118	221
Online Training						20
Courses Offered	194	188	200	214	*	*
New Courses Offered	8	9	15	5	*	*
Teachers	195	210	253	231	*	*

\* This data was not collected.

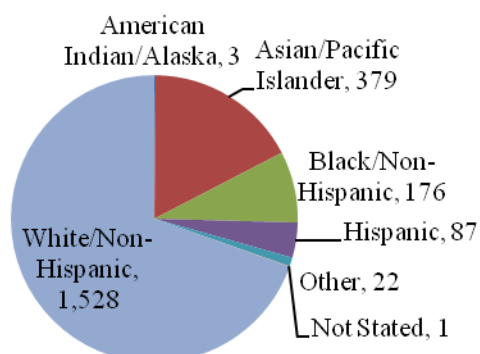
This is the fourth year that the International Baccalaureate Organization has collected racial demographic data of those taking exams. The following is a demographic breakdown of participation of Diploma Program students who tested over the last four years.

### IB Student Demographics

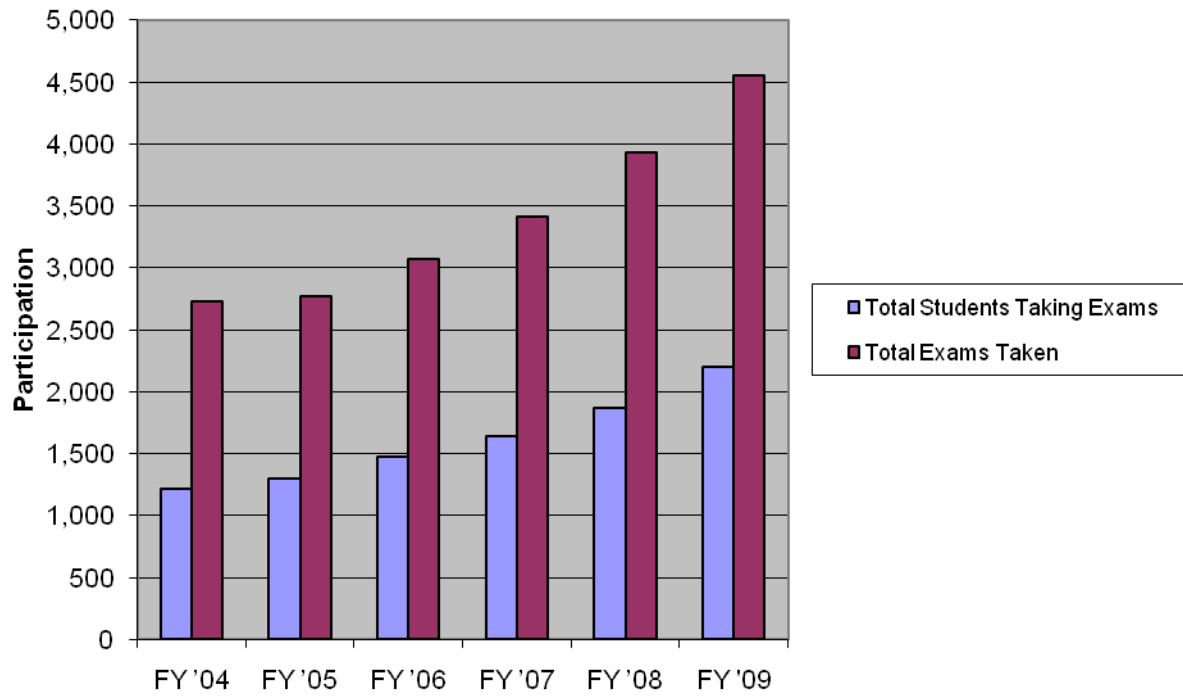
	FY 06	FY 07	FY 08	FY 09
<b>American Indian</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>3</b>
Exams	11	10	6	9
<b>Asian/Pacific Islander</b>	<b>222</b>	<b>271</b>	<b>311</b>	<b>379</b>
Exams	391	553	611	754
<b>Black/Non-Hispanic</b>	<b>107</b>	<b>116</b>	<b>118</b>	<b>176</b>
Exams	174	202	196	306
<b>Hispanic</b>	<b>32</b>	<b>55</b>	<b>57</b>	<b>87</b>
Exams	49	94	101	137
<b>Other</b>	<b>29</b>	<b>34</b>	<b>34</b>	<b>22</b>
Exams	70	93	67	45
<b>Not Stated</b>	<b>174</b>		<b>2</b>	<b>1</b>
Exams	316		2	5
<b>White/Non-Hispanic</b>	<b>909</b>	<b>1,161</b>	<b>1,346</b>	<b>1528</b>
Exams	2,060	2,458	3,024	3293
<b>Total Students</b>	<b>1,478</b>	<b>1,642</b>	<b>1,871</b>	<b>2196</b>
<b>Total Exams</b>	<b>3,071</b>	<b>3,410</b>	<b>4,007</b>	<b>4549</b>

### 2009 IB Diploma Program Student Profile

■ American Indian/Alaska
 ■ Asian/Pacific Islander
 ■ Black/Non-Hispanic  
■ Hispanic
 ■ Other
 ■ Not Stated  
■ White/Non-Hispanic



### International Baccalaureate Exam Participants



### IB Exam Pass Rate by Income Level

	Low Income				Total	Not Low Income				Total
Score	4	5	6	7		4	5	6	7	
White/Non-Hispanic	44	34	15	2	95	924	851	383	85	2243
Asian/Pacific Islander	112	29	7	2	150	65	51	24	7	147
Hispanic	16	7	9	5	37	16	12	5	6	39
Black/Non-Hispanic	36	11	2	1	50	50	15	9	2	76
Other	2	1	0	0	3	16	6	1	0	23
American Indian/Alaska Native	2	2	1	0	5	0	0	0	0	0
					340					2528

## C. Program Costs and Expenditures

**In 2009 AP Teacher Scholarships** were available at a rate of \$600 for in-state teacher training and up to \$1,000 for out-of-state training. Scholarships subsidize costs related to tuition, travel, room and board for AP 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.

International Baccalaureate teacher training in 2009 was primarily offered out of state. In-state support programs and workshops were offered in Minnesota through the Minnesota Association of IB World Schools. A total of 820 teachers attended various types of professional development of which 579 teachers attended in-depth out-of state training. Twenty teachers participated in online training offered by IB.

