



Omaha Public Schools 2019-20 Advanced Placement (AP) Annual Report

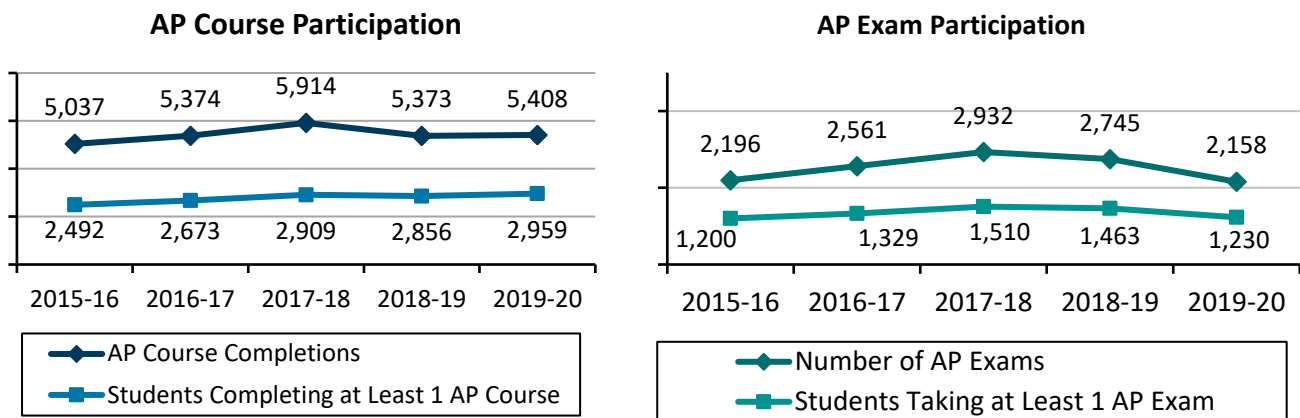
Omaha Public Schools (OPS) has a long history of offering Advanced Placement (AP) courses and exams to its students. These opportunities allow students to gain higher-level academic skills and the chance to earn college credit while in high school. AP is a program of the College Board. AP courses are 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, Foreign Language, and the Arts (Art and Music). All seven OPS high schools have a substantive AP program. During the 2019-20 school year, 5,408 AP courses were completed by 2,959 individual OPS students and 2,158 AP exam scores were earned by 1,230 individual OPS students. Please see Appendix A for greater detail on the types of AP courses and exams in which OPS students participated.

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



- Overall, the number of AP courses and exams completed and the number of students participating in AP courses and exams increased since the 2014-15 school year with the peak of participation occurring in the 2017-18 school year.
- During the 2014-15 through 2018-19 school years, approximately half of the individual students participating in at least one AP course opted to participate in at least one AP exam. In 2019-20 this dropped to 42%.

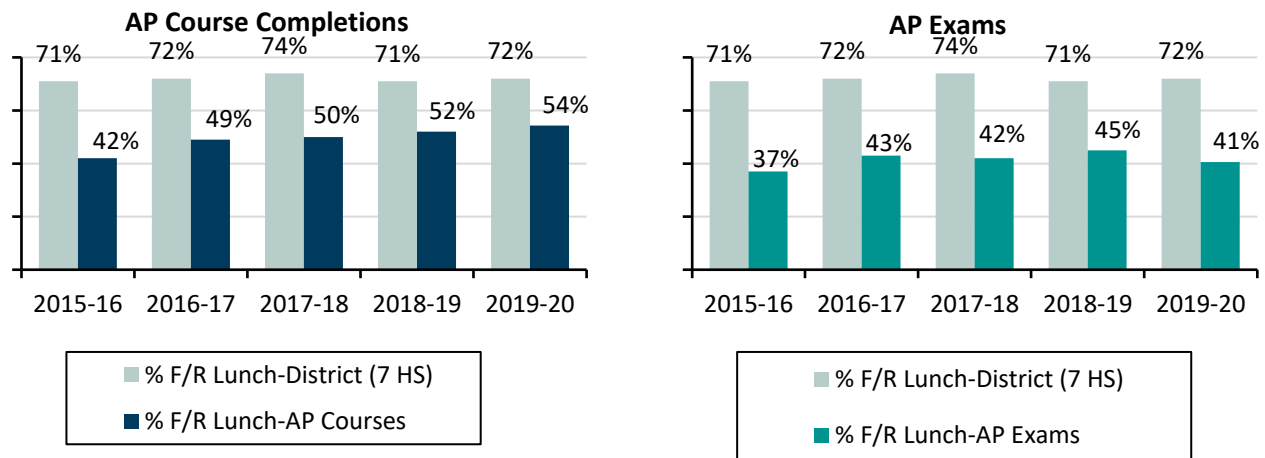
Table 1: 2019-20 Individual Student Counts and Percentages for the District and Each High School

