FOOTHILL COLLEGE
INSTITUTIONAL RESEARCH & PLANNING

DATE: November 4, 2021

TO: Kurt Hueg, Interim Vice President Instruction

FROM: Elaine Kuo, College Researcher

RE: Course Success Rates by Instructional Modality and Ethnicity, 2018-19 to 2020-21

Overview

In 2020-21, Foothill College intentionally scheduled the majority of its classes in a virtual format. Due to the pandemic, the campus began to shelter-in-place beginning early March 2020 and continued to offer most instruction and services in a online format through Summer 2021.

An examination of the three-year course success rates by instructional modality and ethnicity explores the more direct outcomes of the virtual transition. The three-year time frame was identified to capture a full year prior to the pandemic along with a full year under pandemic guidelines.

To focus the analysis, key courses with consistent enrollment from 2018-19 to 2020-21 were identified by the instructional deans. In 2018-19 and 2019-20, these courses were offered in multiple instructional modalities, but in 2020-21 only online sections were scheduled. These courses include: ACTG 1A, ANTH 1, BIOL 40A, BUSI 22, BUSI 59, CHEM 30A, COMM 1A, ECON 1A, ECON 1B, ENGL 1A, ENGL 1B, GEOG 1, MATH 1A, MATH 10, POLI 1, PSYC 1, SOC 1. Appendix A provides a detailed view of online course success rates at the course level across all three years.

Highlights

- Overall course success rates increased by 2-percentage points from 2018-19 to 2020-21.
- Face-to-Face (F2F)/hybrid course success rates were slightly higher when compared to online success rates (+1-percentage point).
- An increase in online success rates was experienced by all ethnicities from 2018-19 to 2020-21.
- The course success gap between the highest performing group and lowest performing group students is as large as 20-percentage points.
- BIOL 40A and CHEM 30A experienced higher success rates when these sections were only offered online in 2020-21.
- ENGL 1A/1B completion rates were generally higher when offered through a F2F/hybrid modality.
- MATH 10 online success rates were slightly higher compared to F2F/hybrid sections.
- BUSI 22, ECON 1B, POLI 1 demonstrated higher success rates in F2F/hybrid sections.

Table 1 shows that while the enrollment declined in the 17 identified courses by roughly 1%, the course success rates increased by 2-percentage points from 70% in 2018-19 to 72% in 2020-21 (when all courses were online only).

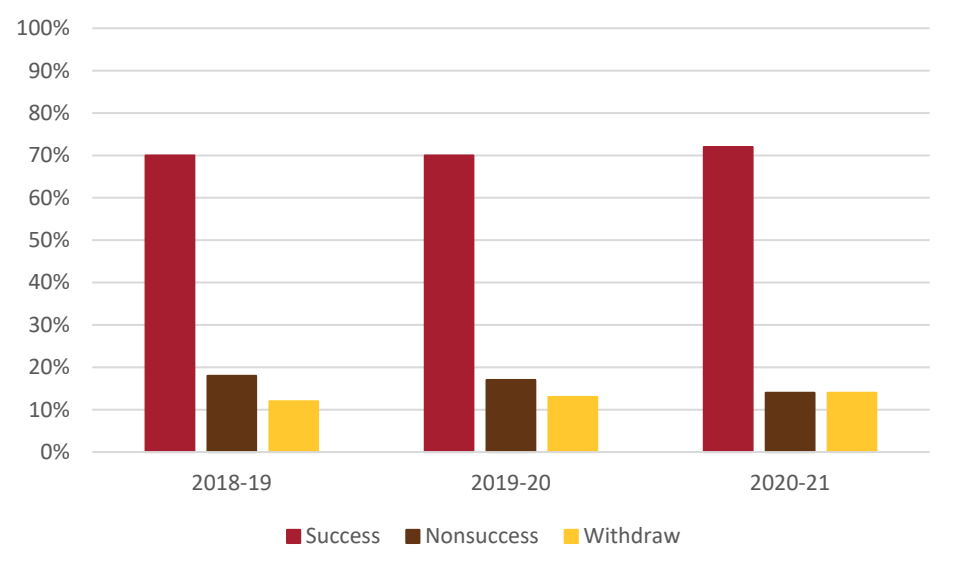
Table 1. Course Success Rates, 2018-19 to 2020-21.