**AP Exam fees** were subsidized at a rate of \$56 per student, per exam for students of low-income families applying for fee reductions that are provided by the College Board. Other students were subsidized at a rate of \$56 per student, per exam. 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** for low-income students (based on eligibility for free or reduced-price lunch) were subsidized at the full cost of \$217 for the first exam and full cost of \$88 for each additional exam per student. All other student exams were funded at \$155 for the first exam and \$55 for each additional exam.

**The Payment schedule** for exams has varied over time. The state reimburses all AP and IB schools for exams and teacher training after exams have been ordered and teacher training has been completed. Schools submit a copy of their invoice for exams and application for reimbursement to MDE. The budget for FY 2009 was \$4,500,000. Actual expenditures for exams and teacher training for AP were \$3,543,239 and \$1,288,052 for IB, bringing the total expenditures for FY 2009 to \$4,831,291.

The following chart provides a breakdown of expenditures for the programs individually and combined expenditures for both programs. It is clear that as more students participate and take more AP and IB exams, the fixed allocations have less impact.

	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
<b>AP &amp; IB Program Allocations</b>	778K	4.5M	4.5M	4.5M	4.5M
<b>Combined Program Expenditures</b>					
Teacher Training	253.7K	580.6K	\$678,355	\$803,890	\$1,113,390
Student Exam Subsidies	407.1K	2,461.6K	\$3,548,687	\$2,726,408	\$3,670,955
Support Programs		58.2K	\$71,308	\$105,875	\$129,930
<b>Total Expenditure</b>	<b>714.4K</b>	<b>3,100.4K</b>	<b>\$4,298,350</b>	<b>\$3,636,173</b>	<b>\$4,914,275</b>
<b>Advanced Placement Expenditures</b>					
Public Teacher Training	\$211,918	\$322,183	\$216,949	\$367,900	\$284,850
Nonpublic Teacher Training	\$26,499	\$25,558	\$15,102	\$32,350	\$24,650
Public Exam Subsidies	\$270,985	\$1,831,976	\$2,730,510	\$1,948,030	\$2,752,545

	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
Nonpublic Exam Subsidies	\$33,376	\$279,784	\$368,371	\$268,446	\$375,669
Support Programs UM		\$46,616	\$58,300	\$105,875	\$105,525
<b>Total Expenditure</b>	<b>\$542,778</b>	<b>\$2,506,117</b>	<b>\$3,389,227</b>	<b>\$2,722,601</b>	<b>\$3,543,239</b>
<b>Advanced Placement Exam Costs and Reimbursements</b>					
	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
AP Exam Cost	\$82	\$82	\$83	\$84	\$86
MN Payment per Exam	\$8	\$60	\$75	\$50	\$56
Low-income Payment per Exam*	\$74	\$74	\$75	\$76	\$56
*Low-income payment numbers include a \$22 Fee Reduction from the College Board and \$8 district waiver provided by the College Board					
<b>International Baccalaureate Expenditures</b>					
	<b>FY 05</b>	<b>FY 06</b>	<b>FY 07</b>	<b>FY 08</b>	<b>FY 09</b>
Teacher Training – DP*	\$68,905	\$133,006	\$113,300	\$129,590	\$197,793
Teacher Training – MYP*		\$46,200	\$118,152	\$121,350	\$335,541
Teacher Training – PYP*		\$53,652	\$214,857	\$152,700	\$187,572
<b>Total Teacher Training for IB</b>		<b>\$232,858</b>	<b>\$446,309</b>	<b>\$403,640</b>	<b>\$720,906</b>
Student Exam Subsidies – DP	\$102,750	\$349,873	\$449,806	\$512,932	\$542,741
Support Programs		\$11,554	\$13,008	**	\$24,405
<b>Total Expenditure</b>	<b>\$171,655</b>	<b>\$594,285</b>	<b>\$909,123</b>	<b>\$916,572</b>	<b>\$1,288,052</b>
IB Exam Cost per First/Second Exam	\$185/\$55	\$195/58	\$202/\$60	\$207/\$84	\$217/\$88
MN Payment per First/Second Exam	\$25/\$10	\$160/53	\$202/\$60	\$175/\$75	\$155/\$55
Low-income First/Second Exam Payment	\$185/\$55	\$195/58	\$202/\$60	\$207/\$84	\$217/\$88

\* DP – Diploma Program

\* MYP – Middle Years Program

\* PYP – Primary Years Program

\*\* Funding was dedicated to exams and authorized training for FY 08 for IB.



## **Part IV Recommendations**

As the AP and IB Programs in Minnesota continue to expand, there is an ongoing need to provide challenging learning opportunities for all learners; to support teachers delivering this level of program rigor; and to encourage schools to initiate and/or expand AP and IB programs. Challenging, rigorous learning opportunities are essential to preparing students for success in postsecondary institutions and developing an international perspective. State accountability requires public reporting for student achievement, but in addition, Minnesota is reporting advanced academic opportunities, including AP and IB course information.

Specific recommendations for enhancing AP and IB programs in Minnesota include:

- **Maintain legislative support for student exams and teacher training;**
- **Continue MDE's working relationship with the College Board and International Baccalaureate Organization;**
- **Increase access to AP courses among students in rural communities;**
- **Address specific needs of disadvantaged and underrepresented students;**
- **Foster growth in Pre-AP and IB middle year and primary year programs;**
- **Increase offerings that prepare teachers for delivering rigorous courses;**
- **Support the development and expansion of AP online courses;**
- **Increase teacher training opportunities to build AP and IB capacity in schools.**
- **Focus on increased student achievement and access to both programs.**

## **Part V Conclusions**

Minnesota schools have demonstrated that the AP and IB curriculums have raised expectations for all students within a given school system. Teachers who participate in AP and IB report a honing of their instructional skills, an infusion of rigor in their classes, and professional renewal and growth that comes with involvement in these two proven programs.

The expansion of pre-AP programs and growth in number of IB Middle Year Program and Primary Year Program schools demonstrates the value districts, as well as individual schools, are placing on providing rigor in the early years to prepare students to successfully engage in AP and IB in high school and attain their post-secondary goals.

In short, the entire educational community benefits with the adoption of AP and IB curriculums. No more valid testament of the force of AP and IB in Minnesota schools exists than the tremendous growth in student participation that followed the legislative initiatives addressing financial barriers for teacher training and student exam fees. The legislature's action in appropriating funding provided the educational opportunity and Minnesota students have responded by accepting the challenge of the acknowledged world class educational experience found in the AP and IB courses.