		District	Benson	Bryan	Burke	Central	North	Northwest	South
AP Courses	Students completing at least one	2,959	234	472	604	513	267	228	634
	Percentage of entire student body*	21.0%	17.1%	26.0%	30.2%	19.6%	14.5%	13.8%	22.5%
	Percentage of 11 th and 12 th grade students*	43.6%	35.9%	51.4%	61.9%	40.8%	31.0%	29.6%	46.7%
AP Exams	Students taking at least one	1,230	101	86	424	239	116	92	171
	Percentage of student body*	8.7%	7.4%	4.7%	21.2%	9.2%	6.3%	5.6%	6.1%
	Percentage of 11 th and 12 th grade students*	18.1%	15.5%	9.4%	43.5%	19.0%	13.5%	12.0%	12.6%

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

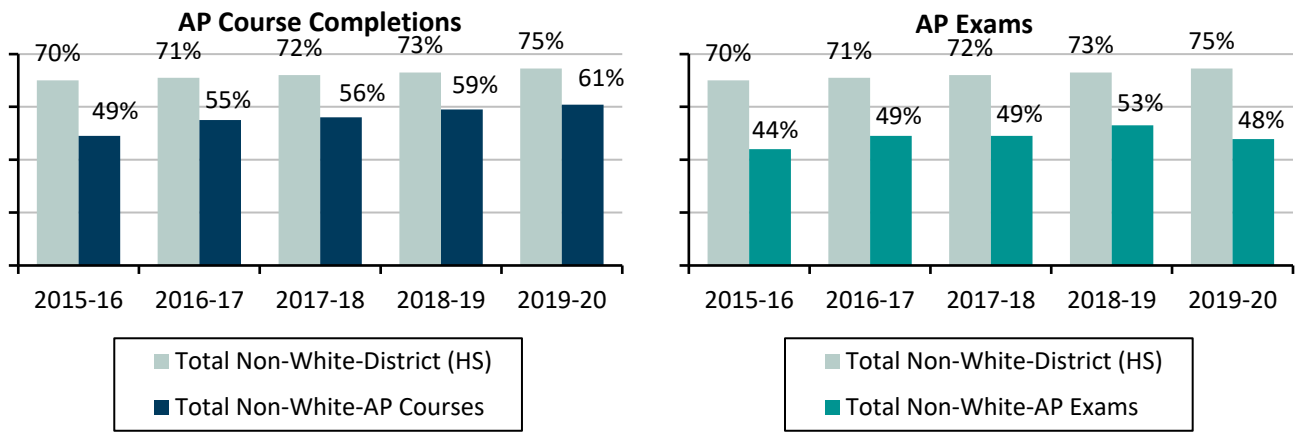
- In 2019-20 the level of student participation in AP courses and exams varied substantially across OPS high schools.
- While all schools had over a quarter of their 11th and 12th grade students participating in at least one AP course, Burke and Bryan had the highest participation rates (61.9% and 51.4% respectively).
- Burke and Central High Schools had the highest percentage of their students participating in at least one AP exam.

Figure 2: Lunch Status Distribution in AP Course and Exam Completions Compared to the District



- Over the past 5 years, students who were eligible for free or reduced price lunch were underrepresented in both AP course and exam completions; students who were eligible for free or reduced price lunch accounted for 71% to 74% of the student body but completed only 42% to 54% of AP courses and 37% to 45% of AP exams.
- The underrepresentation of students eligible for free or reduced price lunch has decreased over the past 5 years for AP courses, but increased for exams in 2019-20.