	Success		Nonsuccess		Withdraw		Total	
Year	Enr	%	Enr	%	Enr	%	Enr	%
2018-19	10,643	70%	2,782	18%	1,912	12%	15,337	100%
2019-20	10,683	71%	2,274	15%	2,071	14%	15,028	100%
2020-21	10,542	72%	2,035	14%	2,021	14%	14,598	100%

Note: Includes Fall, Winter, and Spring terms only.

Even after excluding the Spring 2020 grades (due to inconsistencies with the instructional modality coding), the 2-percentage point increase in course success rates remain stable during the same three-year time frame (Chart 1).

Chart 1. Course Success Rates, 2018-19 to 2020-21 (Spring 2020 excluded).



Note: Excludes Spring 2020, Second Spring, Summer terms.

Table 2 shows the enrollment or number of final grades associated with the 17 courses without Spring 2020. The total column reflects 4,327 grades that are not included. There appears to be slight increase in the nonsuccess rates when excluding Spring 2020 (+2-percentage points).

Table 2. Course Success Rates, 2018-19 to 2020-21 (Spring 2020 excluded).

	Success		Nonsuccess		Withdraw		Total	
Year	Enr	%	Enr	%	Enr	%	Enr	%
2018-19	10,643	70%	2,782	18%	1,912	12%	15,337	100%
2019-20	7,463	70%	1,845	17%	1,393	13%	10,701	100%
2020-21	10,542	72%	2,035	14%	2,021	14%	14,598	100%

Note: Excludes Spring 2020, Second Spring, Summer terms.

An examination of course success rates by instructional modality shows that face-to-face (F2F)/hybrid instruction yields slightly higher passing grades compared to online courses, except for 2020-21 (Table 3). There is no exact comparison data by instructional modality for 2020-21 as all 17 courses were offered online only.

Table 3. Course Success Rates by Instructional Modality, 2018-19 to 2020-21.

		Success		Nonsuccess		Withdraw		Total	
Modality	Year	Enr	%	Enr	%	Enr	%	Enr	%
F2F/Hybrid	2018-19	6,476	70%	1,789	19%	1,017	11%	9,282	100%
	2019-20	4,479	71%	1,144	18%	697	11%	6,320	100%
Online	2018-19	4,167	69%	993	16%	895	14%	6,055	100%
	2019-20	2,984	68%	701	16%	696	16%	4,381	100%
	2020-21	10,542	72%	2,035	14%	2,021	14%	14,598	100%

Note: Excludes Spring 2020, Second Spring, Summer terms.

Table 4 shows that the F2F/hybrid course success rates are slightly higher or comparable to online pass rates when disaggregated by ethnicity. African American/Black students experience a 5-percentage point difference between their completion rates in F2F/hybrid and online sections. Asian and White students continue to have the highest success rates by ethnicity regardless of instructional modality. The success gap between the highest performing and lowest performing ethnicities is as large as 20-percentage points.

Table 4. Course Success Rates by Instructional Modality and Ethnicity, 2018-19 to 2020-21.

