

EDMONTON PUBLIC SCHOOLS

September 11, 2001

TO: Board of Trustees

FROM: A. McBeath, Acting Superintendent of Schools

SUBJECT: Advanced Placement Examination Results: 2001

ORIGINATOR: Marion de Man, Department Head

RESOURCE

STAFF: Anne Mulgrew, Lorie Welk

INFORMATION

Overview

- There was a substantial increase in the number of examinations written and the number of students participating in the Advanced Placement program relative to the previous year.
- District averages were higher than world averages for all courses written with the exception of Chemistry.
- The district had a higher percentage of students achieve a score of 3, 4, or 5 than the world for all courses except Chemistry.

Detailed Report

In May 2001, a total of 273 district students from three high schools (J. Percy Page, Jasper Place, and Strathcona) wrote 370 Advanced Placement (AP) Examinations. This is an increase of 88 students and 96 examinations from 2000. Tables 1, 2, and 3 provide results for the district, Alberta, Canada, and the world for May 2001.

TABLE 1
NUMBER OF STUDENTS WRITING
ADVANCED PLACEMENT EXAMINATIONS: MAY 2001

Subject	EPS	Alberta	Canada	World
Biology	36	229	815	92 254
Calculus	43	196	1942	146 771
Chemistry	34	157	966	55 406
Computer Science	10	29	238	15 827
English Lit. & Composition	78	336	1999	201 288
English Lang. & Composition	127	171	754	135 428
French Language	11	60	740	16 533
German Language	17	17	78	1 161
Physics	14	73	533	34 001

Table 2 provides district, Alberta, Canada and world averages for the nine Advanced Placement courses in which district students participated. For courses with enrolments of less than 25

students (Computer Science, French Language, German Language, and Physics), caution should be used in making any comparisons.

**TABLE 2
AVERAGE SCORE (OUT OF 5) ON
ADVANCED PLACEMENT EXAMINATIONS: MAY 2001**

Subject	EPS	Alberta	Canada	World
Biology	3.44	3.79	3.56	2.97
Calculus	3.33	3.78	3.58	3.00
Chemistry	2.53	3.40	3.33	2.82
Computer Science	4.30	3.59	3.50	2.91
English Lit. & Composition	3.13	3.14	3.05	2.96
English Lang. & Composition	3.06	3.14	3.10	2.84
French Language	3.64	3.87	3.66	2.76
German Language	3.76	3.76	4.17	3.11
Physics	2.93	3.52	3.72	2.77

District averages were lower than Alberta averages for all courses except Computer Science. The district average for German was identical to the Alberta average as Edmonton Public was the only jurisdiction that had students participating in this examination. District averages were higher than Canadian averages for Computer Science and English Literature & Composition, but lower for the remaining seven courses. District averages were higher than world averages for all courses except Chemistry.

**TABLE 3
PERCENTAGE OF STUDENTS ACHIEVING A SCORE OF 3 OR HIGHER
ON ADVANCED PLACEMENT EXAMINATIONS: MAY 2001**

Subject	EPS	Alberta	Canada	World
Biology	80.6	90.0	79.3	58.8
Calculus	83.7	85.7	79.6	63.9
Chemistry	52.9	79.0	74.8	57.9
Computer Science	90.0	75.9	79.4	60.9
English Lit. & Composition	73.1	75.0	67.8	63.2
English Lang. & Composition	68.5	73.1	69.9	58.4
French Language	81.8	88.3	85.8	57.6
German Language	94.1	94.1	93.6	62.9
Physics	64.3	83.6	88.9	59.5

The district had a higher percentage of students achieve a score of 3, 4, or 5 than the Canadian result for five of the nine courses (Biology, Calculus, Computer Science, English Literature & Composition and German). The district had a higher percentage of students achieve a score of 3, 4, or 5 than the world for all courses except Chemistry.

When comparing district results from 2001 to results for 2000, the district average is higher for Calculus, Computer Science, French and German but lower for the remaining courses. No comparisons can be made for English Language & Composition as this is the first year that district students have participated in the examination. Appendix I provides district results from 1996 to 2001.

Appendix II provides Advanced Placement examination results for district schools.

AM:fm

APPENDIX I - District Advanced Placement Examination Mark Averages: 1996-2001

APPENDIX II - Advanced Placement Examination Results for District Schools: May 2001