



Omaha Public Schools 2020-21 Advanced Placement (AP) Annual Report

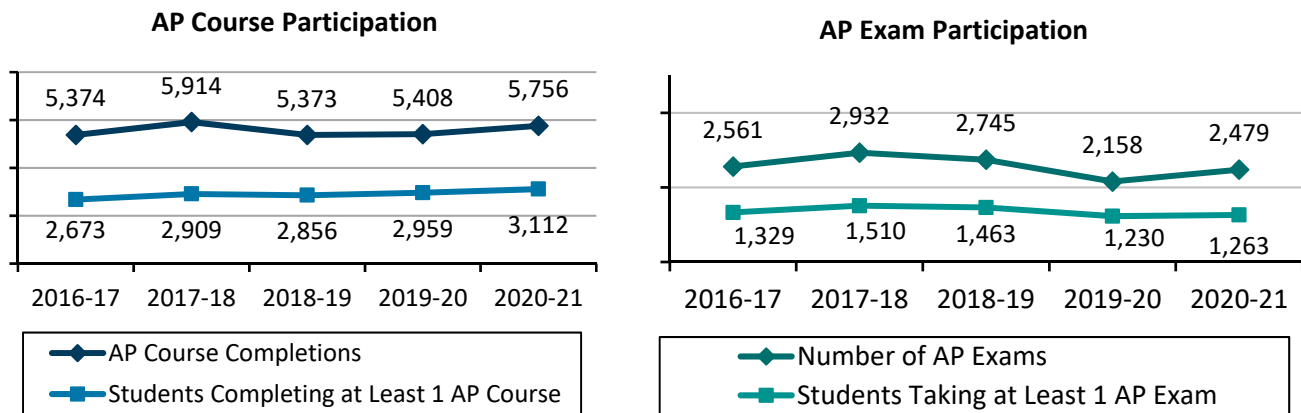
Omaha Public Schools (OPS) has a long history of offering Advanced Placement (AP) courses and exams to its students. These opportunities allow students to gain higher-level academic skills and the chance to earn college credit while in high school. AP is a program of the College Board. AP courses are 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 2020-21 school year, 5,756 AP courses were completed by 3,112 individual OPS students and 2,479 AP exam scores were earned by 1,263 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 completed and the number of students participating in AP courses increased since the 2016-17 school year with the peak of participation occurring in 2017-18.
- The number of AP exams taken declined from 2017-18 to 2019-20, but increased in 2020-21, while the number of students taking AP exams has stayed relatively steady.
- About 40% of the individual students participating in at least one AP course opted to participate in at least one AP exam in 2020-21. This is a decrease compared to prior years.

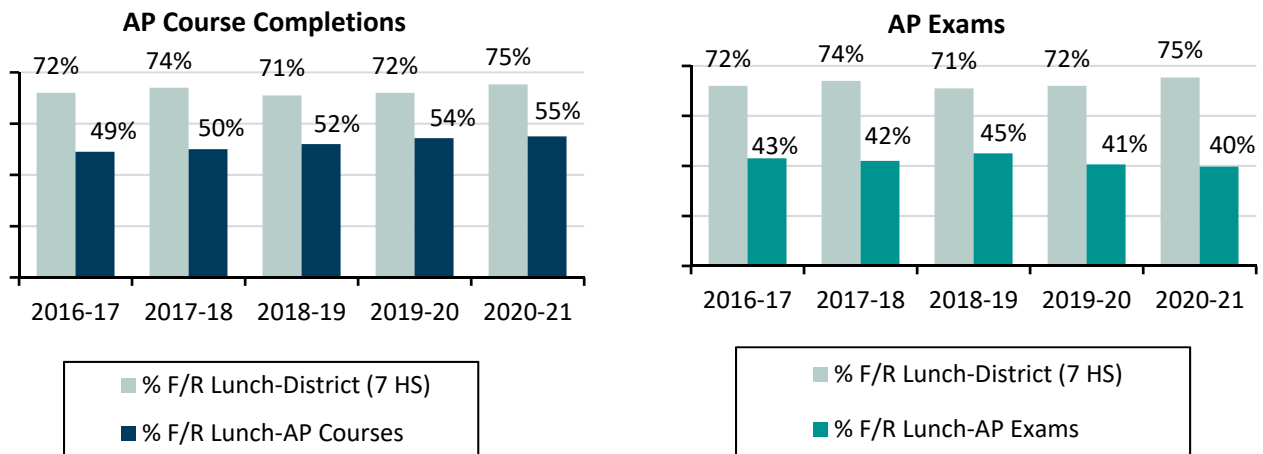
Table 1: 2020-21 Individual Student Counts and Percentages for the District and Each High School