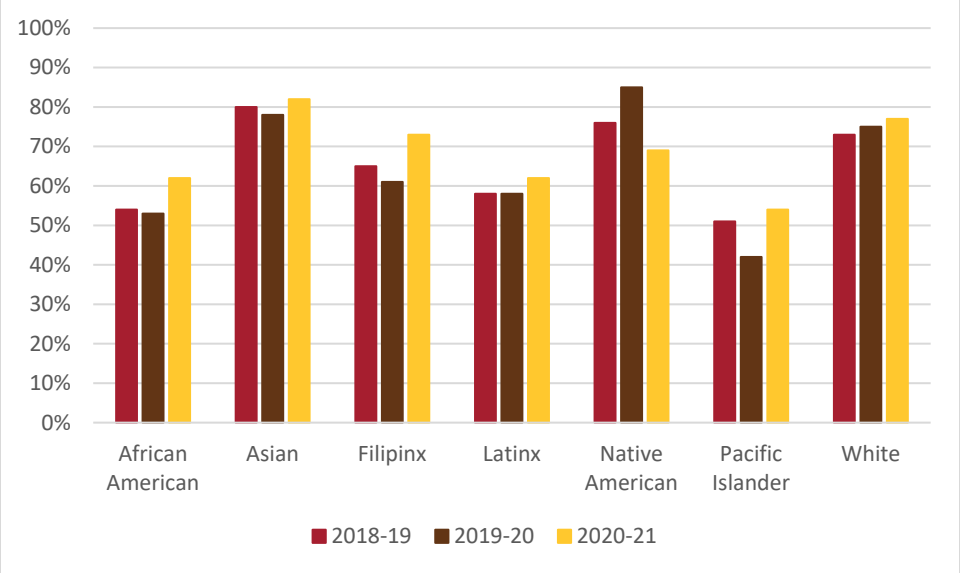
			Success		Nonsuccess		Withdraw		Total	
Modality	Ethnicity	Year	Enr	%	Enr	%	Enr	%	Enr	%
F2F/Hybrid	African American	2018-19	256	59%	119	28%	58	13%	433	100%
		2019-20	191	58%	97	29%	44	13%	332	100%
	Asian	2018-19	2,309	80%	358	12%	232	8%	2,899	100%
		2019-20	1,402	80%	208	12%	135	8%	1,745	100%
	Filipinx	2018-19	341	70%	81	17%	62	13%	484	100%
		2019-20	215	70%	48	16%	44	14%	307	100%
	Latinx	2018-19	1,773	58%	854	29%	398	13%	3,025	100%
		2019-20	1,436	62%	556	25%	314	14%	2,306	100%
	Native American	2018-19	14	79%	3	14%	1	7%	18	100%
		2019-20	15	59%	8	28%	4	14%	27	100%
	Pacific Islander	2018-19	65	48%	33	27%	32	25%	130	100%
		2019-20	74	63%	29	25%	14	12%	117	100%
	White	2018-19	1,683	76%	315	14%	225	10%	2,223	100%
		2019-20	1,047	78%	167	12%	131	9%	1,345	100%
Online	African American	2018-19	176	54%	95	29%	59	18%	330	100%
		2019-20	170	53%	84	26%	69	21%	323	100%
		2020-21	504	63%	152	19%	146	18%	802	100%
	Asian	2018-19	1,474	80%	213	11%	167	9%	1,854	100%
		2019-20	1,028	78%	149	11%	144	11%	1,321	100%
		2020-21	3,089	82%	340	9%	348	9%	3,777	100%

	Filipinx	2018-19	236	65%	62	17%	66	18%	364	100%
		2019-20	136	61%	42	18%	46	21%	224	100%
		2020-21	601	73%	109	13%	117	14%	827	100%
	Latinx	2018-19	944	58%	370	22%	327	19%	1,641	100%
		2019-20	680	58%	259	22%	229	20%	1,168	100%
		2020-21	3,014	62%	927	20%	861	18%	4,802	100%
	Native American	2018-19	19	76%	1	4%	4	19%	24	100%
		2019-20	17	85%			4	15%	21	100%
		2020-21	38	69%	8	15%	9	16%	55	100%
	Pacific Islander	2018-19	41	51%	12	15%	25	33%	78	100%
		2019-20	28	42%	18	27%	20	31%	66	100%
		2020-21	131	54%	61	27%	45	20%	237	100%
	White	2018-19	1,179	73%	230	14%	238	14%	1,647	100%
		2019-20	873	75%	135	12%	177	14%	1,185	100%
		2020-21	2,833	77%	390	11%	459	12%	3,682	100%

Note: Excludes Spring 2020, Second Spring, Summer terms.

In 2020-21, the success rates in online sections increased noticeably among all ethnicities compared to previous years (Chart 2). Among African American/Black and Filipinx students, the online success increased by 8% while Latinx student rates increased by 4%. Asian and White students also increased their online course success rates by 2% and 4% respectively. Despite these increases, there is a range between the actual online course success rates by ethnicity, from the highest performing group in 2020-21 at 82% (Asians) to the lowest performing group at 54% (Pacific Islanders). It is noted that the more dramatic increases and decreases in online success rates seen with Native American and Pacific Islander may be less meaningful given the smaller size of these two student populations (Table 5).

Chart 2. Online Course Success Rates by Ethnicity, 2018-19 to 2020-21.



Note: Excludes Spring 2020, Second Spring, Summer terms.

As noted in Chart 2, there continues to be an equity gap in online course success rates by ethnicity. These gaps are visible even as online success rates increased over time, demonstrating

the challenge with "a rising tide raises all boats" approach to improving online completion. The success gap narrowed between African Americans/Blacks and Asians from -26% in 2018-19 to -20% in 2020-21. Latinx students also narrowed the online success gap from -22% to -20% in these three years. There should be caution applied when interpreting the relationship of the 2019-20 online success rates with other years given that the 2019-20 figures do not include Spring 2020.