## **Appendix A**

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

**Sec. 13.** Minnesota Statutes 2008, section 120B.13, subdivision 1, is amended to read:

#### **120B.13 ADVANCED PLACEMENT AND INTERNATIONAL BACCALAUREATE PROGRAMS**

##### **Subdivision 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.

##### **Subd. 2. Support programs.**

The commissioner shall provide support programs during the school year for teachers who attended the training programs and teachers experienced in teaching advanced placement or international baccalaureate courses. The support programs shall provide teachers with opportunities to share instructional ideas with other teachers. The state may pay the costs of participating in the support programs, including substitute teachers, if necessary, and program affiliation costs.

##### **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.

##### **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 an advanced placement or four or higher on the international baccalaureate program examination.

**Subd. 4. Information.**

The commissioner shall submit the following information to the education committees of the legislature each year by February 1:

- (1) the number of pupils enrolled in advanced placement and international baccalaureate courses in each school district;
- (2) the number of teachers in each district attending training programs offered by the college board or International Baccalaureate North America, Inc.;
- (3) the number of teachers in each district participating in support programs;
- (4) recent trends in the field of advanced placement and international baccalaureate programs;
- (5) expenditures for each category in this section; and
- (6) other recommendations for the state program.

**Appropriations**

**Session Laws 2007, Regular Session chapter 146, article 1, section 46, subdivision 12**

**Subd. 12. 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	2008
\$	4,500,000	2009

(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. The amount of the subsidy for each teacher attending an advanced placement or international baccalaureate summer training program or workshop shall be the same. The commissioner shall determine the payment process and the amount of the subsidy.

(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 other 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.

2009 ADVANCED PLACEMENT  
PUBLIC SCHOOLS[illegible]

2009 ADVANCED PLACEMENT  
PUBLIC SCHOOLS

Lake Superior - Two Harbors HS	242515	0	0	2	2	130	1	1	0	0	\$0	0	\$0	0	\$0	\$0	\$130
Lakeville - Lakeville North HS	241325	2	5	494	799	\$52,215	16	16	2	2	\$1,200	2	\$300	0	\$0	\$0	\$53,715
Lakeville - Lakeville South HS	241326	0	0	423	698	\$45,370	15	15	4	1	\$2,400	1	\$150	0	\$0	\$0	\$47,920
Lewiston-Altura	241375	1	2	6	7	\$567	2	2	0	0	\$0	0	\$0	0	\$0	\$0	\$567
Litchfield	241390	4	6	66	75	\$5,211	6	6	0	0	\$0	0	\$0	2	\$1,200	\$0	\$6,861
Little Falls	241395	0	0	5	5	\$325	1	1	0	0	\$0	0	\$0	0	\$0	\$0	\$325
Long Prairie-Grey Eagle	241415	0	0	111	111	\$7,215			0	0	\$0	0	\$0	3	\$1,800	\$0	\$9,015
Luverne	241425	6	8	20	18	\$1,618	3	3	0	0	\$0	0	\$0	0	\$0	\$0	\$1,618
Lyle	241430	0	0	6	6	\$390			0	0	\$0	0	\$0	0	\$0	\$0	\$390
Mabel Canton - Mable Canton HS	241440	0	0	13	13	\$945					\$0		\$0		\$0	\$0	\$945
Mahtomedi	241465	2	2	266	585	\$38,137	17	13	2	1	\$1,200	1	\$150	5	\$3,000	\$0	\$44,487
Main Street Center for Arts	241157	3	4	25	32	\$2,304	4	8	0	0	\$0	0	\$0	1	\$600	\$0	\$3,054
Mankato - East	241484	15	15	116	116	\$8,380			3	1	\$1,800	1	\$150	1	\$600	\$0	\$10,930
Mankato - West		0	0	0	0	\$0	2	2	2	2	\$1,200	1	\$150	0	\$0	\$0	\$1,350
Maple River-Mapleton	241495	0	0	2	2	\$130	1	1	2	0	\$1,200	0	\$0	0	\$0	\$0	\$1,330
Marshall	241510	13	13	63	130	\$9,178	6	6	1	0	\$600	0	\$0	0	\$0	\$0	\$9,778
Math and Science Academy	00184692-0	0	0	9	9	\$585	1	2	0	0	\$0	0	\$0	0	\$0	\$0	\$585
McLeod West	240340	0	0	7	7	\$455	1	1	0	0	\$0	0	\$0	0	\$0	\$0	\$455
Meadow Creek	241545	0	0	0	0	\$0	0	0	0	0	\$0	0	\$0	2	\$1,200	\$0	\$1,200
Medford	240120	2	2	23	23	\$1,607	3	3	0	0	\$0	0	\$0	0	\$0	\$0	\$1,607
Mesabi East High School	241570	1	1	19	19	\$1,291			0	0	\$0	0	\$0	1	\$600	\$0	\$880
Milaca	241610	143	143	13	13	\$8,853	8	8	0	0	\$0	0	\$0	1	\$600	\$0	\$9,453
Minneapolis - Edison		0	0	0	0	\$0	0	0	1	0	\$600	0	\$0	0	\$0	\$0	\$600
Minneapolis - Interdistrict		0	0	0	0	\$0	0	0	3	0	\$1,800	1	\$150	0	\$0	\$0	\$7,179
Minneapolis - North HS	241630	60	69	21	21	\$5,229			8	0	\$0	0	\$0	4	\$2,400	\$0	\$7,801
Minneapolis - Roosevelt	241685	62	86	9	9	\$5,401	8	8	0	0	\$0	0	\$0	0	\$0	\$0	\$5,401
Minneapolis - South	241675	62	62	447	691	\$48,387	12	12	6	0	\$3,600	1	\$150	3	\$1,800	\$0	\$54,937
Minneapolis - Southwest	241680	21	36	337	408	\$28,536	13	8	0	0	\$0	0	\$0	1	\$600	\$0	\$29,136
Minneapolis - Urban League		0	0	0	0	\$0	0	0	0	0	\$0	0	\$0	0	\$0	\$0	\$0
Minneapolis - Washburn	241695	41	41	38	48	\$5,416	7	5	1	0	\$600	1	\$150	3	\$1,800	\$0	\$7,966
Minnesota		3	3	11	11	\$883	1	1	0	0	\$0	0	\$0	0	\$0	\$0	\$883
Minnesota Transitions Charter #4017		3	4	13	38	\$2,694	3	3	1	0	\$600	1	\$150	2	\$1,200	\$0	\$4,944
Minnesota Virtual Academy		0	0	0	0	\$0	0	0	2	0	\$1,200	1	\$150	0	\$0	\$0	\$1,350
Minnetonka	240780	5	8	824	1,356	\$88,568	29	19	9	0	\$5,400	2	\$300	2	\$1,200	\$0	\$95,488
Minnewaska	240935	6	6	37	37	\$2,741	2	2	0	0	\$0	0	\$0	0	\$0	\$0	\$2,741
Montevideo	241715	5	5	52	102	\$6,910	5	6	0	0	\$0	0	\$0	0	\$0	\$0	\$6,910
Monticello	241725	7	9	154	154	\$10,514	5	5	0	0	\$0	0	\$0	1	\$600	\$0	\$11,264
Moorhead	241735	11	25	274	457	\$31,105	8	12	5	0	\$3,000	2	\$300	0	\$0	\$0	\$34,405
Mound Westonka	241775	2	2	143	222	\$14,542	7	7	0	0	\$0	0	\$0	1	\$600	\$0	\$15,142
Moundsview - Chippewa MS		0	0	0	0	\$0	0	0	0	0	\$0	0	\$0	3	\$1,800	\$0	\$1,800
Mounds View - Irondale HS	242263	20	38	357	585	\$40,153	13	14	3	0	\$1,800	2	\$300	8	\$4,800	\$0	\$47,053
Mounds View - Mounds View HS	241805	6	11	372	604	\$39,876	9	9	0	0	\$0	0	\$0	1	\$600	\$0	\$40,476
MTS Minnesota Connections		0	0	0	0	\$0	0	0	2	2	\$1,200	2	\$0	0	\$0	\$0	\$1,200

