



Omaha Public Schools 2022-23 Advanced Placement (AP) Annual Report

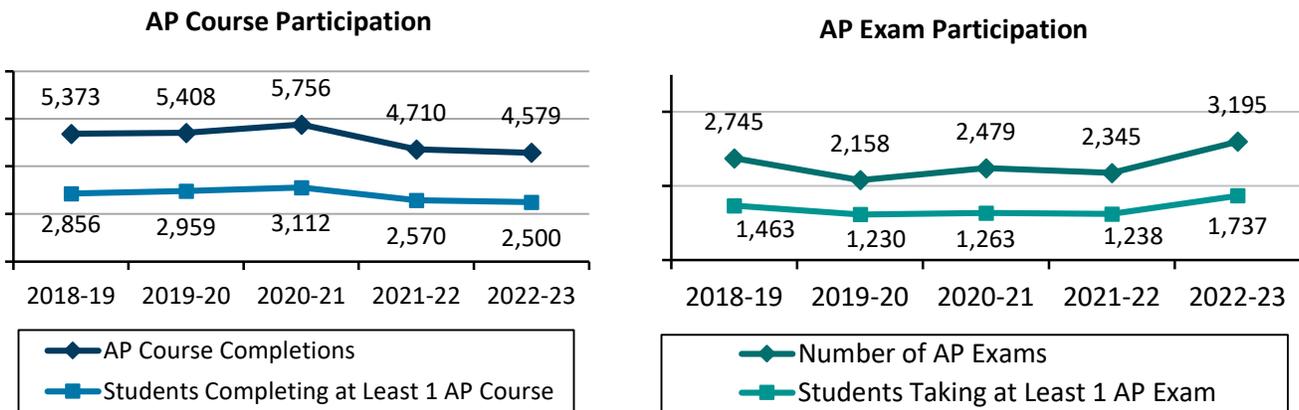
Omaha Public Schools (OPS) has a long history of offering Advanced Placement (AP) courses and exams to its students. These opportunities allow students to gain higher-level academic skills and the chance to earn college credit while in high school. AP is a program of the College Board. AP courses are developed and taught by teachers whose expertise and experience in their subject enhance the learning experience for students. The curriculum and expectations in AP courses follow the College Board AP guidelines. Students voluntarily participate in AP exams, in general at cost to the student (though the College Board, OPS, and the State of Nebraska, offer financial assistance to students in need). Successful completion of AP exams (at most colleges a score of 3, 4, or 5) offers students the opportunity to earn advanced academic college credit.

This report is organized into three sections: (1) Participation in AP Courses and Exams, (2) Performance in AP Courses and on AP Exams, and (3) Appendix A: District and High School AP Course Participation and AP Exam Performance.

AP Participation: Courses and Exams

The AP program in OPS offers high school students the chance to take college level courses in several different curricular areas including English/Literature, Sciences, Social Studies, Mathematics, World Language, and the Arts (Art and Music). All nine OPS high schools have an AP program. During the 2022-23 school year, 4,579 AP courses were completed by 2,500 individual OPS students and 3,195 AP exam scores were earned by 1,737 individual OPS students. Please see Appendix A for greater detail on the types of AP courses and exams in which OPS students participated district wide and at each high school.

Figure 1: Five Year Trend in AP Course and Exam Participation for the OPS District



- The number of AP courses completed and the number of students participating in AP courses had been increasing over the past 3 years but decreased in 2021-22 and again in 2022-23.
- The number of AP exams taken fluctuated over the past four years but increased in 2022-23. The number of students taking AP exams has been relatively stable but also increased in 2022-23.
- The percentage of individual AP course participants opting to participate in at least one AP exam increased to 70% in 2022-23. This is a twenty-two percentage points increase over 2021-22.

