



Omaha Public Schools 2021-22 Advanced Placement (AP) Annual Report

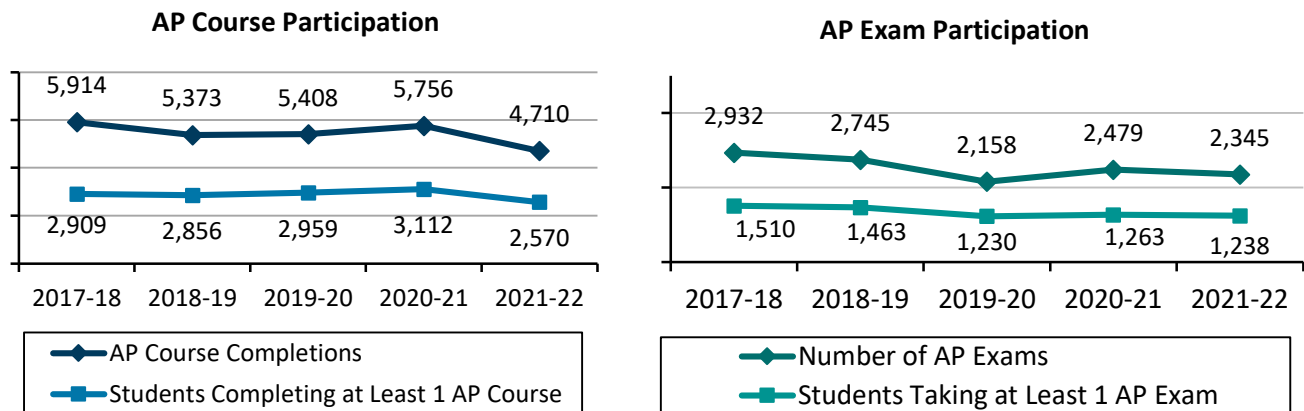
Omaha Public Schools (OPS) has a long history of offering Advanced Placement (AP) courses and exams to its students. These opportunities allow students to gain higher-level academic skills and the chance to earn college credit while in high school. AP is a program of the College Board. AP courses are 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 seven OPS high schools have a substantive AP program. During the 2021-22 school year, 4,710 AP courses were completed by 2,570 individual OPS students and 2,345 AP exam scores were earned by 1,238 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



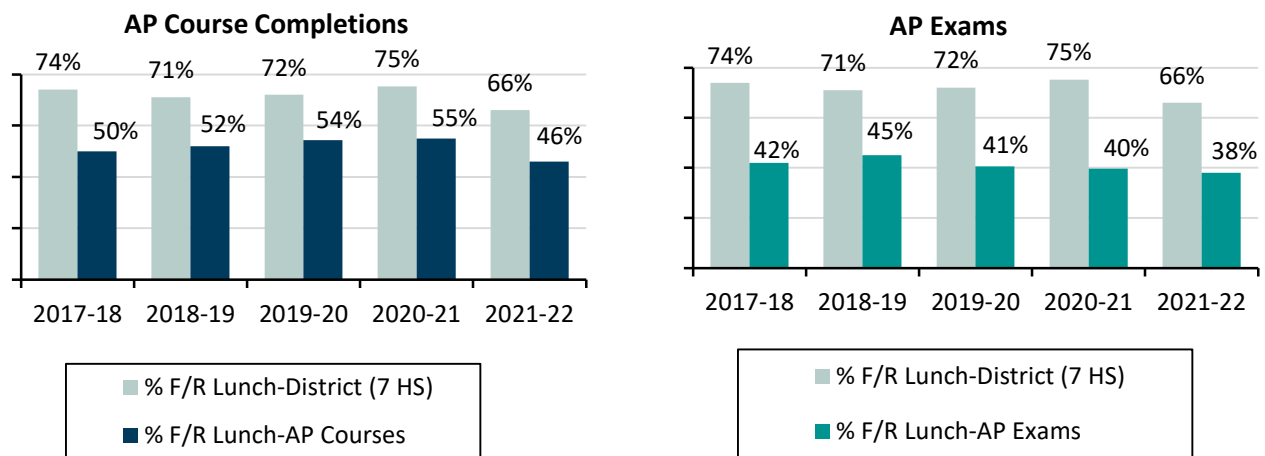
- The number of AP courses completed and the number of students participating in AP courses had been increasing over the past 4 years but decreased in 2021-22.
- The number of AP exams taken declined from 2017-18 to 2019-20, increased slightly in 2020-21, and declined slightly in 2021-22. The number of students taking AP exams shows a similar pattern.
- Approximately 48% of the individual students participating in at least one AP course opted to participate in at least one AP exam in 2021-22. This is a 1 percentage point increase compared to the prior year.