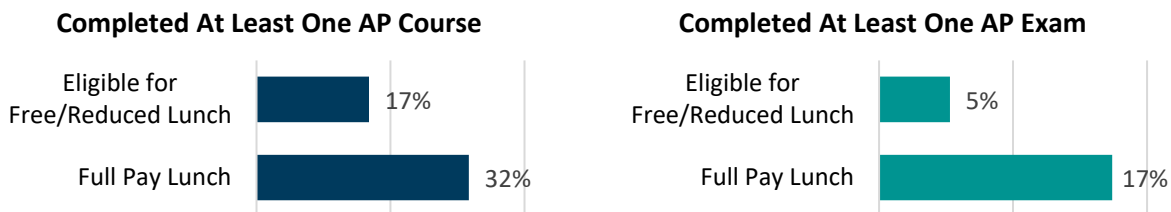
Figure 3: Ethnic Distribution in AP Course and Exam Completions Compared to the District



- Over the past 5 years, students of color were underrepresented in both AP course and exam completions; students of color accounted for 69% to 75% of the student body but completed only 49% to 61% of AP courses and 44% to 53% of exams.
- The underrepresentation of students of color has decreased over the past 5 years for AP courses, but increased for exams in 2019-20.

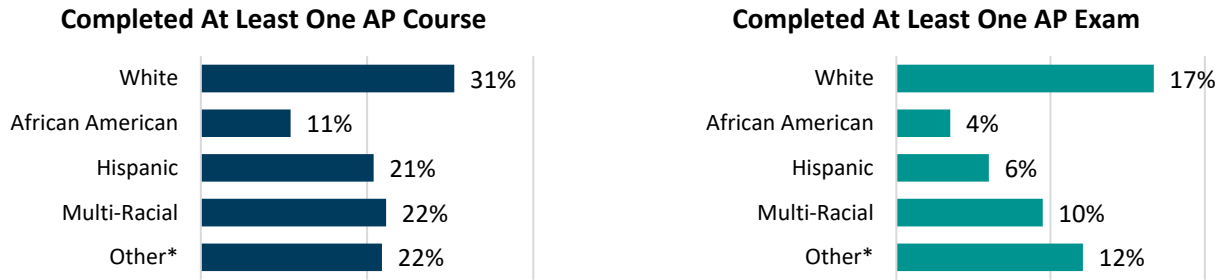
Rather than look at the percentage of AP courses and/or exams completed by students from specified student groups (Figures 2 and 3), the following figures (Figures 4 and 5) illustrate the percentage of economically disadvantaged students and students of color who completed at least one AP course or exam. Overall during 2019-20, 21% of OPS high school students completed at least one AP course and 9% completed at least one AP exam.

Figure 4: 2019-20 AP Course and Exam Participation of Students Who Are and Are Not Eligible for Free or Reduced Price Lunch



- In 2019-20, students who were not eligible to receive free or reduced price lunch were more likely to participate in at least one AP course.
- Likewise, students who were not eligible to receive free or reduced price lunch were over three times more likely to participate in at least one AP exam.

Figure 5: 2019-20 AP Course and Exam Participation of Students of Different Race/Ethnicities