		District	Benson	Bryan	Burke	Central	North	Northwest	South
AP Courses	Students completing at least one	3,112	245	478	630	506	367	231	645
	Percentage of entire student body*	21.8%	17.8%	26.7%	30.2%	19.2%	19.9%	13.8%	22.7%
	Percentage of 11 th and 12 th grade students*	44.6%	38.6%	53.1%	62.7%	38.7%	38.9%	28.9%	46.6%
AP Exams	Students taking at least one	1,263	88	120	421	258	131	95	150
	Percentage of student body*	8.9%	6.4%	6.7%	20.2%	9.8%	7.1%	5.7%	5.3%
	Percentage of 11 th and 12 th grade students*	18.1%	13.9%	13.3%	41.9%	19.7%	13.9%	11.9%	10.8%

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

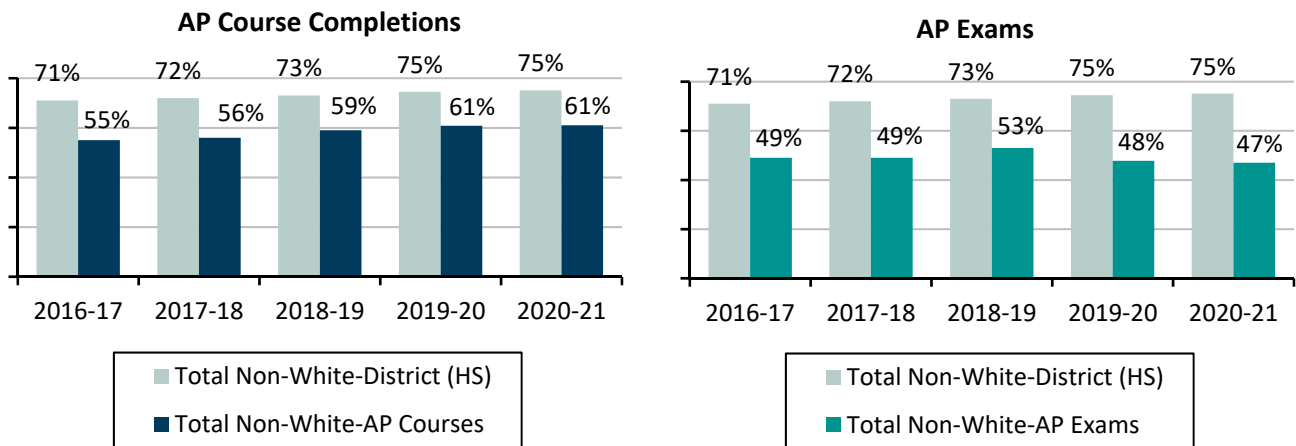
- In 2020-21 the level of student participation in AP courses and exams varied substantially across OPS high schools.
- While all schools had over a quarter of their 11th and 12th grade students participating in at least one AP course, Burke and Bryan had the highest participation rates (62.7% and 53.1% respectively).
- Burke High School had the highest percentage of their students participating in at least one AP exam (41.9%).

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 75% of the student body but completed only 49% to 55% of AP courses and 40% to 45% of AP exams.
- The underrepresentation of students eligible for free or reduced price lunch has fluctuated over the past 5 years for AP courses, and was lower in 2020-21 than in 2016-17. This underrepresentation also fluctuated for exams, but was higher in 2020-21 than in 2016-17.