2009 ADVANCED PLACEMENT  
PUBLIC SCHOOLS

New Century Charter School	241815	10	16	51	67		\$520	2	2	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$520
New London-Spicer	241820	2	3	87	105		\$6,993	4	4	0	\$0	0	\$0	0	\$0	0	\$0	\$1,800	\$7,051
New Prague	241830	5	5	100	100		\$6,780	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$6,993
New Ulm	241840	0	0	4	4		\$260	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$6,780
New York Mills		1	1	3	3		\$251	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$260
Norman County West	241850	3	3	20	20		\$1,468	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$251
North Branch	241865	0	0	464	671		\$43,615	11	9	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$1,468
North St. Paul - North High	242927	19	21	233	343		\$23,471	8	12	5	\$3,000	2	\$300	1	\$600	0	\$0	\$3,900	\$43,615
North St. Paul - Tarian	241855	1	1	200	323		\$21,051		4	4	\$2,400	0	\$0	0	\$0	0	\$0	\$0	\$27,371
Northfield		2	3	45	72		\$4,848	4	4	1	\$600	0	\$0	0	\$0	0	\$0	\$2,400	\$23,451
Nonwood - Central HS	241410	4	5	192	359		\$23,615	12	13	5	\$3,000	1	\$150	1	\$600	0	\$0	\$600	\$5,448
Orono		0	0	0	0		\$0	0	0	1	\$600	0	\$0	0	\$0	0	\$0	\$3,750	\$27,365
Osakis		0	0	0	0		\$0	0	0	1	\$600	0	\$0	0	\$0	0	\$0	\$600	\$600
Osseo - Brooklyn Jr		0	0	0	0		\$0	0	0	1	\$600	0	\$0	7	\$4,200	0	\$0	\$4,800	\$4,800
Osseo - Maple Grove JH	241489	14	21	361	593		\$39,721	15	13	7	\$4,200	1	\$150	8	\$4,800	0	\$0	\$9,150	\$1,950
Osseo - Maple Grove HS	241930	49	70	373	511		\$37,135	14	12	5	\$3,000	2	\$300	7	\$4,200	0	\$0	\$7,500	\$48,871
Osseo - Osseo and Osseo Jr.	240319	13	19	73	89		\$6,849	4	4	0	\$0	0	\$0	1	\$600	0	\$0	\$600	\$44,635
Osseo - Park Center	241935	0	0	280	280		\$18,200		2	2	\$1,200	0	\$0	0	\$0	0	\$0	\$1,200	\$7,449
Owatonna	241950	2	2	39	48		\$3,232	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$19,400
Park Rapids		0	0	0	0		\$0	0	0	1	\$600	0	\$0	0	\$0	0	\$0	\$600	\$3,232
Pelican Rapids		0	0	0	0		\$0	0	0	1	\$600	0	\$0	0	\$0	0	\$0	\$600	\$600
Pequot Lakes	241975	12	12	42	42		\$3,402	2	2	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$600
Perham	240943	4	4	50	50		\$3,474	2	2	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$3,402
Peripich Center for Arts Educ.	241995	0	0	66	66		\$4,290	4	5	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$3,474
Pine City	242000	0	0	16	16		\$1,040		0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$4,290
Pine Island		6	9	15	21		\$829	2	2	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$1,040
Pine Rivers-Beckus	242005	4	4	35	35		\$2,459		0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$829
Pipestone-Jasper	242010	4	4	60	67		\$4,579	4	4	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$2,459
Plainview-Elgin-Millville	242015	1	1	10	10		\$706		1	1	\$600	1	\$150	0	\$0	0	\$0	\$0	\$4,579
Princeton	242030	0	0	0	0		\$0	0	0	0	\$0	0	\$0	7	\$4,200	0	\$0	\$750	\$1,456
Prior Lake - Hidden Oaks Middle	242035	12	19	351	532		\$37,594	10	13	1	\$600	0	\$0	0	\$0	0	\$0	\$4,200	\$4,200
Prior Lake-Savage HS	241335	1	1	8	8		\$576	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$600	\$38,194
Red Rock Central Sec.	242070	14	19	210	283		\$19,459	9	8	5	\$3,000	0	\$0	2	\$1,200	0	\$0	\$4,200	\$576
Red Wing		0	0	0	0		\$0	0	0	0	\$0	0	\$0	1	\$600	0	\$0	\$600	\$23,659
Red Wing (Twin Bluff Middle)	242075	7	10	39	50		\$3,810	5	5	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$600
Redwood Valley HS	241650	24	30	117	156		\$11,820	6	6	0	\$0	0	\$0	1	\$600	0	\$0	\$0	\$3,810
Richfield	241627	25	46	500	958		\$64,846	23	23	0	\$0	0	\$0	4	\$2,400	0	\$0	\$600	\$12,420
Robbinsdale - Armstrong	241597	3	3	50	54		\$3,678		0	0	\$0	0	\$0	0	\$0	0	\$0	\$2,400	\$67,246
Robbinsdale - Cooper		0	0	0	0		\$0	0	0	0	\$0	0	\$0	2	\$1,200	0	\$0	\$0	\$3,678
Robbinsdale - Plymouth Middle	242092	0	0	400	630		\$40,950		4	4	\$2,400	2	\$300	2	\$1,200	1	\$150	\$4,050	\$1,200
Rochester - Century	242100	11	19	70	231		\$16,079	10	11	4	\$2,400	3	\$450	2	\$1,200	2	\$300	\$4,350	\$45,000
Rochester - John Marshall	242103	0	0	506	622		\$40,430		9	9	\$5,400	4	\$600	0	\$0	0	\$0	\$6,000	\$20,429
Rochester - Mayo		0	0	0	0		\$0	0	0	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$46,430

