

EDMONTON PUBLIC SCHOOLS

September 24, 2002

TO: Board of Trustees

FROM: A. McBeath, Superintendent of Schools

SUBJECT: Advanced Placement Examination Results: 2002

ORIGINATOR: Bob Holt, Executive Director

RESOURCE

STAFF: Anne Mulgrew, Lorie Welk

INFORMATION

In May 2002, a total of 246 district students from three high schools (J. Percy Page, Jasper Place, and Strathcona) wrote 370 Advanced Placement (AP) Examinations. This is a decrease of 27 students compared to 2001. However, the number of examinations remained the same as in 2001. Tables 1, 2, and 3 provide district, Alberta, Canadian, and global results for May 2002.

**Table 1**  
**NUMBER OF STUDENTS WRITING**  
**ADVANCED PLACEMENT EXAMINATIONS: MAY 2002**

<b>Subject</b>	<b>EPS</b>	<b>Alberta</b>	<b>Canada</b>	<b>World</b>
Biology	27	250	893	97,762
Calculus AB	48	208	2038	157,524
Calculus BC	11	13	258	41,785
Chemistry	40	147	880	61,584
Computer Science A	12	22	235	15,660
Computer Science AB	7	38	127	7,799
English Lang & Composition	75	120	921	156,193
English Lit & Composition	112	377	2,044	215,313
European History	2	84	430	68,876
French Language	4	60	679	17,372
German Language	11	11	71	4,171
Physics B	19	102	582	37,447
Studio Art: Drawing	1	8	133	9,972
Studio Art: 3-D Design	1	1	15	1,358

Table 2 provides district, Alberta, Canada and world averages for the ten Advanced Placement courses in which at least six district students participated. For courses with enrolments of more than six, but less than 25 students (Calculus AB, Computer Science A and AB, German Language, and Physics) caution should be used in making any comparisons.

**Table 2**  
**AVERAGE SCORE (OUT OF 5) ON**  
**ADVANCED PLACEMENT EXAMINATIONS: MAY 2002**

Subject	EPS	Alberta	Canada	World
Biology	4.11	3.87	3.73	3.10
Calculus AB	3.71	4.01	3.70	3.11
Calculus BC	4.82	4.85	3.78	3.74
Chemistry	3.18	3.52	3.48	2.81
Computer Science A	4.42	3.95	3.53	2.99
Computer Science AB	4.43	4.32	3.59	3.39
English Lang & Composition	3.17	3.21	3.14	2.92
English Lit & Composition	3.46	3.39	3.11	3.00
German Language	4.55	4.55	4.07	3.22
Physics B	3.63	3.65	3.77	2.76

District averages were higher than Alberta averages for four of the ten courses and lower than Alberta averages for five of the ten courses. The district average for German was identical to the Alberta average as Edmonton Public Schools was the only Alberta jurisdiction that had students participating in this examination. District averages were higher than Canadian averages for all courses except Chemistry and Physics. District averages were higher than world averages for all ten courses.

Table 3 provides a summary of the percentages of students who achieved a score of three or higher on Advanced Placement examinations.

**Table 3**  
**PERCENTAGE OF STUDENTS ACHIEVING A SCORE OF 3 OR HIGHER**  
**ON ADVANCED PLACEMENT EXAMINATIONS: MAY 2002**

Subject	EPS	Alberta	Canada	World
Biology	96.3	91.6	84.5	64.6
Calculus AB	83.3	90.4	81.6	67.3
Calculus BC	100.0	100.0	80.2	81.2
Chemistry	75.0	78.2	78.0	57.4
Computer Science A	100.0	90.9	77.9	63.2
Computer Science AB	100.0	100.0	79.5	73.5
English Lang & Composition	73.3	75.0	68.9	61.5
English Lit & Composition	85.7	85.7	71.1	66.0
German Language	90.9	90.9	84.5	64.8
Physics B	84.2	91.2	90.0	60.1

The percentage of district students achieving a score of 3, 4, or 5 was equal to or higher than the Alberta result for six of the ten courses. The district percentage was higher than the Canadian result for all courses except Chemistry and Physics. The district percentage of students achieving a score of 3, 4, or 5 was higher than the world for all ten courses.

Appendix I provides a five-year graphic representation of district averages on Advanced Placement examinations for courses with registrations of twenty-five students or more. The district averages for 2002 were higher than the averages for 2001 for all five courses.

Appendix II provides Advanced Placement examination results for individual district schools.

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APPENDIX I - District Advanced Placement Examination Mark Averages: 1998-2002

APPENDIX II - Advanced Placement Examination Results for District Schools: May 2002



**ADVANCED PLACEMENT EXAMINATION RESULTS  
FOR DISTRICT SCHOOLS: MAY 2002**

Examination	J. Percy Page			Jasper Place		
	N	Ave.	% of Marks 3 or Higher	N	Ave.	% of Marks 3 or Higher
Calculus AB	10	2.6	50.0	11	3.5	81.8
Calculus BC				11	4.8	100.0
Computer Science A				12	4.4	100.0
Computer Science AB				7	4.4	100.0
English Lang & Comp				15	2.5	40.0
English Lit & Comp	14	3.4	78.6	19	3.0	73.7
European History				2	NR	NR
Studio Art: Drawing				1	NR	NR
Studio Art: 3-D Design				1	NR	NR

Examination	Strathcona		
	N	Ave.	% of Marks 3 or Higher
Biology	27	4.1	96.3
Calculus AB	27	4.3	96.3
Chemistry	40	3.2	75.0
English Lang & Comp.	60	3.3	81.7
English Lit & Comp.	79	3.6	89.9
French Language	4	NR	NR
German Language	11	4.6	90.9
Physics B	19	3.6	84.2

N = Number of examinations written

Ave. = Average score out of 5

% of Marks 3 or higher = Percentage of students who wrote the examination and received a mark of 3, 4, or 5

NR – Not reported as five or fewer students wrote