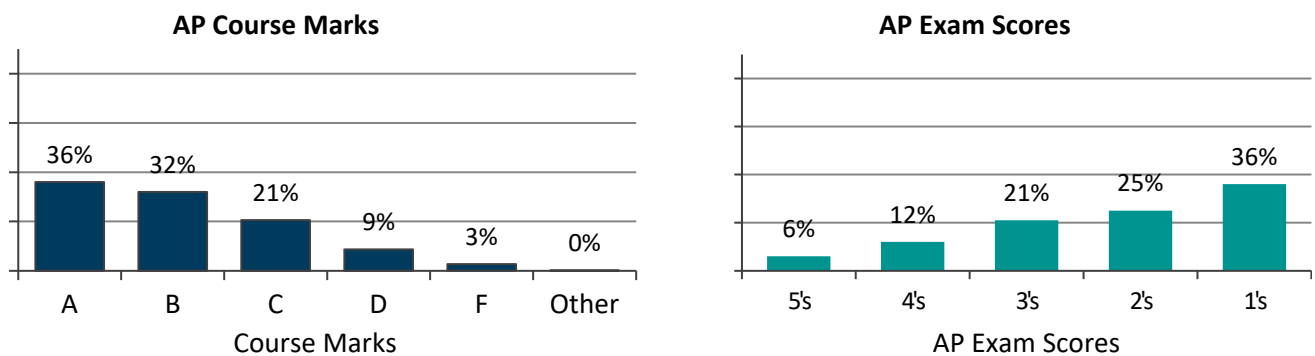
* "Other" students were predominantly Asian American but also included Native American and Pacific Islander students

- In 2019-20, White students were two times more likely than African American students to participate in at least one AP course.
- Likewise, White students were four times more likely than African American students, and more than two times more likely than Hispanic students, to participate in at least one AP exam.

AP Performance: Courses and Exams

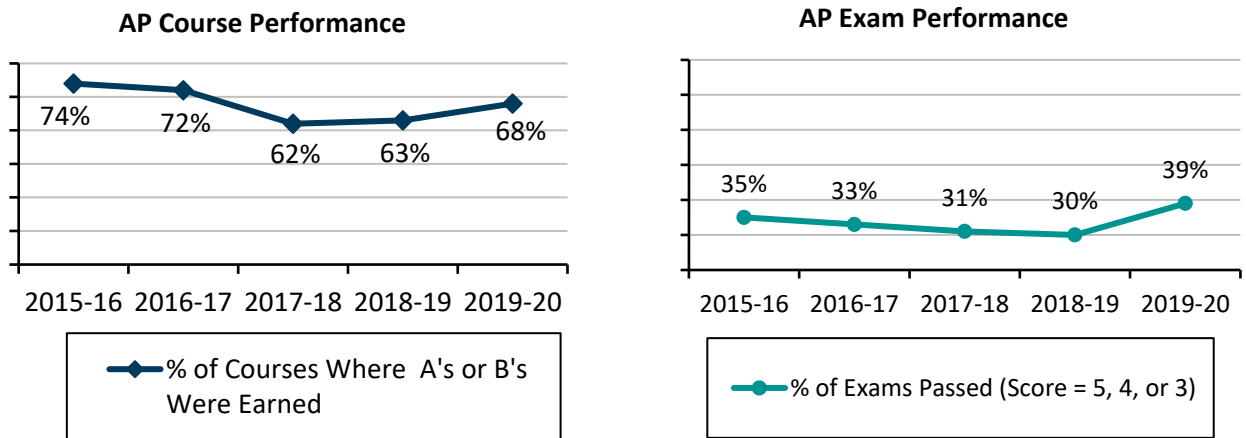
This section of the report seeks to illustrate students’ performance in AP courses as well as AP exams. Success in AP courses is defined by course marks earned, with a focus on the percentage of students earning A’s or B’s. Success on AP exams is defined by scores earned, with a focus on the percentage 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: 2019-20 AP Course Mark and Exam Score Distributions