2009 ADVANCED PLACEMENT  
PUBLIC SCHOOLS

Rockford	242105	1	1	32	32	\$2,136	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$2,136
Rosemount - Apple Valley	240084	0	0	267	431	\$28,015	14	12	1	\$600	0	\$0	1	\$800	1	\$150	\$0	\$29,365
Rosemount - Eagan	242121	0	0	480	730	\$47,450	13	9	0	\$0	0	\$0	1	\$600	1	\$150	\$0	\$48,200
Rosemount - Eastview	242123	0	0	558	1,056	\$68,640	16	18	1	\$600	0	\$0	2	\$1,200	0	\$0	\$0	\$70,440
Rosemount - Rosemount	242125	12	12	400	588	\$38,892			2	\$1,200	1	\$150	0	\$0	0	\$0	\$0	\$40,242
Rosemount - Woodland Elementary		0	0	0	0	\$0			0	\$0	0	\$0	3	\$1,800	0	\$0	\$0	\$1,800
Rosemount - Environ. Studies	240088	1	1	120	184	\$12,016	15	15	1	\$600	1	\$150	0	\$0	0	\$0	\$0	\$12,766
Roseville - Roseville HS	242215	28	46	354	592	\$41,056	13	13	4	\$2,400	2	\$300	0	\$0	0	\$0	\$0	\$43,756
RTR Schools	242520	0	0	2	2	\$130	1	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$130
Rush City	242145	0	0	8	8	\$520	0	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$520
Rushford-Peterson	242150	5	10	12	17	\$1,665	3	3	1	\$600	1	\$150	0	\$0	0	\$0	\$0	\$2,415
Sartell-St. Stephen School #748	242358	0	0	35	35	\$2,275	2	1	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$2,275
Sauk Rapids-Rice	242365	22	35	125	169	\$12,945	7	7	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$12,945
Sebek	242370	2	2	10	10	\$762	1	1	0	\$0	0	\$0	1	\$600	1	\$150	\$0	\$1,512
Shakopee High School	242375	17	17	117	126	\$9,142	5	5	1	\$600	0	\$0	0	\$0	0	\$0	\$1,000	\$10,742
Sleepy Eye		0	0	0	0	\$0			1	\$600	0	\$0	0	\$0	0	\$0	\$0	\$600
South Koochling - Indus School		0	0	0	0	\$0			2	\$1,200	2	\$300	0	\$0	0	\$0	\$0	\$1,500
So Washington City - Lake Jr		0	0	0	0	\$0			0	\$0	0	\$0	1	\$600	0	\$0	\$0	\$600
So Washington City - Olman Jr.		0	0	0	0	\$0			1	\$600	0	\$0	0	\$0	0	\$0	\$0	\$600
So Washington City - Park	242340	17	17	156	289	\$19,737	9	9	8	\$4,800	2	\$300	0	\$0	0	\$0	\$0	\$24,837
So Washington City - Woodbury	242343	0	0	418	628	\$40,820			6	\$3,600	3	\$450	0	\$0	0	\$0	\$0	\$44,870
So Washington City - Woodbury Jr.		0	0	0	0	\$0			0	\$0	0	\$0	1	\$600	0	\$0	\$0	\$600
Charter 4160 - Spectrum HS		0	0	11	11	\$715	1	1	0	\$0	0	\$0	2	\$1,200	2	\$300	\$0	\$2,215
Spring Grove	242415	0	0	34	34	\$2,210			0	\$0	0	\$0	1	\$600	1	\$150	\$0	\$2,960
Spring Lake Park	241682	14	14	417	527	\$35,039	15	14	0	\$0	0	\$0	1	\$600	0	\$0	\$0	\$35,639
St. Anthony - New Brighton	241658	32	32	270	270	\$19,342			1	\$600	0	\$0	0	\$0	0	\$0	\$0	\$19,942
St. Charles	242170	1	1	56	56	\$3,696			0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$3,696
St. Cloud - Apollo	242178	0	0	326	326	\$21,190	10	10	2	\$1,200	2	\$300	0	\$0	0	\$0	\$0	\$22,690
St. Cloud - Technical HS	242185	12	18	210	493	\$33,053	7	10	4	\$2,400	4	\$600	0	\$0	0	\$0	\$0	\$36,053
St. Francis		0	0	0	0	\$0			1	\$600	0	\$0	0	\$0	0	\$0	\$0	\$600
St. Louis Park	242205	24	37	396	531	\$36,587	10	9	0	\$0	0	\$0	1	\$600	0	\$0	\$0	\$37,187
St. Michael-Alberville	242209	0	0	107	159	\$10,335	6	5	1	\$600	0	\$0	3	\$1,800	0	\$0	\$0	\$12,795
St. Paul - Arlington	242251	173	230	14	17	\$13,965	12	7	3	\$1,800	1	\$150	0	\$0	0	\$0	\$1,000	\$16,995
St. Paul - Central	242230	83	83	209	410	\$31,298	12	13	1	\$600	1	\$150	2	\$1,200	0	\$0	\$0	\$33,248
St. Paul - Como	242280	80	111	299	434	\$34,426			2	\$1,200	1	\$150	1	\$600	0	\$0	\$0	\$36,376
St. Paul - District Center		0	0	0	0	\$0			2	\$1,200	0	\$0	0	\$0	0	\$0	\$0	\$1,200
St. Paul - Humboldt		0	0	0	0	\$0			1	\$600	0	\$0	1	\$600	0	\$0	\$0	\$1,200
St. Paul - Johnson	242265	70	93	24	24	\$6,768	12	12	3	\$1,800	1	\$150	0	\$0	0	\$0	\$0	\$8,718
St. Paul - Open School	242316	18	18	6	6	\$1,398			0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$1,398
St. Peter	242345	0	0	35	54	\$3,510	7	7	1	\$600	0	\$0	0	\$0	0	\$0	\$0	\$4,110
Stewartville	242445	2	4	12	19	\$1,459	2	2	2	\$1,200	2	\$300	1	\$600	1	\$150	\$0	\$3,709
Stillwater High School	242450	12	12	700	1,048	\$68,792			0	\$0	0	\$0	0	\$0	0	\$0	\$1,000	\$69,792
Thief River Falls - Lincoln HS	240218	4	4	13	13	\$1,069	3	3	0	\$0	0	\$0	0	\$0	0	\$0	\$0	\$1,069