Table 1: 2021-22 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	2,570	268	345	589	433	261	202	464
	Percentage of entire student body*	18.3%	19.0%	20.0%	28.1%	16.2%	15.2%	12.7%	16.4%
	Percentage of 11 th and 12 th grade students*	36.9%	40.7%	40.3%	56.1%	32.9%	29.9%	25.0%	33.0%
AP Exams	Students taking at least one	1,238	145	83	436	200	121	115	138
	Percentage of student body*	8.8%	10.3%	4.8%	20.8%	7.5%	7.1%	7.2%	4.9%
	Percentage of 11 th and 12 th grade students*	17.8%	22.0%	9.7%	41.6%	15.2%	13.9%	14.3%	9.8%

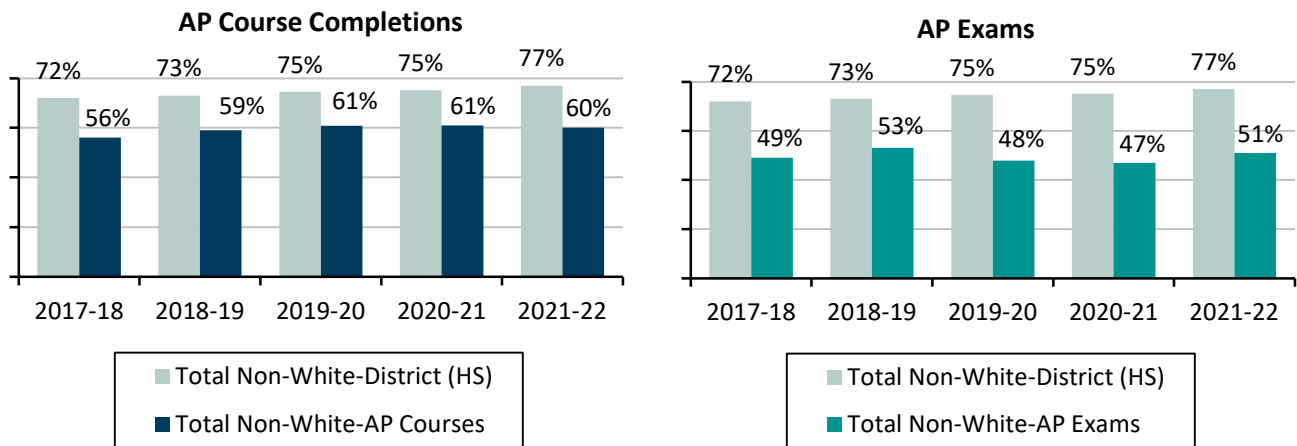
*Participation percentages were calculated using Official Membership student counts as the denominator

- In 2021-22 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 Benson had the highest participation rates (56.1% and 40.7% respectively).
- Burke High School had the highest percentage of their 11th and 12th grade students participating in at least one AP exam (41.6%).

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 66% to 75% of the student body but completed only 46% to 54% of AP courses and 38% 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 slightly lower in 2021-22 than in 2017-18. This underrepresentation also fluctuated for exams, but was lower in 2021-22 than in the prior two years.

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 77% of the student body but completed only 56% to 61% of AP courses and 47% to 53% of exams.
- The underrepresentation of students of color has increased for AP courses in 2021-22, but decreased slightly for exams.

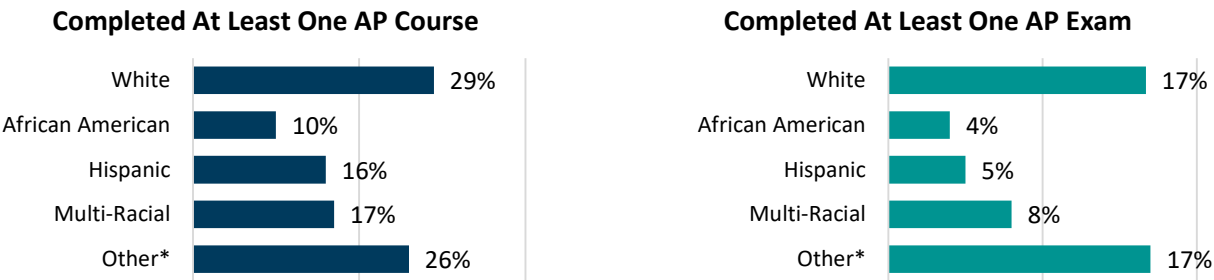
Rather than look at the percentage of AP courses and/or exams completed by students from specified student groups (Figures 2 and 3), the following figures (Figures 4 and 5) illustrate the percentage of economically disadvantaged students and students of color who completed at least one AP course or exam. Overall during 2021-22, 18% of OPS high school students completed at least one AP course and 9% completed at least one AP exam.