While additional statistical calculation indicates that the increase in African American/Black and Latinx online success rates are statistically significant at $p<0.05$, suggesting that this increase is not occurring simply by chance, it is important to note that some of this effect may be mediated by other factors, including self-selection and forced enrollment into the online instructional modality. Students without adequate resources may have exited and left the college (or never enrolled). Given the college's pivot online in Spring 2020, student success and support services were also more robust in the virtual space compared to previous years. Instructor variability, comfort, and skill with online teaching methodologies may also play a role in facilitate online course success.

Table 5. Online Course Success Rates by Ethnicity, 2018-19 to 2020-21.

		Success		Nonsuccess		Withdraw		Total	
Year	Ethnicity	Enr	%	Enr	%	Enr	%	Enr	%
2018-19	African American	183	54%	95	29%	59	18%	337	100%
	Asian	1,474	80%	213	11%	167	9%	1,854	100%
	Filipinx	236	65%	62	17%	66	18%	364	100%
	Latinx	966	58%	370	22%	328	19%	1,664	100%
	Native American	19	76%	1	4%	4	19%	24	100%
	Pacific Islander	41	51%	12	15%	25	33%	78	100%
	White	1,179	73%	230	14%	238	14%	1,647	100%
2019-20	African American	170	53%	84	27%	69	21%	323	100%
	Asian	1,028	78%	149	11%	144	11%	1,321	100%
	Filipinx	136	61%	42	18%	46	21%	224	100%
	Latinx	680	58%	259	23%	229	20%	1,168	100%
	Native American	17	85%			4	15%	21	100%
	Pacific Islander	28	42%	18	27%	20	31%	66	100%
	White	873	75%	135	12%	177	14%	1,185	100%
2020-21	African American	495	62%	152	19%	145	18%	792	100%
	Asian	3,084	82%	340	9%	347	9%	3,771	100%
	Filipinx	597	73%	109	13%	116	14%	822	100%
	Latinx	2,912	62%	921	20%	852	18%	4,685	100%
	Native American	38	69%	8	15%	9	16%	55	100%
	Pacific Islander	130	54%	61	27%	45	20%	236	100%
	White	2,833	77%	390	11%	458	12%	3,681	100%

Note: Excludes Spring 2020, Second Spring, Summer terms.

Table 6 examines the success rates by instructional modality for the 17 courses identified at the beginning of this report. In BIOL 40A and CHEM 30A, the online success rate in 2020-21 was higher than the two previous years when both courses were only offered in a F2F/hybrid

format. In ENGL 1A/1B the online course success rates were generally lower than the F2F/hybrid completion rates. Meanwhile, MATH 1A/10 demonstrated comparable course success rates by modality. BSS courses generally had higher online success rates in 2020-21 except in BUSI 22/59, ECON 1A/1B, and POLI 1. Table cells shaded in grey highlight the courses, instructional modality, and year that have lower than two-thirds completion rates. Lower success rates from 2019-20 are not highlighted due to the exclusion of the Spring 2020 data.

Table 6. Course Success Rates by Highlighted Courses and Instructional Modality, 2018-19 to 2020-21.

				Success		Nonsuccess/Withdraw		Total	
Div	Course	Modality	Year	Enr	%	Enr	%	Enr	%
1BH	BIOLF040A	F2F/Hybrid	2018-19	395	82%	81	18%	476	100%
			2019-20	328	83%	68	17%	396	100%
		Online	2020-21	681	87%	104	13%	785	100%
1FA	COMMF001A	F2F/Hybrid	2018-19	453	81%	106	19%	559	100%
			2019-20	270	81%	63	19%	333	100%
		Online	2018-19	128	72%	51	28%	179	100%
			2019-20	148	87%	21	13%	169	100%
			2020-21	690	80%	172	20%	862	100%
1LA	ENGLF001A	F2F/Hybrid	2018-19	938	71%	395	29%	1,333	100%
			2019-20	799	70%	337	30%	1,136	100%
		Online	2018-19	274	64%	163	36%	437	100%
			2019-20	236	65%	126	35%	362	100%
			2020-21	1,158	69%	515	31%	1,673	100%
	ENGLF001B	F2F/Hybrid	2018-19	850	81%	206	19%	1,056	100%
			2019-20	502	82%	114	18%	616	100%
		Online	2018-19	344	74%	123	26%	467	100%
			2019-20	244	63%	141	37%	385	100%
			2020-21	1,009	72%	388	28%	1,397	100%
1PS	CHEMF030A	F2F/Hybrid	2018-19	443	69%	187	31%	630	100%
			2019-20	268	63%	146	37%	414	100%
		Online	2020-21	555	71%	223	29%	778	100%
	MATHF001A	F2F/Hybrid	2018-19	417	59%	304	41%	721	100%
			2019-20	318	69%	143	31%	461	100%
		Online	2018-19	78	63%	45	37%	123	100%
			2019-20	65	67%	34	33%	99	100%
			2020-21	492	64%	277	36%	769	100%
	MATHF010.	F2F/Hybrid	2018-19	888	65%	474	35%	1,362	100%
			2019-20	670	64%	383	36%	1,053	100%
		Online	2018-19	547	66%	287	34%	834	100%
			2019-20	378	67%	192	33%	570	100%
			2020-21	1,394	75%	467	25%	1,861	100%
1SS	ACTGF001A	F2F/Hybrid	2018-19	161	61%	106	39%	267	100%
			2019-20	142	73%	52	27%	194	100%
		Online	2018-19	461	75%	164	25%	625	100%
			2019-20	309	76%	104	24%	413	100%
			2020-21	517	77%	157	23%	674	100%