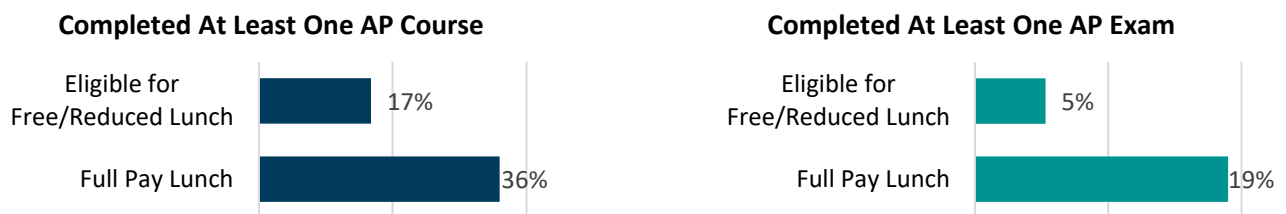
Figure 3: Ethnic Distribution in AP Course and Exam Completions Compared to the District



- Over the past 5 years, students of color were underrepresented in both AP course and exam completions; students of color accounted for 71% to 75% of the student body but completed only 55% to 61% of AP courses and 47% to 53% of exams.
- The underrepresentation of students of color has decreased slightly over the past 5 years for AP courses, but has increased for exams.

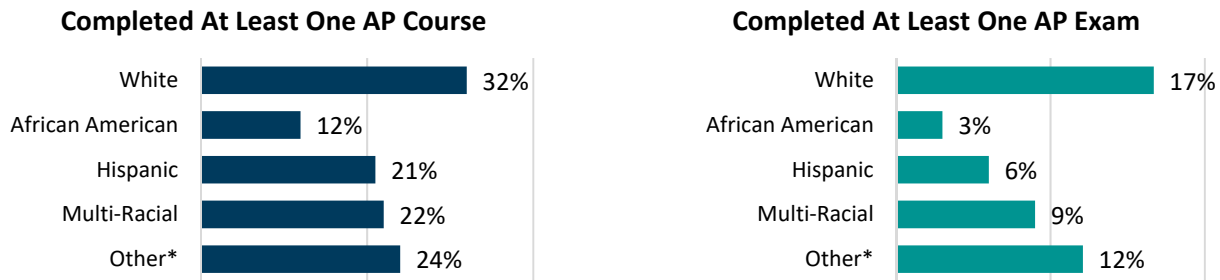
Rather than look at the percentage of AP courses and/or exams completed by students from specified student groups (Figures 2 and 3), the following figures (Figures 4 and 5) illustrate the percentage of economically disadvantaged students and students of color who completed at least one AP course or exam. Overall during 2020-21, 22% of OPS high school students completed at least one AP course and 9% completed at least one AP exam.

Figure 4: 2020-21 AP Course and Exam Participation of Students Who Are and Are Not Eligible for Free or Reduced Price Lunch



- In 2020-21, students who were not eligible to receive free or reduced price lunch were over two times more likely to participate in at least one AP course.
- Likewise, students who were not eligible to receive free or reduced price lunch were nearly four times more likely to participate in at least one AP exam.

Figure 5: 2020-21 AP Course and Exam Participation of Students of Different Race/Ethnicities



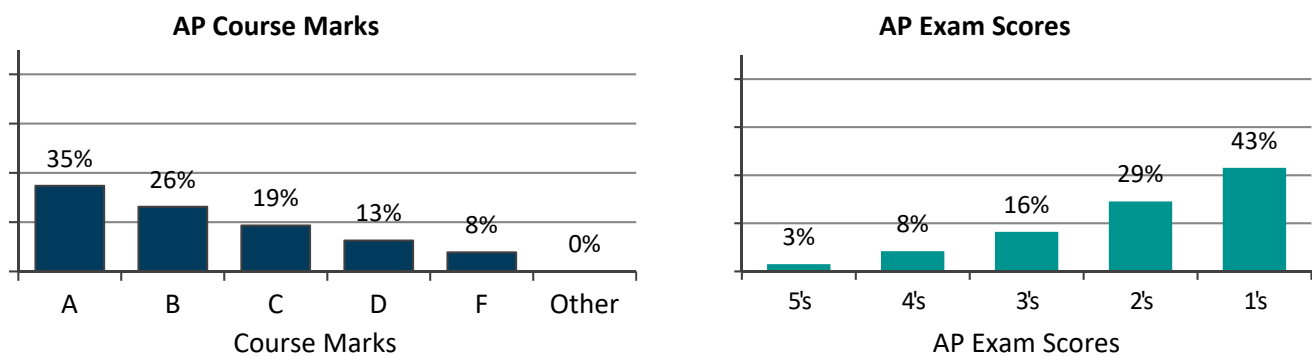
* "Other" students were predominantly Asian American but also included Native American and Pacific Islander students