Figure 4: 2021-22 AP Course and Exam Participation of Students Who Are and Are Not Eligible for Free or Reduced Price Lunch



- In 2021-22, students who were not eligible to receive free or reduced price lunch were nearly 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 over two times more likely to participate in at least one AP exam.

Figure 5: 2021-22 AP Course and Exam Participation of Students of Different Race/Ethnicities



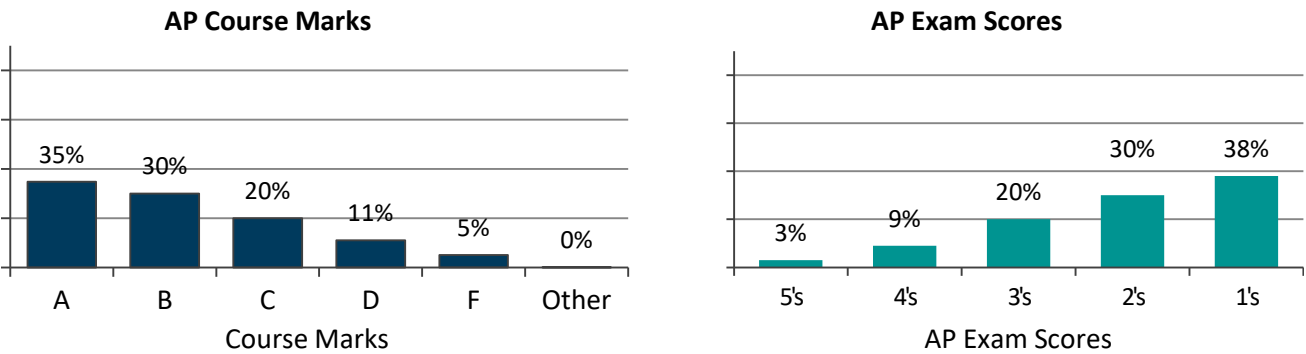
* "Other" students were predominantly Asian American but also included Native American and Pacific Islander students

- In 2021-22, White students were nearly three 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 over four 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

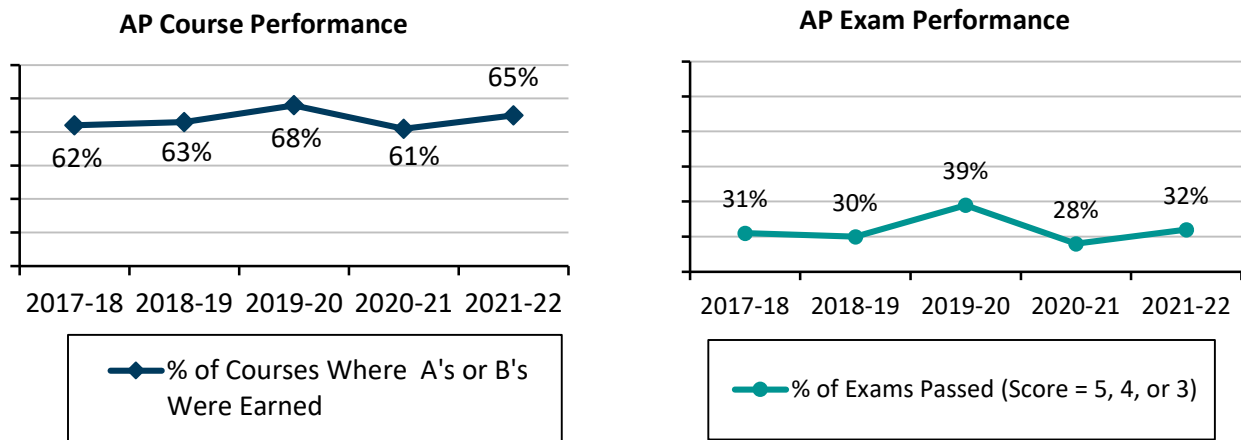
This section of the report seeks to illustrate students’ performance in AP courses as well as AP exams. Success in AP courses is defined by course marks earned, with a focus on the percentage of students earning A’s or B’s. Success on AP exams is defined by scores earned, with a focus on the percentage 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: 2021-22 AP Course Mark and Exam Score Distributions