ANTHF001.	F2F/Hybrid	2018-19	327	69%	148	31%	475	100%
		2019-20	118	60%	80	40%	198	100%
	Online	2018-19	363	77%	110	23%	473	100%
		2019-20	296	83%	62	17%	358	100%
		2020-21	586	72%	227	28%	813	100%
BUSIF022.	F2F/Hybrid	2018-19	167	81%	40	19%	207	100%
		2019-20	102	84%	20	16%	122	100%
	Online	2018-19	147	79%	40	21%	187	100%
		2019-20	105	79%	30	21%	135	100%
		2020-21	246	76%	81	24%	327	100%
BUSIF059.	F2F/Hybrid	2018-19	37	54%	32	46%	69	100%
		2019-20	24	76%	7	24%	31	100%
	Online	2018-19	67	79%	20	21%	87	100%
		2019-20	31	76%	10	24%	41	100%
		2020-21	171	69%	72	31%	243	100%
ECONF001A	F2F/Hybrid	2018-19	291	70%	127	30%	418	100%
		2019-20	189	74%	69	26%	258	100%
	Online	2018-19	266	81%	66	19%	332	100%
		2019-20	135	71%	56	29%	191	100%
		2020-21	611	77%	182	23%	793	100%
ECONF001B	F2F/Hybrid	2018-19	246	71%	101	29%	347	100%
		2019-20	154	72%	59	28%	213	100%
	Online	2018-19	160	50%	173	50%	333	100%
		2019-20	73	41%	109	59%	182	100%
		2020-21	336	64%	197	36%	533	100%
GEOGF001.	F2F/Hybrid	2018-19	110	60%	73	40%	183	100%
		2019-20	63	51%	61	49%	124	100%
	Online	2018-19	270	73%	106	27%	376	100%
		2019-20	224	76%	72	24%	296	100%
		2020-21	425	76%	135	24%	560	100%
POLIF001.	F2F/Hybrid	2018-19	150	62%	88	38%	238	100%
		2019-20	109	67%	54	33%	163	100%
	Online	2018-19	232	64%	133	36%	365	100%
		2019-20	184	59%	129	41%	313	100%
		2020-21	310	58%	227	42%	537	100%
PSYCF001.	F2F/Hybrid	2018-19	390	62%	237	38%	627	100%
		2019-20	317	73%	115	27%	432	100%
	Online	2018-19	621	69%	280	31%	901	100%
		2019-20	371	65%	194	35%	565	100%
		2020-21	960	69%	423	31%	1,383	100%
SOCF001.	F2F/Hybrid	2018-19	213	68%	101	32%	314	100%
		2019-20	106	61%	70	39%	176	100%
	Online	2018-19	209	61%	127	39%	336	100%
		2019-20	185	61%	117	39%	302	100%
		2020-21	401	66%	209	34%	610	100%

Note: Excludes Spring 2020, Second Spring, Summer terms.