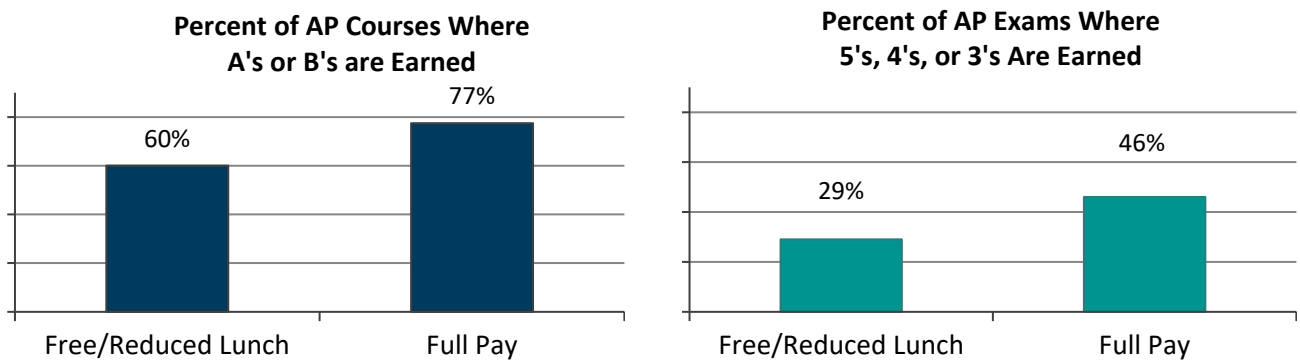
- In 2019-20, A’s and B’s were earned in most (68%) AP courses.
- In 2019-20, Scores of 5, 4, or 3, were earned on well over a third (39%) of AP exams.

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



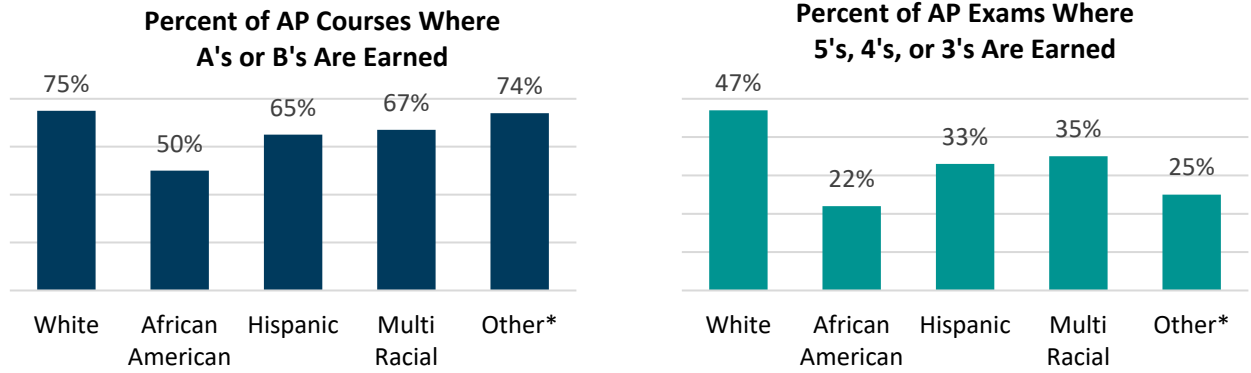
- Over the past five years, A's and B's were earned by students in most of their AP courses; the percentage of courses where A's and B's were earned decreased for 2017-18 and 2018-19 but increased in 2019-20.
- The percentage of AP exams where a score of 5, 4, or 3 was earned has decreased steadily over the past four years but increased substantially in 2019-20.

Figure 8: 2019-20 AP Course and Exam Success Rates for Students Who Are and Are Not Eligible for Free or Reduced Price Lunch



- When compared to their more affluent counterparts, students who were eligible for free or reduced price lunch 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: 2019-20 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

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

Appendix A: District and High School AP Course Participation and AP Exam Performance