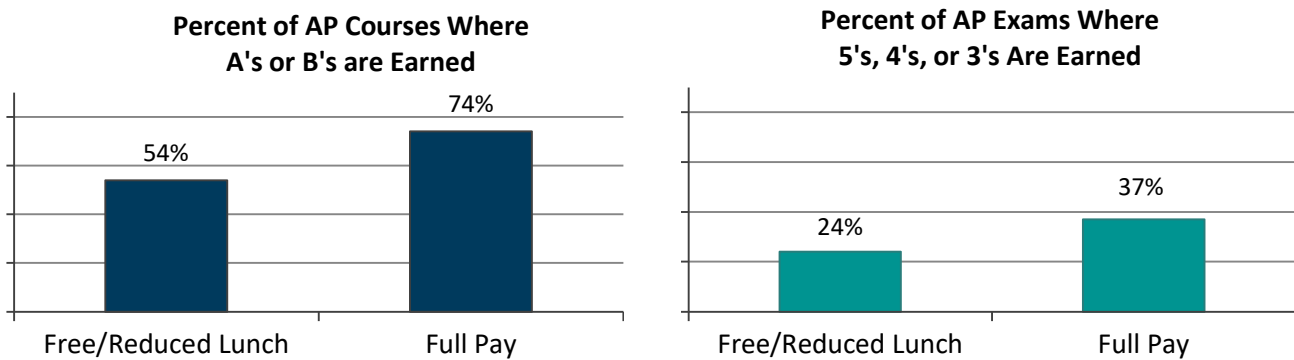
- In 2021-22, A’s and B’s were earned in most (65%) AP courses.
- In 2021-22, Scores of 5, 4, or 3, were earned on nearly a third (32%) of AP exams.

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



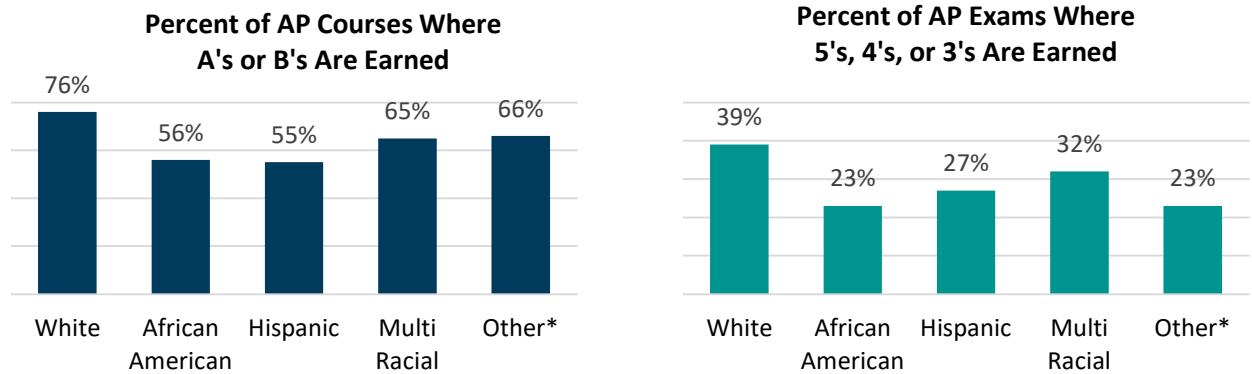
- Over the past five years, A's and B's were earned by students in most of their AP courses; the percentage of courses where A's and B's were earned increased in 2021-22 when compared to the previous year.
- Except for the drastic and short lived increase in 2019-20, the 2021-22 percentage of AP exams where a score of 5, 4, or 3 was earned was the highest it has been in 5 years.