Methodology

These data in this report are based on end-of-term grades where course success is defined by an A, B, C, P grade. Nonsuccess and withdraw categories include D, F, I, NP, RD, EW, FW, IW, W. Consequently, only credit courses are included. The analysis focuses on the primary terms in the academic year, so fall, winter, spring quarters only. Second Spring and Summer terms are excluded. With the exception of Table 1, Spring 2021 is also excluded from 2020-21 data because the section coding was not revised to reflect the pivot to virtual instruction that occurred for that term. As a result, it becomes difficult to analyze Spring 2021 section data by instructional modality. Instructional modality are grouped into two main categories: Face-to-Face (F2F)/Hybrid and Online. Online sections are identified by classes ending in V, W, Z while Hybrid includes sections ending with R, T, Y. All other sections are taught face-to-face. Dual enrollment sections are included. Due to the small counts, Decline to State students are excluded from this report.

Source

FHDA IRP, ODS [3-YR success rates by modality.bqy]

Appendix A. Online Course Success Rates by Division and Ethnicity. 2018-19 to 2020-21.

				Success		Nonsuccess/Withdraw		Total	
Div	Course	Ethnicity	Year	Enr	%	Enr	%	Enr	%
1BH	BIOLF040A	African American	2020-21	25	75%	8	25%	33	100%
		Asian	2020-21	230	91%	22	9%	252	100%
		Filipinx	2020-21	72	86%	12	14%	84	100%
		Latinx	2020-21	208	82%	44	18%	252	100%
		Native American	2020-21	1	49%	1	51%	2	100%
		Pacific Islander	2020-21	10	79%	3	21%	13	100%
		White	2020-21	128	92%	14	8%	142	100%
1FA	COMMF001A	African American	2018-19	6	48%	5	52%	11	100%
			2019-20	6	100%			6	100%
			2020-21	35	69%	16	31%	51	100%
		Asian	2018-19	42	83%	9	17%	51	100%
			2019-20	50	91%	5	9%	55	100%
			2020-21	188	87%	28	13%	216	100%
		Filipinx	2018-19	6	62%	4	38%	10	100%
			2019-20	8	78%	2	22%	10	100%
			2020-21	40	79%	11	21%	51	100%
		Latinx	2018-19	36	67%	17	33%	53	100%
			2019-20	38	83%	7	17%	45	100%
			2020-21	214	74%	75	26%	289	100%
		Native American	2018-19	1	100%			1	100%
			2019-20			1	100%	1	100%
			2020-21	3	100%			3	100%
		Pacific Islander	2018-19	2	53%	2	47%	4	100%
			2019-20	3	100%			3	100%
			2020-21	4	47%	3	53%	7	100%
		White	2018-19	34	72%	14	28%	48	100%

			2019-20	40	86%	6	14%	46	100%
			2020-21	188	84%	36	16%	224	100%
1LA	ENGLF001A	African American	2018-19	15	57%	11	43%	26	100%
			2019-20	14	49%	13	51%	27	100%
			2020-21	64	64%	38	36%	102	100%
		Asian	2018-19	88	73%	34	27%	122	100%
			2019-20	61	65%	36	35%	97	100%
			2020-21	275	75%	93	25%	368	100%
		Filipinx	2018-19	16	57%	12	43%	28	100%
			2019-20	12	54%	12	46%	24	100%
			2020-21	49	67%	27	33%	76	100%
		Latinx	2018-19	70	55%	61	45%	131	100%
			2019-20	70	62%	42	38%	112	100%
			2020-21	319	56%	238	44%	557	100%
		Native American	2018-19	1	100%			1	100%
			2019-20	1	100%			1	100%
			2020-21	5	55%	4	45%	9	100%
		Pacific Islander	2018-19	4	42%	5	58%	9	100%
			2019-20	1	20%	4	80%	5	100%
			2020-21	16	55%	12	45%	28	100%
		White	2018-19	73	66%	39	34%	112	100%
			2019-20	71	79%	19	21%	90	100%
			2020-21	293	80%	74	20%	367	100%
1LA	ENGLF001B	African American	2018-19	14	71%	5	29%	19	100%
			2019-20	7	54%	5	46%	12	100%
			2020-21	62	67%	29	33%	91	100%
		Asian	2018-19	130	83%	31	17%	161	100%
			2019-20	97	74%	34	26%	131	100%
			2020-21	310	81%	75	19%	385	100%
		Filipinx	2018-19	17	60%	11	40%	28	100%
			2019-20	10	52%	8	48%	18	100%
			2020-21	42	59%	28	41%	70	100%
		Latinx	2018-19	81	61%	51	39%	132	100%
			2019-20	58	51%	53	49%	111	100%
			2020-21	274	64%	156	36%	430	100%
		Native American	2018-19	4	100%			4	100%
			2019-20	2	100%			2	100%
			2020-21	5	71%	2	29%	7	100%
		Pacific Islander	2018-19	5	68%	2	32%	7	100%
			2019-20	3	37%	5	63%	8	100%
			2020-21	4	36%	7	64%	11	100%
		White	2018-19	90	81%	23	19%	113	100%
			2019-20	64	65%	36	35%	100	100%
			2020-21	258	79%	71	21%	329	100%
1PS	CHEMF030A	African American	2020-21	25	59%	17	41%	42	100%
		Asian	2020-21	153	90%	17	10%	170	100%
		Filipinx	2020-21	70	84%	14	16%	84	100%