	District Enrollment & Exam Results				Benson Enrollment & Exam Results				Bryan Sr. Enrollment & Exam Results			
	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate
Arts	93	50	38	76.0%	21	11	8	72.7%	0	0	0	
Art History	16	7	3	42.9%								
Music Theory	25	12	6	50.0%	6	3	0	0.0%				
2-D Design Portfolio	25	16	16	100.0%	6	5	5	100.0%				
3-D Design Portfolio	8	3	3	100.0%	2	1	1	100.0%				
Drawing Portfolio	19	12	10	83.3%	7	2	2	100.0%				
English & Literature	1279	497	192	38.6%	99	42	9	21.4%	261	21	0	0.0%
English Lang. & Comp.	635	305	123	40.3%	51	25	5	20.0%	141	18	0	0.0%
English Lit. & Comp.	540	172	58	33.7%	48	17	4	23.5%	120	3	0	0.0%
Seminar	9	9	5	55.6%								
Spanish Literature	95	11	6	54.5%								
Mathematics	626	249	53	21.3%	16	8	1	12.5%	69	3	0	0.0%
Calculus AB	214	80	8	10.0%	10	6	0	0.0%	17	3	0	0.0%
Calculus BC	111	76	19	25.0%					1			
Computer Science A	46	18	8	44.4%								
Computer Science AB	8											
Computer Sci. Princ.	38	14	9	64.3%								
Statistics	209	61	9	14.8%	6	2	1	50.0%	51			
Science	468	224	86	38.4%	40	23	6	26.1%	47	12	3	25.0%
Biology	139	55	24	43.6%	24	12	4	33.3%	28	8	3	37.5%
Chemistry	77	34	11	32.4%					10	2	0	0.0%
Environmental Science	29	12	7	58.3%								
Physics 1	172	97	29	29.9%	16	11	2	18.2%	9	2	0	0.0%
Physics 2	27	11	7	63.6%								
Physics C-Elec. & Mag.	12	7	3	42.9%								
Physics C-Mechanics	12	8	5	62.5%								
Social Studies	2713	1065	406	38.1%	202	85	16	18.8%	448	82	16	19.5%
European History	19	14	6	42.9%								
Gov. & Politics: Comp.	192	25	15	60.0%					55			
Gov. & Politics: US	654	147	47	32.0%	46	10	2	20.0%	59	6	3	50.0%
Human Geography	619	307	134	43.6%	65	31	5	16.1%	139	23	7	30.4%
Macroeconomics	10	4	2	50.0%								
Microeconomics	10	4	1	25.0%								
Psychology	261	109	50	45.9%	19	7	1	14.3%	63	20	5	25.0%
United States History	160	105	33	31.4%	21	11	1	9.1%	7	2	0	0.0%
World History	788	350	118	33.7%	51	26	7	26.9%	125	31	1	3.2%
World Lang.	229	73	65	89.0%	6	3	3	100.0%	36	8	6	75.0%
French Lang. & Culture	22	4	2	50.0%					1	1	0	0.0%
Geman Lang. & Culture	6											
Spanish Lang. & Culture	201	69	63	91.3%	6	3	3	100.0%	35	7	6	85.7%
Grand Total	5408	2158	840	38.9%	384	172	43	25.0%	861	126	25	19.8%