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## Appendix C

2009 ADVANCED PLACEMENT  
Non-Public Schools

CITY - SCHOOL	School Code	F-R	F-R	F-R	N-FR	N-FR	Total Cost	AP	AP	Crln	Carlton	Carl	Carlton	Carl	Carlton	Augs	Augs	Augs	O S	Total Cost	Grand
		Cand	Exams	Cand	Exams	Exams	of Exams	Tchrs	Crs	Tchrs	\$ Tuition	Tch	R & B	R & B	Tchrs	Tuition	R & B	\$ R & B	\$	Tchr Trng	Total
Academy of Holy Angels - Richfield	241585	0	0	0	345	345	\$2,425	5		1	\$600	1	\$150	2	\$1,200	0	0	\$0	\$2,000	\$3,950	\$26,375
Bais Yaakov High School - St. Louis Park	242200	9	9	0	0	0	\$504			0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$504
Bentley-St. Margarets - St. Louis Park	242202	1	3	176	294	294	\$19,278	12	13	1	\$600	1	\$150	1	\$600	0	0	\$0	\$0	\$1,350	\$20,628
Bethlehem Academy - Fairbault	240800	3	3	0	0	0	\$168	0	0	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$168
The Blake School - Minneapolis	241635	18	34	294	480	480	\$33,104	14	11	1	\$600	1	\$150	1	\$600	0	0	\$0	\$0	\$1,350	\$34,454
Breck - Minneapolis	241592	24	24	262	262	262	\$18,374			0	\$0	0	\$0	2	\$1,200	0	0	\$0	\$0	\$1,200	\$19,574
Cathedral High School - St. Cloud	242180	6	9	154	178	178	\$12,074	5	5	1	\$600	0	\$0	0	0	\$0	0	\$0	\$0	\$600	\$12,674
Concordia Academy - Bloomington	241617	0	0	14	14	14	\$910			0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$910
Concordia Academy - Roseville	242235	0	0	13	13	13	\$845	2	2	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$845
Convent of Visitation - Mendota Heights	242240	2	3	139	282	282	\$18,498	8	8	1	\$600	1	\$150	0	\$0	0	0	\$0	\$0	\$750	\$19,248
Cotter High School - Winona	242720	0	0	103	142	142	\$9,230	5	6	2	\$1,200	2	\$300	0	\$0	0	0	\$0	\$0	\$1,500	\$10,730
Cretin-Derham Hall - St. Paul	242245	0	0	216	292	292	\$19,175	8	8	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$19,175
DeLaSalle - Minneapolis	241600	115	115	137	137	137	\$15,345	5	5	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$15,345
Heritage Christian Academy - Maple Grove	242217	0	0	172	172	172	\$2,080	4	4	0	\$0	0	\$0	1	\$600	0	0	\$0	\$0	\$600	\$2,680
Hill Murray - Maplewood	242217	0	0	172	172	172	\$11,180	6	6	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$600	\$11,780
Hillcrest Lutheran Academy - Fergus Falls	240830	2	2	31	41	41	\$2,777	4	5	1	\$600	0	\$0	0	0	\$0	0	\$0	\$0	\$600	\$3,377
Holy Family Catholic - Victoria	242548	0	0	365	365	365	\$23,725	15	16	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$23,725
International School - Eden Prairie	240697	6	16	44	100	100	\$7,396	12	19	1	\$600	1	\$150	1	\$600	0	0	\$0	\$0	\$1,350	\$8,746
Lourdes - Rochester	242102	0	0	95	121	121	\$7,865	5	5	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$7,865
Marounia Christian Academy - Bklyn Park	240267	0	0	28	28	28	\$1,820	5	6	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$1,820
Marshall School - Duluth	240640	0	0	118	118	118	\$7,670			0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$7,670
Martin Luther High School - Northrup	241862	0	0	5	5	5	\$325	1	2	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$325
Mayer Lutheran High School	241513	2	2	16	16	16	\$1,152			0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$1,152
Mendow Creek Christian - Andover	240082	0	0	29	38	38	\$2,275	4	4	0	\$0	0	\$0	2	\$1,200	2	\$300	0	\$0	\$0	\$2,275
Minnehaha Academy - Minneapolis	241625	5	5	259	591	591	\$38,695	18	21	1	\$600	1	\$150	1	\$600	1	\$150	0	\$0	\$1,500	\$40,195
MN Valley Lutheran School - New Uhn	241826	0	0	19	21	21	\$1,365	3	3	2	\$1,200	1	\$150	0	\$0	0	\$0	\$0	\$0	\$1,350	\$2,715
Mounds Park Academy - St. Paul	242277	0	0	40	60	60	\$3,000	4	4	3	\$1,800	0	\$0	0	\$0	0	\$0	\$0	\$0	\$1,800	\$4,800
Nice International School - St. Paul	242288	0	0	41	41	41	\$2,665			0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$2,665
New Life Academy - Woodbury	242740	0	0	51	63	63	\$4,095	4	8	0	\$0	0	\$0	1	\$600	0	0	\$0	\$0	\$600	\$4,695
Providence Academy - Plymouth	242021	0	0	57	57	57	\$3,705	0	0	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$3,705
Shattuck-St. Mary's - Fairbault	240810	0	0	141	262	262	\$17,030	12	13	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$17,030
Southwest Christian - Cluska	240266	2	6	47	89	89	\$6,121	4	5	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$6,121
Southwest Star Concept	241315	0	0	8	8	8	\$520	1	1	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$520
St. Bernard's - St. Paul	242298	0	0	43	65	65	\$4,225	4	4	1	\$600	0	\$0	1	\$600	0	0	\$0	\$0	\$1,200	\$5,425
St. Croix Lutheran - West St. Paul	242673	0	0	64	116	116	\$7,540	3	5	1	\$600	0	\$0	0	\$0	0	0	\$0	\$0	\$600	\$8,140
St. Croix Preparatory Academy	242673	0	0	8	13	13	\$845	0	0	0	\$0	0	\$0	1	\$600	0	0	\$0	\$0	\$600	\$1,445
St. John's Preparatory - Collegeville	240515	9	17	65	121	121	\$8,817	4	4	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$8,817
St. Paul Academy/Summit - St. Paul	242315	1	1	42	65	65	\$4,281	0	0	0	\$0	0	\$0	0	0	\$0	0	\$0	\$0	\$0	\$4,281