		Latinx	2020-21	171	55%	135	45%	306	100%
		Native American	2020-21			1	100%	1	100%
		Pacific Islander	2020-21	13	76%	4	24%	17	100%
		White	2020-21	117	77%	33	23%	150	100%
1PS	MATHF001A	African American	2018-19	3	45%	3	55%	6	100%
			2019-20	1	50%	1	50%	2	100%
			2020-21	13	54%	11	46%	24	100%
		Asian	2018-19	34	65%	18	35%	52	100%
			2019-20	29	74%	10	26%	39	100%
			2020-21	183	72%	73	28%	256	100%
		Filipinx	2018-19	5	83%	1	17%	6	100%
			2019-20	1	100%			1	100%
			2020-21	19	51%	18	49%	37	100%
		Latinx	2018-19	17	60%	11	40%	28	100%
			2019-20	6	41%	9	59%	15	100%
			2020-21	81	50%	80	50%	161	100%
		Native American	2020-21			1	100%	1	100%
		Pacific Islander	2018-19	1	36%	2	64%	3	100%
			2019-20	1	100%			1	100%
			2020-21	5	45%	5	55%	10	100%
		White	2018-19	18	68%	8	32%	26	100%
			2019-20	25	67%	13	33%	38	100%
			2020-21	156	67%	81	33%	237	100%
1PS	MATHF010.	African American	2018-19	29	53%	26	47%	55	100%
			2019-20	26	57%	19	43%	45	100%
			2020-21	86	77%	25	23%	111	100%
		Asian	2018-19	151	76%	49	24%	200	100%
			2019-20	122	74%	40	26%	162	100%
			2020-21	339	85%	64	15%	403	100%
		Filipinx	2018-19	33	59%	23	41%	56	100%
			2019-20	22	58%	17	42%	39	100%
			2020-21	82	74%	29	26%	111	100%
		Latinx	2018-19	144	56%	109	44%	253	100%
			2019-20	80	58%	58	42%	138	100%
			2020-21	445	64%	239	36%	684	100%
		Native American	2018-19	2	67%	1	33%	3	100%
			2019-20	4	72%	2	28%	6	100%
			2020-21	5	62%	3	38%	8	100%
		Pacific Islander	2018-19	3	42%	5	58%	8	100%
			2019-20	1	17%	5	83%	6	100%
			2020-21	23	65%	12	35%	35	100%
		White	2018-19	172	72%	72	28%	244	100%
			2019-20	116	72%	49	28%	165	100%
			2020-21	374	82%	87	18%	461	100%
1SS	ACTGF001A	African American	2018-19	10	36%	17	64%	27	100%
			2019-20	16	69%	7	31%	23	100%
			2020-21	10	38%	17	62%	27	100%