- In 2020-21, White students were over two times more likely than African American students to participate in at least one AP course.
- Likewise, White students were over five times more likely than African American students, and nearly three times more likely than Hispanic students, to participate in at least one AP exam.

AP Performance: Courses and Exams

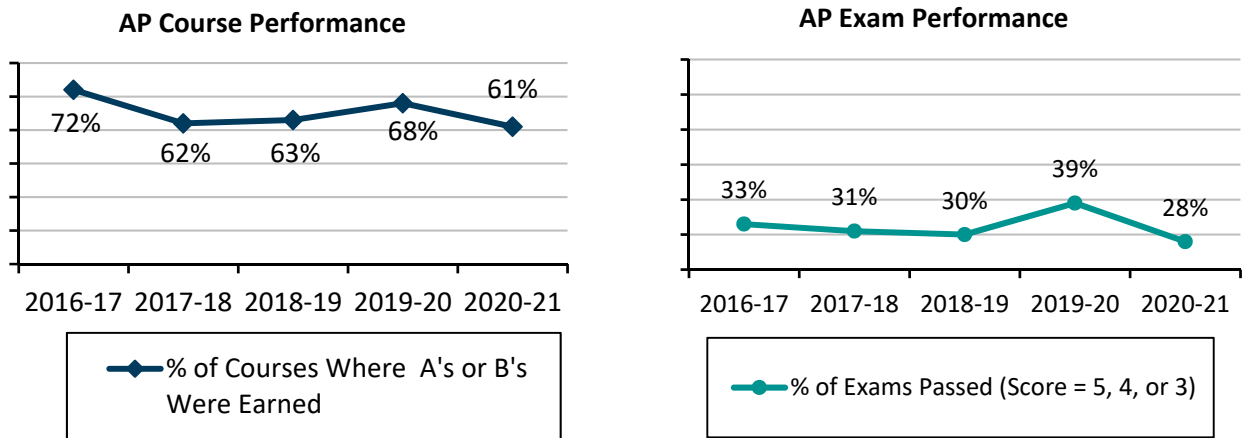
This section of the report seeks to illustrate students' performance in AP courses as well as AP exams. Success in AP courses is defined by course marks earned, with a focus on the percentage of students earning A's or B's. Success on AP exams is defined by scores earned, with a focus on the percentage 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: 2020-21 AP Course Mark and Exam Score Distributions



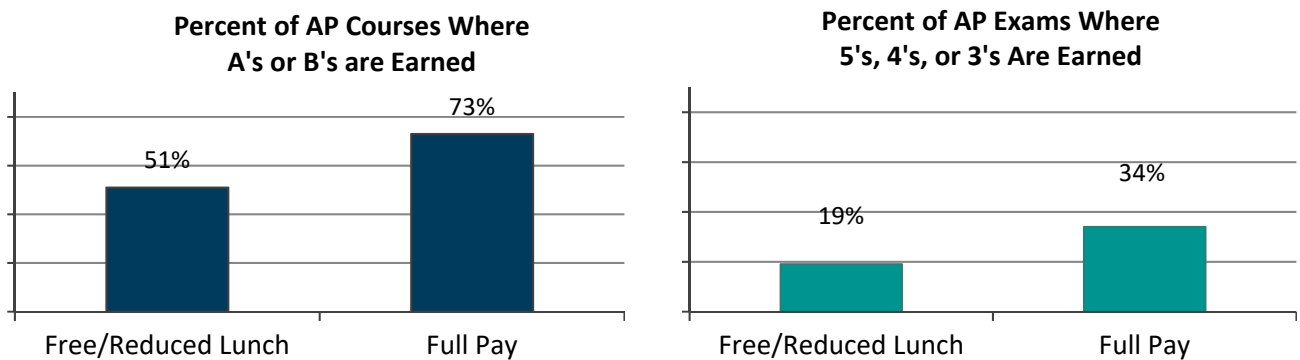
- In 2020-21, A's and B's were earned in most (61%) AP courses.
- In 2020-21, Scores of 5, 4, or 3, were earned on well over a quarter (28%) of AP exams.