Table 1: 2022-23 Individual Student Counts and Percentages for the District and Each High School

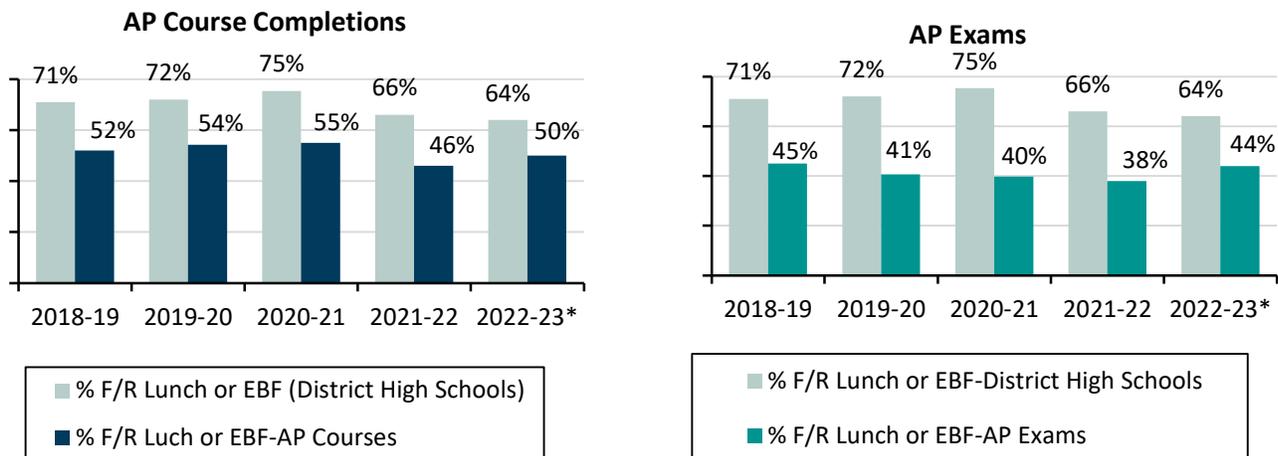
	District	Benson	Bryan	Buena Vista	Burke	Central	North	Northwest	South	Westview
AP Courses										
# Taking at least 1	2,500	284	307	50	482	468	249	138	466	57
% of all students*	17.6%	19.8%	20.3%	7.1%	27.2%	18.6%	15.7%	9.7%	18.7%	7.8%
% of 11 th and 12 th grade*	36.5%	39.3%	35.6%	**	46.8%	36.2%	31.1%	18.4%	33.5%	**
AP Exams										
# Taking at least 1	1,737	162	172	43	420	304	200	120	263	53
% of all students*	12.3%	11.3%	11.4%	6.1%	23.7%	12.1%	12.6%	8.4%	10.6%	7.3%
% of 11 th and 12 th grade*	25.4%	22.4%	20.0%	**	40.7%	23.5%	25.0%	16.0%	18.9%	**

*Participation percentages were calculated using Official Membership student counts as the denominator

**Buena Vista and Westview High Schools did not have 11th and 12th grade students in 2022-23

- In 2022-23 student participation in AP courses and exams varied substantially across OPS high schools.
- With the exception of the two new high schools and Northwest, all schools had nearly or over one third of 11th and 12th grade students participating in at least one AP course. Burke and Benson had the highest participation rates (46.8% and 39.3% respectively).
- Burke High School had the highest percentage of their 11th and 12th grade students participating in at least one AP exam (40.7%).