Figure 8: 2021-22 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: 2021-22 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	69	41	22	53.7%	25	16	12	75.0%				
Art History	16	13	4	30.8%								
Music Theory	5	3		0.0%	2	1		0.0%				
Aural Subscore		3		0.0%		1		0.0%				
Non-Aural Subscore		3	1	33.3%		1		0.0%				
2-D Design Portfolio	24	10	9	90.0%	16	9	8	88.9%				
3-D Design Portfolio	7	2	1	50.0%								
Drawing Portfolio	17	7	7	100.0%	7	4	4	100.0%				
English & Literature	1172	577	225	39.0%	84	54	17	31.5%	198	20	5	25.0%
English Lang. & Comp.	605	307	91	29.6%	46	27	7	25.9%	96	13	1	7.7%
English Lit. & Comp.	497	245	116	47.3%	38	27	10	37.0%	96	5	2	40.0%
Research	7	7	7	100.0%								
Seminar	8	6	4	66.7%								
Spanish Literature	55	12	7	58.3%					6	2	2	100.0%
Mathematics	568	387	79	20.4%	15	7	0	0.0%	34	10	3	30.0%
Calculus AB	198	135	14	10.4%	12	6		0.0%	16	9	2	22.2%
Calculus BC	62	43	8	18.6%					7			
AB Subscore		43	9	20.9%								
Computer Science A	19	12	6	50.0%								
Computer Science AB	9											
Computer Sci. Princ.	72	30	20	66.7%								
Statistics	208	124	22	17.7%	3	1		0.0%	11	1	1	100.0%
Science	418	232	75	32.3%	32	25	3	12.0%	48	16	0	0.0%
Biology	114	65	24	36.9%	19	14	1	7.1%	15	3		0.0%
Chemistry	67	47	17	36.2%	3	3		0.0%	19	10		0.0%
Environmental Science	64	43	13	30.2%	10	8	2	25.0%				
Physics 1	138	53	12	22.6%					14	3		0.0%
Physics 2	18	12	5	41.7%								
Physics C-Elec. & Mag.	8	5	2	40.0%								
Physics C-Mechanics	9	7	2	28.6%								
Social Studies	2309	1021	299	29.3%	203	106	16	15.1%	332	70	13	18.6%
European History	18	14	4	28.6%								
Gov. & Politics: Comp.	171	7	3	42.9%					58			
Gov. & Politics: US	566	192	34	17.7%	16	6		0.0%	67	15	2	13.3%
Human Geography	500	262	77	29.4%	102	50	6	12.0%	99	23	3	13.0%
Macroeconomics	31	17	8	47.1%								
Microeconomics	30	26	9	34.6%								
Psychology	194	84	21	25.0%	30	15		0.0%	28	5	2	40.0%
United States History	76	64	17	26.6%	14	12		0.0%				
World History	723	355	126	35.5%	41	23	10	43.5%	80	27	6	22.2%
World Lang.	174	87	57	65.5%	16	6	4	66.7%	14	7	2	28.6%
Chinese Lang. & Culture	41	20	1	5.0%	9	3	1	33.3%				
French Lang. & Culture	4	0										
Geman Lang. & Culture		1	1	100.0%								
Spanish Lang. & Culture	129	66	55	83.3%	7	3	3	100.0%	14	7	2	28.6%
Grand Total	4710	2345	757	32.3%	375	214	52	24.3%	626	123	23	18.7%