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



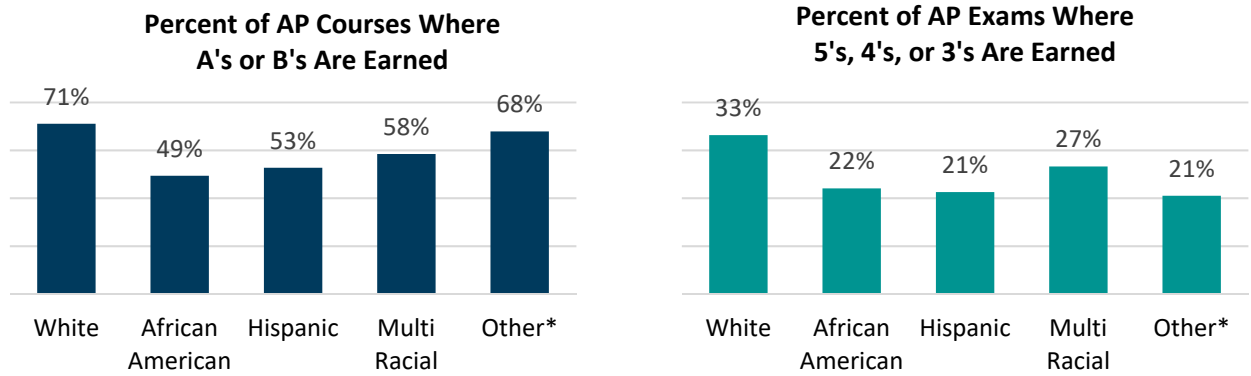
- Over the past five years, A's and B's were earned by students in most of their AP courses; the percentage of courses where A's and B's were earned increased in 2019-20, but declined again in 2020-21.
- Aside from an increase in 2019-20, the percentage of AP exams where a score of 5, 4, or 3 was earned has decreased steadily over the past five years.

Figure 8: 2020-21 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: 2020-21 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

- Students of color (African American, Hispanic, Multi-Racial and "Other" 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: District and High School AP Course Participation and AP Exam Performance