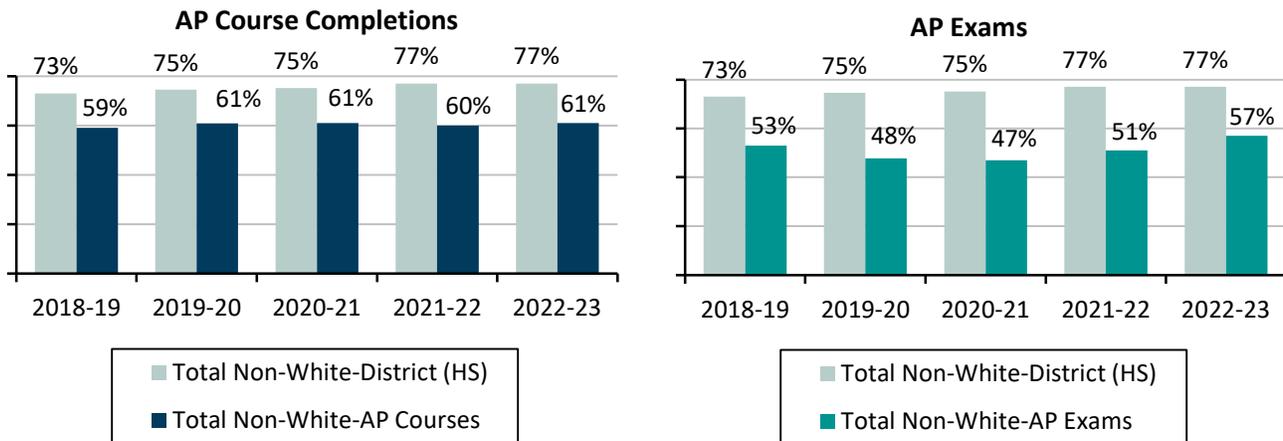
Figure 2: Lunch/Educational Benefits Distributions in AP Course and Exam Completions Compared to the District



*In 2022-23 the OPS district moved away from lunch status to Educational Benefits eligibility as an indicator of socioeconomic status.

- Over the past 5 years, students who were eligible for free or reduced price lunch or educational benefits were underrepresented in both AP course and exam completions; students who were eligible for free or reduced price lunch accounted for 64% to 75% of the student body but completed only 46% to 55% of AP courses and 38% to 45% of AP exams.
- The severity of the underrepresentation of economically disadvantaged students in AP courses and exams has fluctuated over the years, but decreased in 2022-23.

Figure 3: Ethnic Distribution in AP Course and Exam Completions Compared to the District



- Over the past 5 years, students of color were underrepresented in both AP course and exam completions; students of color accounted for 73% to 77% of the student body but completed only 59% to 61% of AP courses and 47% to 57% of exams.
- In 2022-23, the underrepresentation of students of color decreased slightly for AP courses but decreased more substantially for exams.

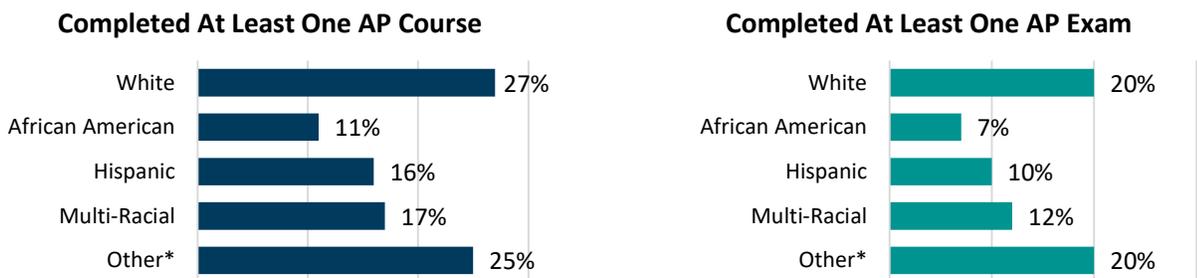
Rather than look at the percentage of AP courses and/or exams completed by students from specified student groups (Figures 2 and 3), the following figures (Figures 4 and 5) illustrate the percentage of economically disadvantaged students and students of color who completed at least one AP course or exam. Overall, during 2022-23, 18% of OPS high school students completed at least one AP course and 12% completed at least one AP exam.

Figure 4: 2022-23 AP Course and Exam Participation of Students Who Are and Are Not Eligible for Educational Benefits



- In 2022-23, students who were eligible to receive educational benefits were less likely to participate in at least one AP course.
- Likewise, students who were eligible to receive educational benefits were nearly two times less likely to participate in at least one AP exam.