	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	29	22	8	36.4%					6	1	1	100.0%
Art History	16	13	4	30.8%								
Music Theory	3	2		0.0%								
Aural Subscore		2		0.0%								
Non-Aural Subscore		2	1	50.0%								
2-D Design Portfolio									1			
3-D Design Portfolio									5	1	1	100.0%
Drawing Portfolio	10	3	3	100.0%								
English & Literature	268	209	93	44.5%	136	70	51	72.9%	121	71	34	47.9%
English Lang. & Comp.	140	95	25	26.3%	77	49	32	65.3%	73	46	18	39.1%
English Lit. & Comp.	113	101	57	56.4%	46	19	18	94.7%	48	25	16	64.0%
Research	7	7	7	100.0%								
Seminar	8	6	4	66.7%								
Spanish Literature					13	2	1	50.0%				
Mathematics	174	165	20	12.1%	131	78	30	38.5%	107	74	25	33.8%
Calculus AB	55	42		0.0%	35	28	9	32.1%	29	16	3	18.8%
Calculus BC	18	18		0.0%	17	9	4	44.4%	20	16	4	25.0%
AB Subscore		18		0.0%		9	4	44.4%		16	5	31.3%
Computer Science A	4	3	1	33.3%		6	4	66.7%	9	3	1	33.3%
Computer Science AB					9							
Computer Sci. Princ.	18	14	10	71.4%	12	5	2	40.0%	30	9	7	77.8%
Statistics	79	70	9	12.9%	58	21	7	33.3%	19	14	5	35.7%
Science	98	74	28	37.8%	120	55	26	47.3%	56	30	14	46.7%
Biology	16	13	8	61.5%	28	20	11	55.0%	12	5	2	40.0%
Chemistry	9	5	5	100.0%	17	13	8	61.5%	9	8	3	37.5%
Environmental Science	34	29	8	27.6%		1	1	100.0%	12	2	2	100.0%
Physics 1	31	19	4	21.1%	58	13	5	38.5%	13	7	2	28.6%
Physics 2	3	3		0.0%	5	1		0.0%	10	8	5	62.5%
Physics C-Elec. & Mag.	2	2	1	50.0%	6	3	1	33.3%				
Physics C-Mechanics	3	3	2	66.7%	6	4		0.0%				
Social Studies	605	418	129	30.9%	459	172	93	54.1%	189	92	32	34.8%
European History	18	14	4	28.6%								
Gov. & Politics: Comp.					99	2	1	50.0%	6	4	2	50.0%
Gov. & Politics: US	132	76	14	18.4%	118	29	9	31.0%	53	21	8	38.1%
Human Geography	161	111	38	34.2%	42	33	16	48.5%	17	6	4	66.7%
Macroeconomics	31	17	8	47.1%								
Microeconomics	30	26	9	34.6%								
Psychology	53	36	10	27.8%	54	20	8	40.0%	29	8	1	12.5%
United States History	29	30	8	26.7%	11	8	7	87.5%	16	12	2	16.7%
World History	151	108	38	35.2%	135	80	52	65.0%	68	41	15	36.6%
World Lang.	32	26	9	34.6%	22	4	4	100.0%				
Chinese Lang. & Culture	15	13		0.0%	8							
French Lang. & Culture					4							
Geman Lang. & Culture		1	1	100.0%								
Spanish Lang. & Culture	17	12	8	66.7%	10	4	4	100.0%				
Grand Total	1206	914	287	31.4%	868	379	204	53.8%	479	268	106	39.6%

	Northwest Enrollment & Exam Results				South Enrollment & Exam Results			
	Crs Enrl	Tests Taken	# Pass	Pass Rate	Crs Enrl	Tests Taken	# Pass	Pass Rate
Arts					9	2	1	50.0%
Art History								
Music Theory								
Aural Subscore								
Non-Aural Subscore								
2-D Design Portfolio					7	1	1	100.0%
3-D Design Portfolio					2	1		0.0%
Drawing Portfolio								
English & Literature	141	93	12	12.9%	218	60	13	21.7%
English Lang. & Comp.	76	43	4	9.3%	91	34	4	11.8%
English Lit. & Comp.	65	50	8	16.0%	91	18	5	27.8%
Research								
Seminar								
Spanish Literature					36	8	4	50.0%
Mathematics	35	26	0	0.0%	72	27	1	3.7%
Calculus AB	27	19		0.0%	24	15		0.0%
Calculus BC								
AB Subscore								
Computer Science A					6			
Computer Science AB								
Computer Sci. Princ.					12	2	1	50.0%
Statistics	8	7		0.0%	30	10		0.0%
Science	32	16	2	12.5%	30	16	2	12.5%
Biology	10	5	1	20.0%	12	5	1	20.0%
Chemistry					10	8	1	12.5%
Environmental Science	8	3		0.0%				
Physics 1	14	8	1	12.5%	8	3		0.0%
Physics 2								
Physics C-Elec. & Mag.								
Physics C-Mechanics								
Social Studies	151	80	5	6.3%	370	83	11	13.3%
European History								
Gov. & Politics: Comp.	8	1		0.0%				
Gov. & Politics: US	54	30	1	3.3%	126	15		0.0%
Human Geography	10	6	3	50.0%	69	33	7	21.2%
Macroeconomics								
Microeconomics								
Psychology								
United States History	6	2		0.0%				
World History	73	41	1	2.4%	175	35	4	11.4%
World Lang.	3	2	2	100.0%	87	42	36	85.7%
Chinese Lang. & Culture					9	4		0.0%
French Lang. & Culture								
German Lang. & Culture								
Spanish Lang. & Culture	3	2	2	100.0%	78	38	36	94.7%
Grand Total	362	217	21	9.7%	786	230	64	27.8%

Note: The District total includes students at alternative programs.