## Appendix D

# ANNUAL AP PROGRAM PARTICIPATION 1968-2009

<u>Year</u>	<u>Schools</u> *	<u>Students</u>	<u>Examinations</u>	<u>Colleges</u>
1968-69	3,095	53,363	69,418	1,288
1969-70	3,186	55,442	71,495	1,368
1970-71	3,342	57,850	74,409	1,382
1971-72	3,397	58,828	75,199	1,483
1972-73	3,240	54,778	70,651	1,437
1973-74	3,357	60,863	79,036	1,507
1974-75	3,498	65,635	85,786	1,517
1975-76	3,937	75,651	98,898	1,580
1976-77	4,079	82,728	108,870	1,672
1977-78	4,323	93,313	122,561	1,735
1978-79	4,585	106,052	139,544	1,795
1979-80	4,950	119,918	160,214	1,868
1980-81	5,253	133,702	178,159	1,955
1981-82	5,525	141,626	188,933	1,976
1982-83	5,827	157,973	211,160	2,130
1983-84	6,273	177,406	239,666	2,153
1984-85	6,720	205,650	280,972	2,170
1985-86	7,201	231,378	319,224	2,125
1986-87	7,776	262,081	369,207	2,197
1987-88	8,247	292,164	424,844	2,182
1988-89	8,768	314,686	463,664	2,256
1989-90	9,292	330,080	490,299	2,537
1990-91	9,786	359,120	535,186	2,587
1991-92	10,191	388,142	580,143	2,722
1992-93	10,594	424,192	639,385	2,825
1993-94	10,863	458,945	701,108	2,823
1994-95	11,274	504,823	785,712	2,875
1995-96	11,712	537,428	843,423	2,895
1996-97	12,022	581,554	921,601	2,872
1997-98	12,486	635,168	1,016,657	2,964
1998-99	12,886	704,298	1,149,515	3,007
1999-00	13,253	768,586	1,272,317	3,070
2000-01	13,680	844,741	1,414,387	3,199
2001-02	14,157	937,951	1,585,516	3,388
2002-03	14,353	1,017,396	1,737,231	3,435
2003-04	14,904	1,101,802	1,887,770	3,558
2004-05	15,380	1,221,016	2,105,803	3,617
2005-06	16,000	1,339,282	2,312,611	3,638
2006-07	16,464	1,464,254	2,533,431	3,743
2007-08	17,032	1,580,821	2,736,445	3,817
2008-09	17,374	<u>1,691,905</u>	<u>2,929,929</u>	3,809
		19,957,933 **	32,361,918	

\*This represents the number of schools offering AP Exams to one or more students.

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

## Appendix E

### 2009 International Baccalaureate Schools Reimbursements (page 1/2)

<b>District-School</b>	<b>IB Teacher Training</b>	<b>Exam Reimbursement</b>	<b>Total District Reimbursement for Exams and Teacher Training</b>
Anoka-Hennepin - Evergreen '07	\$ 10,844.00		
Anoka-Hennepin Champlin Park '06	\$ 9,560.00	\$ 19,340.00	\$ 39,744.00
Brooklyn Center – Earle Brown '07	\$ 16,400.00		
Brooklyn Center JHS, HS	\$ -		\$ 16,400.00
East Metro Integration Dist – Crosswinds Art and Science '07	\$ 6,250.00		\$ 6,250.00
Fairmont High School	\$ 7,710.52	\$ 11,112.00	\$ 18,822.52
Fridley '09	\$ -		
Fridley – Hayes and Stevenson	\$ 19,350.00		
Fridley MS and HS '07	\$ 5,156.00		\$ 24,506.00
Grand Rapids '83	\$ 4,110.00	\$ 35,234.00	\$ 39,344.00
Great River Charter '08	\$ 5,021.14	\$ 1,047.00	\$ 6,068.14
Intl. Spanish Language Academy	\$ 10,461.81		\$ 10,461.81
Lakes Intl Language Academy '09	\$ 8,700.00		\$ 8,700.00
Minneapolis – North HS	\$ 32,500.00		
Minneapolis – Roosevelt HS	\$ 23,344.00		
Minneapolis – Anwatin MS	\$ 17,755.00		
Minneapolis – Henry HS	\$ 24,732.91	\$ 42,938.00	
Minneapolis – NE MS '08	\$ 4,345.00		
Minneapolis - Southwest HS '08	\$ 23,625.00	\$ 67,201.00	
Minneapolis –Edison HS	\$ 27,905.00		
Minneapolis Elizabeth Hall Intl '07	\$ 12,998.00		
Minneapolis Henry '87	\$ 6,979.57		
Minneapolis SW '87	\$ 10,000.00		
Minneapolis –Washburn HS	\$ 22,500.00		
Minneapolis Whittier Intl '07	\$ 10,000.00		
Minneapolis - District Coordination	\$ 4,891.71		\$ 331,715.19
Minnnetonka '04	\$ 7,905.00	\$ 45,020.00	\$ 52,925.00
Oseo -North View JHS '07/Park Center HS '07	\$ 12,572.33		
Osseo Park Center '08	\$ -		\$ 12,572.33
Prior Lake/Savage-Twin Oaks	\$ 3,750.00		\$ 3,750.00
Robbinsdale – Lakeview	\$ 12,900.00		
Robbinsdale – Sandburg MS '04 and Cooper HS	\$ 39,732.11		
Robbinsdale Cooper '98	\$ 10,450.00	\$ 31,718.00	\$ 94,800.11
Rochester Arts & Sciences Academy	\$ 8,300.00		
Rochester Arts/Sciences Acad	\$ -		\$ 8,300.00
So Wash County – Park HS	\$ 30,711.00		\$ 30,711.00
South St. Paul MS '08	\$ 16,970.00		
South St. Paul – Lincoln Center '09	\$ 16,600.00		
South St. Paul High School'86	\$ 2,995.00	\$ 32,896.00	
South St. Paul – Kaposia '09	\$ 9,700.00		\$ 62,191.00
Cyber Village Academy- St. Paul	\$ 5,495.00		\$ 5,495.00