Figure 5: 2022-23 AP Course and Exam Participation of Students of Different Race/Ethnicities



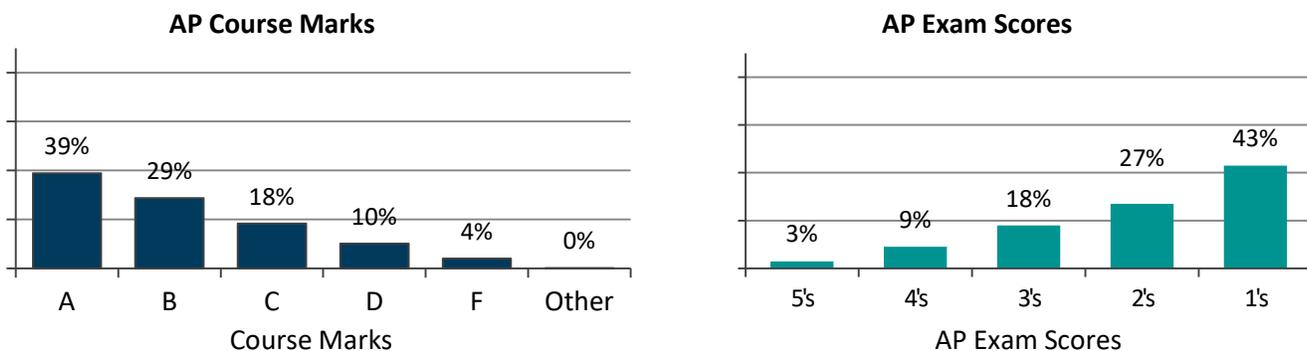
* "Other" students were predominantly Asian American but also included Native American and Pacific Islander students

- In 2022-23, White students were more than two times more likely than African American students and nearly two times more likely than Hispanic students to participate in at least one AP course.
- Likewise, White students were nearly three times more likely than African American students, and two times more likely than Hispanic students, to participate in at least one AP exam.

AP Performance: Courses and Exams

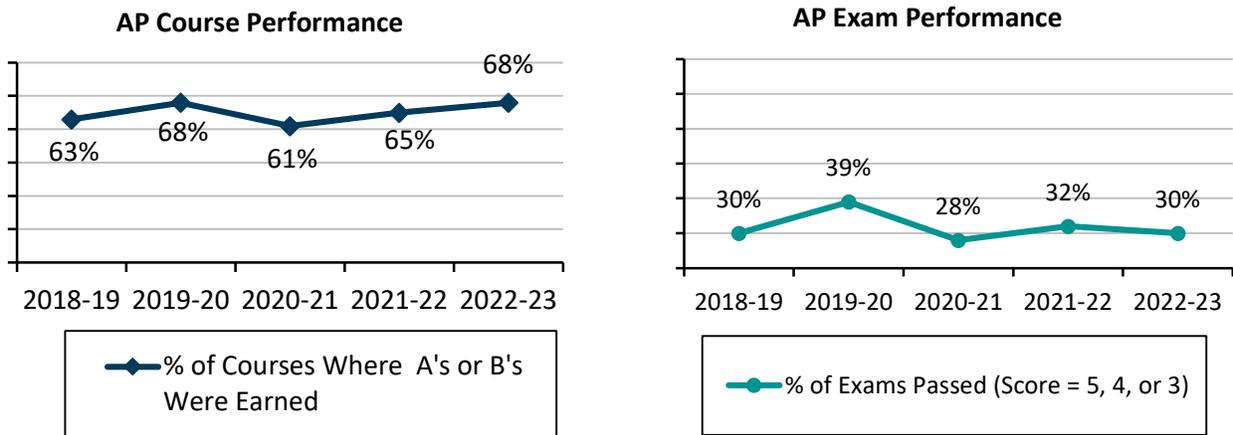
This section of the report seeks to illustrate students' performance in AP courses as well as AP exams. Success in AP courses is defined by course marks earned, with a focus on the percentage of students earning A's or B's. Success on AP exams is defined by scores earned, with a focus on the percentage of students earning 3's, 4's, and 5's. As mentioned earlier, successful completion of AP exams is defined at most colleges as a score of 3, 4, or 5. Please see Appendix A for greater detail on AP exam success rates at the district, school, and exam level.