	District Enrollment & Exam Results				Benson Enrollment & Exam Results				Bryan High 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	102	71	38	53.5%	15	11	4	36.4%	0	0	0	n/a
Art History	23	17	5	29.4%								
Music Theory	30	13	7	53.8%	2	2	0	0.0%				
Aural Subscore		13	7	53.8%		2	0	0.0%				
Non-Aural Subscore		13	6	46.2%		2	0	0.0%				
2-D Design Portfolio	16	6	5	83.3%	8	3	2	66.7%				
3-D Design Portfolio	13	1	1	100.0%	1							
Drawing Portfolio	20	8	7	87.5%	4	2	2	100.0%				
English & Literature	1338	560	154	27.5%	89	39	5	12.8%	274	35	2	5.7%
English Lang. & Comp.	732	322	102	31.7%	50	22	4	18.2%	132	24	2	8.3%
English Lit. & Comp.	538	214	35	16.4%	39	17	1	5.9%	142	11	0	0.0%
Research	8	7	4	57.1%								
Seminar	9	9	7	77.8%								
Spanish Literature	51	8	6	75.0%								
Mathematics	602	341	71	20.8%	17	6	1	16.7%	51	19	0	0.0%
Calculus AB	185	91	6	6.6%	12	5	0	0.0%	20	13	0	0.0%
Calculus BC	63	54	11	20.4%								
AB Subscore		54	18	33.3%								
Computer Science A	36	20	7	35.0%								
Computer Science AB	6											
Computer Sci. Princ.	49	14	7	50.0%								
Statistics	263	108	22	20.4%	5	1	1	100.0%	31	6	0	0.0%
Science	514	239	62	25.9%	33	14	0	0.0%	45	16	0	0.0%
Biology	148	70	21	30.0%	18	5	0	0.0%				
Chemistry	109	44	12	27.3%	6	5	0	0.0%	33	11	0	0.0%
Environmental Science	38	21	7	33.3%								
Physics 1	165	70	15	21.4%	9	4	0	0.0%	12	5	0	0.0%
Physics 2	18	11	4	36.4%								
Physics C-Elec. & Mag.	18	11	1	9.1%								
Physics C-Mechanics	18	12	2	16.7%								
Social Studies	2988	1175	292	24.9%	225	83	8	9.6%	498	110	9	8.2%
European History	26	14	5	35.7%								
Gov. & Politics: Comp.	186	16	5	31.3%					86	1	0	0.0%
Gov. & Politics: US	704	221	38	17.2%	38	17	1	5.9%	101	26	1	3.8%
Human Geography	660	273	84	30.8%	88	17	3	17.6%	120	36	3	8.3%
Macroeconomics	47	36	2	5.6%								
Microeconomics	46	27	5	18.5%								
Psychology	286	128	28	21.9%	27	13	2	15.4%	44	6	1	16.7%
United States History	153	106	16	15.1%	10	9	1	11.1%	14	4	0	0.0%
World History	880	354	109	30.8%	62	27	1	3.7%	133	37	4	10.8%
World Lang.	212	93	73	78.5%	11	7	6	85.7%	37	17	12	70.6%
Chinese Lang. & Culture	0	1	1	100.0%								
French Lang. & Culture	20	8	4	50.0%	0	1	0	0.0%				
Geman Lang. & Culture	5	2	1	50.0%								
Spanish Lang. & Culture	187	82	67	81.7%	11	6	6	100.0%	37	17	12	70.6%
Grand Total	5756	2479	690	27.8%	390	160	24	15.0%	905	197	23	11.7%

	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	44	37	18	48.6%	15	18	12	66.7%	16	4	3	75.0%
Art History	23	17	5	29.4%								
Music Theory	5	5	3	60.0%	11	5	3	60.0%	8	1	1	100.0%
Aural Subscore		5	2	40.0%		5	4	80.0%		1	1	100.0%
Non-Aural Subscore		5	4	80.0%		5	2	40.0%		1	0	0.0%
2-D Design Portfolio					4	2	2	100.0%				
3-D Design Portfolio									8	1	1	100.0%
Drawing Portfolio	16	5	4	80.0%	0	1	1	100.0%				
English & Literature	280	215	69	32.1%	111	63	39	61.9%	136	70	26	37.1%
English Lang. & Comp.	150	101	39	38.6%	57	39	27	69.2%	91	55	22	40.0%
English Lit. & Comp.	110	96	17	17.7%	42	21	10	47.6%	45	15	4	26.7%
Research	8	7	4	57.1%								
Seminar	9	9	7	77.8%								
Spanish Literature	3	2	2	100.0%	12	3	2	66.7%				
Mathematics	162	153	14	9.2%	131	83	32	38.6%	125	58	20	34.5%
Calculus AB	30	22	0	0.0%	32	24	6	25.0%	47	15	0	0.0%
Calculus BC	34	31	0	0.0%	17	12	5	41.7%	12	10	5	50.0%
AB Subscore		31	1	3.2%		12	10	83.3%		10	6	60.0%
Computer Science A	10	7	3	42.9%	0	5	3	60.0%	18	7	1	14.3%
Computer Science AB					6							
Computer Sci. Princ.	10	5	4	80.0%	9	4	2	50.0%	26	4	1	25.0%
Statistics	78	57	6	10.5%	67	26	6	23.1%	22	12	7	58.3%
Science	107	74	13	17.6%	161	79	23	29.1%	68	40	22	55.0%
Biology	18	15	5	33.3%	50	35	9	25.7%	15	9	5	55.6%
Chemistry	13	9	4	44.4%	18	12	6	50.0%	12	5	2	40.0%
Environmental Science	18	11	2	18.2%	0	1	1	100.0%	8	3	3	100.0%
Physics 1	34	25	1	4.0%	76	18	5	27.8%	21	16	8	50.0%
Physics 2					5	4	0	0.0%	12	7	4	57.1%
Physics C-Elec. & Mag.	12	6	0	0.0%	6	5	1	20.0%				
Physics C-Mechanics	12	8	1	12.5%	6	4	1	25.0%				
Social Studies	761	501	120	24.0%	500	234	95	40.6%	293	93	44	47.3%
European History	26	14	5	35.7%								
Gov. & Politics: Comp.					83	12	4	33.3%	7	2	1	50.0%
Gov. & Politics: US	141	79	12	15.2%	112	41	13	31.7%	94	22	8	36.4%
Human Geography	131	87	23	26.4%	106	69	32	46.4%	51	20	14	70.0%
Macroeconomics	47	36	2	5.6%								
Microeconomics	46	27	5	18.5%								
Psychology	109	70	17	24.3%	50	28	6	21.4%	56	11	2	18.2%
United States History	92	76	8	10.5%	13	9	5	55.6%	15	6	1	16.7%
World History	169	112	48	42.9%	136	75	35	46.7%	70	32	18	56.3%
World Lang.	18	12	7	58.3%	25	7	5	71.4%	0	0	0	n/a
Chinese Lang. & Culture	0	1	1	100.0%								
French Lang. & Culture	10	4	1	25.0%	6	3	3	100.0%				
Geman Lang. & Culture					5	2	1	50.0%				
Spanish Lang. & Culture	8	7	5	71.4%	14	2	1	50.0%				
Grand Total	1372	992	241	24.3%	943	484	206	42.6%	638	265	115	43.4%