	Burke Enrollment & Exam Results				Central Enrollment & Exam Results				North Enrollment & Exam Results			
	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate
Arts	35	21	13	61.9%	11	7	7	100.0%	9	3	2	66.7%
Art History	16	7	3	42.9%								
Music Theory	7	4	2	50.0%	8	4	4	100.0%	3	1	0	0.0%
2-D Design Portfolio	0	3	3	100.0%	3	1	1	100.0%				
3-D Design Portfolio									6	2	2	100.0%
Drawing Portfolio	12	7	5	71.4%	0	2	2	100.0%				
English & Literature	237	180	68	37.8%	133	67	51	76.1%	111	61	38	62.3%
English Lang. & Comp.	114	96	43	44.8%	57	40	31	77.5%	79	49	29	59.2%
English Lit. & Comp.	113	74	20	27.0%	58	21	16	76.2%	32	12	9	75.0%
Seminar	9	9	5	55.6%								
Spanish Literature	1	1	0	0.0%	18	6	4	66.7%				
Mathematics	168	104	7	6.7%	156	63	24	38.1%	108	50	17	34.0%
Calculus AB	42	20	0	0.0%	33	16	3	18.8%	42	20	1	5.0%
Calculus BC	53	40	0	0.0%	30	21	12	57.1%	27	14	7	50.0%
Computer Science A	12	9	2	22.2%	0	3	3	100.0%	21	5	3	60.0%
Computer Science AB					8							
Computer Sci. Princ.	14	6	4	66.7%	19	4	3	75.0%	0	3	2	66.7%
Statistics	47	29	1	3.4%	66	19	3	15.8%	18	8	4	50.0%
Science	88	57	14	24.6%	160	83	42	50.6%	55	23	14	60.9%
Biology	11	4	1	25.0%	35	14	8	57.1%	11	5	4	80.0%
Chemistry	16	13	3	23.1%	23	14	8	57.1%	9	1	0	0.0%
Environmental Science	13	5	3	60.0%					9	2	2	100.0%
Physics 1	48	35	7	20.0%	64	34	14	41.2%	17	11	5	45.5%
Physics 2					14	6	4	66.7%	9	4	3	75.0%
Physics C-Elec. & Mag.					12	7	3	42.9%				
Physics C-Mechanics					12	8	5	62.5%				
Social Studies	632	429	178	41.5%	543	213	127	59.6%	197	75	36	48.0%
European History	19	14	6	42.9%								
Gov. & Politics: Comp.					113	19	11	57.9%	11	4	4	100.0%
Gov. & Politics: US	116	58	15	25.9%	141	31	13	41.9%	65	18	6	33.3%
Human Geography	167	120	61	50.8%	87	60	40	66.7%	12	8	6	75.0%
Macroeconomics	10	4	2	50.0%								
Microeconomics	10	4	1	25.0%								
Psychology	83	53	28	52.8%	45	17	9	52.9%	43	12	7	58.3%
United States History	69	62	18	29.0%	17	12	9	75.0%	21	12	5	41.7%
World History	158	114	47	41.2%	140	74	45	60.8%	45	21	8	38.1%
World Lang.	5	4	2	50.0%	18	3	2	66.7%	0	0	0	
French Lang. & Culture	1	1	0	0.0%	4	2	2	100.0%				
Geman Lang. & Culture					6							
Spanish Lang. & Culture	4	3	2	66.7%	8	1	0	0.0%				
Grand Total	1165	795	282	35.5%	1021	436	253	58.0%	480	212	107	50.5%

	Northwest Enrollment & Exam Results				South Enrollment & Exam Results			
	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate
Arts	0	0	0		17	8	8	100.0%
Art History								
Music Theory					1			
2-D Design Portfolio					16	7	7	100.0%
3-D Design Portfolio								
Drawing Portfolio					0	1	1	100.0%
English & Literature	135	62	10	16.1%	300	63	15	23.8%
English Lang. & Comp.	59	27	5	18.5%	131	49	9	18.4%
English Lit. & Comp.	76	35	5	14.3%	93	10	4	40.0%
Seminar								
Spanish Literature					76	4	2	50.0%
Mathematics	39	8	0	0.0%	68	13	4	30.8%
Calculus AB	18	5	0	0.0%	50	10	4	40.0%
Calculus BC					0	1	0	0.0%
Computer Science A					13	1	0	0.0%
Computer Science AB								
Computer Sci. Princ.					5	1	0	0.0%
Statistics	21	3	0	0.0%				
Science	39	18	5	27.8%	39	8	2	25.0%
Biology	17	9	3	33.3%	13	3	1	33.3%
Chemistry	7	3	0	0.0%	12	1	0	0.0%
Environmental Science	7	5	2	40.0%				
Physics 1	8	1	0	0.0%	10	3	1	33.3%
Physics 2					4	1	0	0.0%
Physics C-Elec. & Mag.								
Physics C-Mechanics								
Social Studies	168	57	9	15.8%	519	124	24	19.4%
European History								
Gov. & Politics: Comp.	13	2	0	0.0%				
Gov. & Politics: US	43	12	3	25.0%	184	12	5	41.7%
Human Geography	22	11	4	36.4%	127	54	11	20.4%
Macroeconomics								
Microeconomics								
Psychology	8							
United States History	25	6	0	0.0%				
World History	57	26	2	7.7%	208	58	8	13.8%
World Lang.	3	1	0	0.0%	161	54	52	96.3%
French Lang. & Culture					16			
Geman Lang. & Culture								
Spanish Lang. & Culture	3	1	0	0.0%	145	54	52	96.3%
Grand Total	384	146	24	16.4%	1104	270	105	38.9%

Note: The District total includes students at alternative programs.