Figure 6: 2022-23 AP Course Mark and Exam Score Distributions



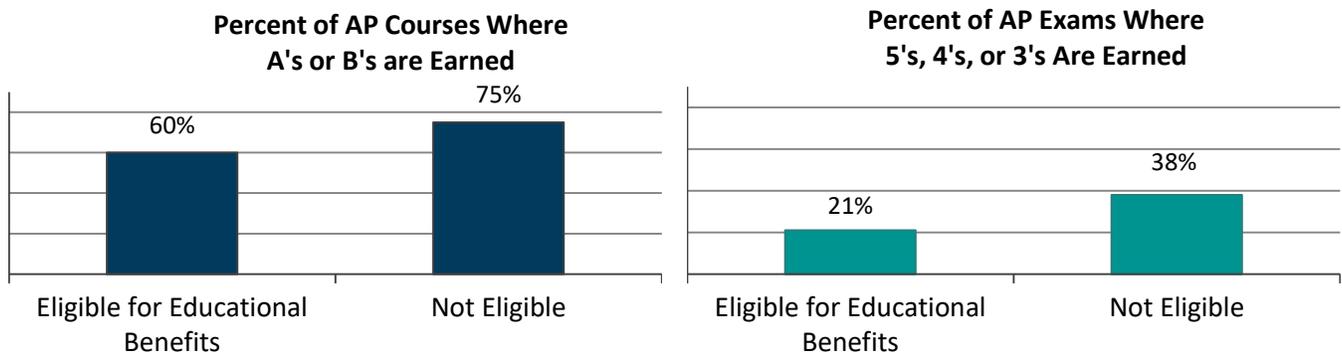
- In 2022-23, A's and B's were earned in most (68%) AP courses.
- In 2022-23, Scores of 5, 4, or 3, were earned on 30% of AP exams.

Figure 7: Five Year Trend in AP Course and Exam Performance



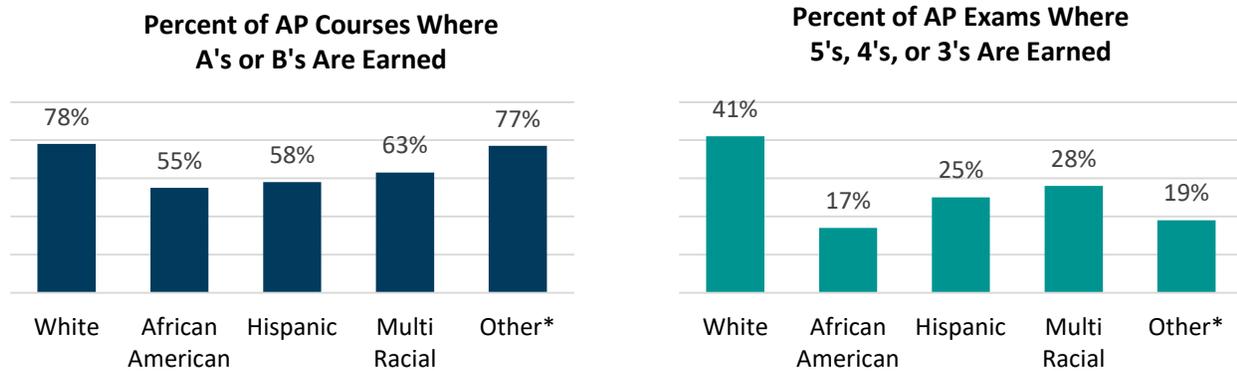
- Over the past five years, A's and B's were earned by students in most of their AP courses; the percentage of courses where A's and B's were earned increased in 2022-23 when compared to the previous year.
- The percentage of AP exams where a score of 5, 4, or 3 was earned decreased slightly to 30% in 2022-23.