	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	n/a	12	1	1	100.0%
Art History								
Music Theory					4			
Aural Subscore								
Non-Aural Subscore								
2-D Design Portfolio					4	1	1	100.0%
3-D Design Portfolio					4			
Drawing Portfolio								
English & Literature	146	67	4	6.0%	298	71	9	12.7%
English Lang. & Comp.	99	39	3	7.7%	153	42	5	11.9%
English Lit. & Comp.	47	28	1	3.6%	109	26	2	7.7%
Research								
Seminar								
Spanish Literature					36	3	2	66.7%
Mathematics	28	7	2	28.6%	88	15	2	13.3%
Calculus AB	12	3	0	0.0%	32	9	0	0.0%
Calculus BC					0	1	1	100.0%
AB Subscore						1	1	100.0%
Computer Science A					8	1	0	0.0%
Computer Science AB								
Computer Sci. Princ.					4	1	0	0.0%
Statistics	16	4	2	50.0%	44	2	0	0.0%
Science	32	11	3	27.3%	59	5	1	20.0%
Biology	20	5	2	40.0%	18	1	0	0.0%
Chemistry					27	2	0	0.0%
Environmental Science	12	6	1	16.7%				
Physics 1					13	2	1	50.0%
Physics 2					1			
Physics C-Elec. & Mag.								
Physics C-Mechanics								
Social Studies	157	57	8	14.0%	554	97	8	8.2%
European History								
Gov. & Politics: Comp.	10	1	0	0.0%				
Gov. & Politics: US	32	11	2	18.2%	186	25	1	4.0%
Human Geography	34	10	3	30.0%	130	34	6	17.6%
Macroeconomics								
Microeconomics								
Psychology								
United States History	9	2	1	50.0%				
World History	72	33	2	6.1%	238	38	1	2.6%
World Lang.	3	3	3	100.0%	118	47	40	85.1%
Chinese Lang. & Culture								
French Lang. & Culture					4			
Geman Lang. & Culture								
Spanish Lang. & Culture	3	3	3	100.0%	114	47	40	85.1%
Grand Total	366	145	20	13.8%	1129	236	61	25.8%

Note: The District total includes students at alternative programs.