St. Anthony Middle	\$	13,630.67		\$	13,630.67	
St. Bernard’s Elementary	\$	10,906.00		\$	10,906.00	
St. Louis Park – Peter Hobart K-3	\$	7,657.44				
St. Louis Park – Aquila PreK-3	\$	7,998.19				
St. Louis Park – Cedar Manor 4-6	\$	13,657.53				
St. Louis Park – Susan Lindgren 4-6	\$	7,749.05				
St. Louis ParkHigh School ‘00	\$	12,725.00	\$	46,783.00		
St. Louis Park HS	\$	21,891.74				
St. Louis Park JHS	\$	13,211.33		\$	131,673.28	
St. Paul - Central HS	\$	21,912.13	\$	74,247.00		
St. Paul - Highland JHS	\$	21,620.00				
St. Paul - Highland Pk High School	\$	27,388.00				
St. Paul – Ramsey JHS	\$	16,547.91				
St. Paul Benjamin E. Mays Intl ’07	\$	5,800.00				
St. Paul Central ‘87	\$	11,565.00				
St. Paul Harding ‘94	\$	11,655.00	\$	92,389.00		
St. Paul Highland ‘94	\$	4,000.98	\$	42,816.00		
St. Paul Highland Park Elem ‘03	\$	6,450.00		\$	336,391.02	
White Bear Lake – Centerpoint-Parkview	\$	10,000.00		\$	10,000.00	
Totals	\$	749,586.07	\$	542,741.00	\$	1,292,327.07

## Appendix F

## Minnesota IB Schools (2-20-09)

Levels	DP Schools*	MYP Schools*	PYP Schools*
<b>Authorized Schools</b> Identified as an IB World School	A-H Champlin Park '06 Fairmont '85 Grand Rapids '83 Great River Charter '08 Minneapolis Henry '87 Minneapolis SW '87 Minnetonka '04 Osseo – Park Center '08 Robbinsdale Cooper '98 South St. Paul '86 St. Louis Park '00 St. Paul Central '87 St. Paul Harding '94 St. Paul Highland '94	East Metro Integration Dist – Crosswinds Art & Science '07 Fridley MS and HS '07 Minneapolis – NE MS '08 Osseo – North View JHS '07 Park Center HS '07 Robbinsdale – Sandburg MS '04 Cooper HS '04 So. St. Paul MS '08	Anoka-Hennepin - Evergreen '07 Brooklyn Center – Earle Brown '07 Lakes Intl Language Academy '09 Minneapolis – Elizabeth Hall Intl '07 Minneapolis – Whittier Intl '07 St. Paul – Benjamin E. Mays Intl '07 St. Paul – Highland Park '03
<b>Candidate Schools: Application B</b> Preparing for site visit; pending site visit results	Fridley HS	St Paul-Cyber Village Academy Mpls – Anwatin MS/SW HS St. Anthony Middle St. Paul – Ramsey JHS, Central HS	So. St. Paul – Kaposia Lincoln Center
<b>Candidate Schools: Application A</b> Candidate status; developing program and curriculum	Minneapolis – Edison HS North HS Roosevelt HS Washburn HS So Wash County – Park HS	Brooklyn Center JHS, HS Minneapolis – Henry HS Prior Lake/Savage-Twin Oaks Rochester Arts/Sciences Acad St Paul - Highland JHS, HS	Fridley – Hayes and Stevenson Intl. Spanish Language Academy Robbinsdale – Lakeview Rochester Arts & Sciences Academy St. Bernard's Elementary St. Louis Park – Aquila PreK-3 Cedar Manor 4-6 Peter Hobart K-3 Susan Lindgren 4-6 White Bear Lake – Centerpoint
<b>Prospective Schools</b> Doing feasibility study; preparing to send in Intent to Apply Form and/or Application A		Minneapolis – Henry HS Edison HS Henry HS North HS Roosevelt HS Washburn HS St. Bernard's MS 6-10 St. Louis Park JHS, HS So Wash County – Cottage Grove JHS Oltman JHS	
<b>Exploring IB</b> (Exploring the possibility)	Duluth Prior Lake Spring Lake Park St. Bernards Stillwater Waconia	Duluth Osseo - Nobel Academy White Bear Lake Central MS, Sunrise Park MS Waconia	Duluth KMS Pre-school RAVE – Diamond Path White Bear Lake – Parkview Global Academy Waconia

\*Diploma Programme – Grades 11-12

\*Middle Years Programme – Grades 6-10

\*Primary Years Programme – Grades Pre-K-5

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## Appendix G

US IB Exam Profile by State

State	Schools	Candidates	Exams	Score 4 or above	Diploma Candidates	Diplomas Awarded	Diploma Pass Rate
AK	2	95	212				
AL	10	358	1118	801	177	108	61.02%
AR	6	262	652	363	69	30	43.48%
AZ	11	728	2202	1754	330	233	70.61%
CA	74	6480	15564	11735	1711	1195	69.84%
CO	22	2153	6510	5414	941	728	77.36%
CT	3	98	328				
DC	3	122	591				
DE	2	192	509				
FL	54	7050	23956	19841	3791	2918	76.97%
GA	22	1449	4215	2912	585	334	57.09%
HI	1	80	153				
IA	1	6	6				
ID	3	125	361				
IL	17	932	2896	1482	425	162	38.12%
IN	17	594	1726	1355	225	176	78.22%
KS	5	393	1104				
KY	5	318	781				
LA	3	159	386				
MA	5	201	778				
MD	21	1830	4808	3604	621	402	64.73%
ME	1	12	12				
MI	9	737	2062	1836	209	194	92.82%
<b>MN</b>	<b>13</b>	<b>2063</b>	<b>4550</b>	<b>2871</b>	<b>233</b>	<b>156</b>	<b>66.95%</b>
MO	9	794	1878	1402	177	110	62.15%
MS	1	75	216				
MT	1	74	159				
NC	26	1839	5119	3351	557	313	56.19%
NE	2	99	309				
NH	1	11	12				
NJ	10	956	2720	2127	348	232	66.67%
NM	2	119	587				
NV	3	286	852				
NY	37	4181	10781	7660	1048	675	64.41%
OH	16	824	1630	1104	146	82	56.16%
OK	2	162	576				
OR	17	1519	3609	2943	371	272	73.32%
PA	14	772	2186	1486	279	153	54.84%
RI	1	74	166				
SC	26	1196	3182	2255	383	209	54.57%
TN	7	287	556	357	56	22	39.29%
TX	34	2444	7723	5892	1065	712	66.85%
UT	7	417	1168	929	159	118	74.21%
VA	35	4945	12724	9521	1099	776	70.61%
WA	15	1669	4622	3659	497	365	73.44%
WI	8	727	2142	1500	216	134	62.04%
WV	1	31	76				
WY	2	127	349				