Figure 8: 2022-23 AP Course and Exam Success Rates for Students Who Are and Are Not Eligible for Educational Benefits



- When compared to their more affluent counterparts, students who were eligible for Educational Benefits were less likely to earn A's or B's in their AP courses and less likely to earn a 5, 4, or 3 on their AP exams.

Figure 9: 2022-23 AP Course and Exam Success Rates for Students from Different Racial/Ethnic Groups



* "Other" students were predominantly Asian American but also included Native American and Pacific Islander students

- African American, Hispanic, and Multi-Racial students were less likely than White students to earn an A or a B in their AP course.
- Likewise, students of color (African American, Hispanic, Multi-Racial and "Other" students) were less likely to earn a score of 5, 4, or 3 on their AP exams.

Appendix A

Omaha Public Schools: District and High Schools 22-23 AP Course Completion and AP Exam Results - All Students (All Grade Levels)

AP Course/Exam Title	District				Benson				Bryan High			
	Enrollment & Exam Results				Enrollment & Exam Results				Enrollment & Exam Results			
	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate
Arts	109	108	62	57.4%	31	25	12	48.0%	0	0	0	
Art History	31	25	9	36.0%								
Music Theory	28	17	8	47.1%	12	4	0	0.0%				
Aural Subscore		17	7	41.2%		4		0.0%				
Non-Aural Subscore		17	8	47.1%		4		0.0%				
2-D Design Portfolio	18	17	16	94.1%	6	6	5	83.3%				
3-D Design Portfolio	4	3	3	100.0%	1	1	1	100.0%				
Drawing Portfolio	28	12	11	91.7%	12	6	6	100.0%				
English & Literature	1064	744	243	32.7%	131	84	21	25.0%	178	80	9	11.3%
English Lang. & Comp.	536	407	100	24.6%	75	48	1	2.1%	86	55	2	3.6%
English Lit. & Comp.	469	305	120	39.3%	56	36	20	55.6%	71	18	3	16.7%
Research	2	1		0.0%								
Seminar	12	12	12	100.0%								
Spanish Literature	45	19	11	57.9%					21	7	4	57.1%
Mathematics	530	434	97	22.4%	13	11	1	9.1%	59	41	10	24.4%
Calculus AB	147	112	6	5.4%	7	7	0	0.0%	14	11	1	9.1%
Calculus BC	43	34	11	32.4%								
AB Subscore		34	15	44.1%								
Computer Science A	37	24	6	25.0%								
Computer Science AB												
Computer Sci. Princ.	85	63	28	44.4%					29	25	9	36.0%
Statistics	218	167	31	18.6%	6	4	1	25.0%	16	5	0	0.0%
Science	389	304	66	21.7%	69	43	5	11.6%	37	28	4	14.3%
Biology	125	94	23	24.5%	22	14	2	14.3%	16	9	1	11.1%
Chemistry	76	65	16	24.6%	17	14	2	14.3%	13	12	3	25.0%
Environmental Science	56	38	9	23.7%	30	15	1	6.7%				
Physics 1	108	88	10	11.4%					8	7	0	0.0%
Physics 2	8	8	4	50.0%								
Physics C-Elec. & Mag.	4	0	0									
Physics C-Mechanics	12	11	4	36.4%								
Social Studies	2280	1468	393	26.8%	258	139	11	7.9%	258	138	15	10.9%
European History	45	32	12	37.5%								
Gov. & Politics: Comp.	149	39	18	46.2%	13	3	1	33.3%	32	10	3	30.0%
Gov. & Politics: US	569	266	27	10.2%	62	22	2	9.1%	35	22	2	9.1%
Human Geography	449	357	94	26.3%	71	40	3	7.5%	78	54	1	1.9%
Macroeconomics	18	17	9	52.9%								
Microeconomics	18	17	8	47.1%								
Psychology	219	150	37	24.7%	27	13	1	7.7%	20	8	0	0.0%
United States History	138	124	30	24.2%	15	14	0	0.0%	10	8	2	25.0%
World History	675	466	158	33.9%	70	47	4	8.5%	83	36	7	19.4%
World Lang.	207	137	110	80.3%	11	7	6	85.7%	20	13	10	76.9%
French Lang. & Culture	10	8	0	0.0%		1		0.0%				
Geman Lang. & Culture	3	0	0									
Spanish Lang. & Culture	194	129	110	85.3%	11	6	6	100.0%	20	13	10	76.9%
Grand Total	4579	3195	971	30.4%	513	309	56	18.1%	552	300	48	16.0%

AP Course/Exam Title	Buena Vista				Burke				Central			
	Enrollment & Exam Results				Enrollment & Exam Results				Enrollment & Exam Results			
	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate
Arts					51	40	20	50.0%	16	30	23	76.7%
Art History					31	25	9	36.0%				
Music Theory					4	3	2	66.7%	10	8	6	75.0%
Aural Subscore						3	2	66.7%		8	6	75.0%
Non-Aural Subscore						3	2	66.7%		8	6	75.0%
2-D Design Portfolio									6	6	5	83.3%
3-D Design Portfolio												
Drawing Portfolio					16	6	5	83.3%				
English & Literature					179	164	69	42.1%	167	124	75	60.5%
English Lang. & Comp.					80	71	26	36.6%	95	84	48	57.1%
English Lit. & Comp.					93	88	39	44.3%	61	32	23	71.9%
Research					2	1	0	0.0%				
Seminar					4	4	4	100.0%				
Spanish Literature									11	8	4	50.0%
Mathematics					147	140	19	13.6%	136	105	50	47.6%
Calculus AB					28	21	2	9.5%	32	25	3	12.0%
Calculus BC					15	13	0	0.0%	21	14	10	71.4%
AB Subscore						13	0	0.0%		14	11	78.6%
Computer Science A					11	8	0	0.0%	11	6	3	50.0%
Computer Science AB												
Computer Sci. Princ.					20	17	7	41.2%	28	16	10	62.5%
Statistics					73	68	10	14.7%	44	30	13	43.3%
Science					68	58	17	29.3%	86	69	22	31.9%
Biology					13	10	2	20.0%	36	30	11	36.7%
Chemistry					13	11	8	72.7%	5	4	3	75.0%
Environmental Science					13	12	5	41.7%				
Physics 1					23	22	1	4.5%	37	29	6	20.7%
Physics 2												
Physics C-Elec. & Mag.					3	0	0					
Physics C-Mechanics					3	3	1	33.3%	8	6	2	33.3%
Social Studies	50	43	3	7.0%	547	447	141	31.5%	474	256	141	55.1%
European History					45	32	12	37.5%				
Gov. & Politics: Comp.									94	17	9	52.9%
Gov. & Politics: US					119	73	11	15.1%	123	45	7	15.6%
Human Geography	50	43	3	7.0%	67	60	26	43.3%	53	53	35	66.0%
Macroeconomics					18	17	9	52.9%				
Microeconomics					18	17	8	47.1%				
Psychology					103	94	21	22.3%	44	24	12	50.0%
United States History					37	36	10	27.8%	27	20	14	70.0%
World History					140	118	44	37.3%	133	97	64	66.0%
World Lang.					21	19	10	52.6%	14	8	6	75.0%
French Lang. & Culture					5	4	0	0.0%	1	1		0.0%
German Lang. & Culture									3			
Spanish Lang. & Culture					16	15	10	66.7%	10	7	6	85.7%
Grand Total	50	43	3	7.0%	1013	868	276	31.8%	893	592	317	53.5%

AP Course/Exam Title	North				Northwest				South			
	Enrollment & Exam Results				Enrollment & Exam Results				Enrollment & Exam Results			
	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate
Arts	5	8	2	25.0%	0	0	0		6	5	5	100.0%
Art History												
Music Theory	2	2	0	0.0%								
Aural Subscore		2	0	0.0%								
Non-Aural Subscore		2	0	0.0%								
2-D Design Portfolio									6	5	5	100.0%
3-D Design Portfolio	3	2	2	100.0%								
Drawing Portfolio												
English & Literature	145	123	42	34.1%	97	90	13	14.4%	167	79	14	17.7%
English Lang. & Comp.	75	60	15	25.0%	41	39	3	7.7%	84	50	5	10.0%
English Lit. & Comp.	62	55	19	34.5%	56	51	10	19.6%	70	25	6	24.0%
Research Seminar	8	8	8	100.0%								
Spanish Literature									13	4	3	75.0%
Mathematics	74	69	16	23.2%	26	23	0	0.0%	75	45	1	2.2%
Calculus AB	19	19	0	0.0%	7	5	0	0.0%	40	24	0	0.0%
Calculus BC	7	7	1	14.3%								
AB Subscore		7	4	57.1%								
Computer Science A	8	6	3	50.0%					7	4	0	0.0%
Computer Science AB												
Computer Sci. Princ.	8	5	2	40.0%								
Statistics	32	25	6	24.0%	19	18	0	0.0%	28	17	1	5.9%
Science	62	56	16	28.6%	13	11	0	0.0%	54	39	2	5.1%
Biology	15	13	5	38.5%	13	11	0	0.0%	10	7	2	28.6%
Chemistry	2	2	0	0.0%					26	22	0	0.0%
Environmental Science	13	11	3	27.3%								
Physics 1	23	21	3	14.3%					17	9	0	0.0%
Physics 2	7	7	4	57.1%					1	1	0	0.0%
Physics C-Elec. & Mag.	1	0	0									
Physics C-Mechanics	1	2	1	50.0%								
Social Studies	180	146	39	26.7%	92	70	8	11.4%	364	175	23	13.1%
European History												
Gov. & Politics: Comp.	10	9	5	55.6%								
Gov. & Politics: US	57	51	4	7.8%	39	23	0	0.0%	134	30	1	3.3%
Human Geography	15	13	8	61.5%					79	61	8	13.1%
Macroeconomics												
Microeconomics												
Psychology	25	11	3	27.3%								
United States History	12	10	1	10.0%	16	15	1	6.7%				
World History	61	52	18	34.6%	37	32	7	21.9%	151	84	14	16.7%
World Lang.	0	1	0	0.0%	0	0	0		141	89	78	87.6%
French Lang. & Culture		1		0.0%					4	1	0	0.0%
German Lang. & Culture												
Spanish Lang. & Culture									137	88	78	88.6%
Grand Total	466	403	115	28.5%	228	194	21	10.8%	807	432	123	28.5%

AP Course/Exam Title	<u>Westview</u>			
	Enrollment & Exam Results			
	Crs Enrlmnt	Tests Taken	# Pass	Pass Rate
Arts	0	0	0	
Art History				
Music Theory				
Aural Subscore				
Non-Aural Subscore				
2-D Design Portfolio				
3-D Design Portfolio				
Drawing Portfolio				
English & Literature	0	0	0	
English Lang. & Comp.				
English Lit. & Comp.				
Research				
Seminar				
Spanish Literature				
Mathematics	0	0	0	
Calculus AB				
Calculus BC				
AB Subscore				
Computer Science A				
Computer Science AB				
Computer Sci. Princ.				
Statistics				
Science	0	0	0	
Biology				
Chemistry				
Environmental Science				
Physics 1				
Physics 2				
Physics C-Elec. & Mag.				
Physics C-Mechanics				
Social Studies	57	53	12	22.6%
European History				
Gov. & Politics: Comp.				
Gov. & Politics: US				
Human Geography	36	32	10	31.3%
Macroeconomics				
Microeconomics				
Psychology				
United States History				
World History	21	21	2	9.5%
World Lang.	0	0	0	
French Lang. & Culture				
Geman Lang. & Culture				
Spanish Lang. & Culture				
Grand Total	57	53	12	22.6%