		Asian	2018-19	191	86%	35	14%	226	100%
			2019-20	118	85%	22	15%	140	100%
			2020-21	168	83%	32	17%	200	100%
		Filipinx	2018-19	15	56%	10	44%	25	100%
			2019-20	10	44%	13	56%	23	100%
			2020-21	32	84%	6	16%	38	100%
		Latinx	2018-19	73	59%	56	41%	129	100%
			2019-20	56	64%	33	36%	89	100%
			2020-21	96	62%	57	38%	153	100%
		Native American	2018-19	1	53%	1	47%	2	100%
			2019-20	1	100%			1	100%
			2020-21	2	100%			2	100%
		Pacific Islander	2018-19	5	79%	1	21%	6	100%
			2019-20	4	76%	1	24%	5	100%
			2020-21	6	76%	2	24%	8	100%
		White	2018-19	154	81%	42	19%	196	100%
			2019-20	93	82%	24	18%	117	100%
			2020-21	183	82%	41	18%	224	100%
1SS	ANTHF001.	African American	2018-19	23	69%	10	31%	33	100%
			2019-20	23	70%	10	30%	33	100%
			2020-21	27	57%	21	43%	48	100%
		Asian	2018-19	138	88%	19	12%	157	100%
			2019-20	101	90%	11	10%	112	100%
			2020-21	191	84%	35	16%	226	100%
		Filipinx	2018-19	20	78%	6	22%	26	100%
			2019-20	15	88%	2	12%	17	100%
			2020-21	23	72%	9	28%	32	100%
		Latinx	2018-19	67	65%	36	35%	103	100%
			2019-20	64	77%	18	23%	82	100%
			2020-21	155	67%	77	33%	232	100%
		Native American	2019-20	3	100%			3	100%
			2020-21			2	100%	2	100%
		Pacific Islander	2018-19	2	40%	3	60%	5	100%
			2019-20	3	47%	3	53%	6	100%
			2020-21	5	30%	12	70%	17	100%
		White	2018-19	104	76%	34	24%	138	100%
			2019-20	85	85%	16	15%	101	100%
			2020-21	171	72%	65	28%	236	100%
1SS	BUSIF022.	African American	2018-19	4	88%	2	12%	6	100%
			2019-20	6	40%	8	60%	14	100%
			2020-21	10	65%	5	35%	15	100%
		Asian	2018-19	54	78%	15	22%	69	100%
			2019-20	41	90%	5	10%	46	100%
			2020-21	82	87%	14	13%	96	100%
		Filipinx	2018-19	9	90%	1	10%	10	100%
			2019-20	5	100%			5	100%
			2020-21	12	85%	2	15%	14	100%

		Latinx	2018-19	35	70%	14	30%	49	100%
			2019-20	21	71%	10	29%	31	100%
			2020-21	59	62%	36	38%	95	100%
		Native American	2018-19	2	100%			2	100%
			2020-21	3	100%			3	100%
		Pacific Islander	2018-19	2	100%			2	100%
			2019-20			1	100%	1	100%
			2020-21	6	100%			6	100%
		White	2018-19	41	83%	8	17%	49	100%
			2019-20	29	84%	6	16%	35	100%
			2020-21	63	77%	21	23%	84	100%
1SS	BUSIF059.	African American	2018-19	1	39%	1	61%	2	100%
			2020-21	13	72%	5	28%	18	100%
		Asian	2018-19	27	100%			27	100%
			2019-20	13	86%	2	14%	15	100%
			2020-21	46	83%	9	17%	55	100%
		Filipinx	2018-19	4	100%			4	100%
			2019-20	1	47%	1	53%	2	100%
			2020-21	7	75%	2	25%	9	100%
		Latinx	2018-19	16	72%	8	28%	24	100%
			2019-20	7	63%	4	37%	11	100%
			2020-21	38	48%	39	52%	77	100%
		Native American	2018-19	1	100%			1	100%
			2020-21	3	100%			3	100%
		Pacific Islander	2018-19			1	100%	1	100%
			2019-20	1	52%	1	48%	2	100%
			2020-21	2	15%	5	85%	7	100%
		White	2018-19	18	65%	10	35%	28	100%
			2019-20	9	82%	2	18%	11	100%
			2020-21	54	83%	10	17%	64	100%
1SS	ECONF001A	African American	2018-19	8	71%	4	29%	12	100%
			2019-20			2	100%	2	100%
			2020-21	25	58%	18	42%	43	100%
		Asian	2018-19	128	93%	11	7%	139	100%
			2019-20	71	82%	16	18%	87	100%
			2020-21	207	85%	36	15%	243	100%
		Filipinx	2018-19	15	92%	1	8%	16	100%
			2019-20	5	69%	3	31%	8	100%
			2020-21	23	66%	12	34%	35	100%
		Latinx	2018-19	37	64%	22	36%	59	100%
			2019-20	24	56%	19	44%	43	100%
			2020-21	140	65%	76	35%	216	100%
		Native American	2018-19	1	100%			1	100%
			2020-21	2	67%	1	33%	3	100%
		Pacific Islander	2018-19			2	100%	2	100%
			2019-20	8	67%	4	33%	12	100%
		White	2020-21	71	75%	25	25%	96	100%

			2018-19	34	70%	15	30%	49	100%
			2019-20	169	84%	32	16%	201	100%
1SS	ECONF001B	African American	2018-19	6	37%	10	63%	16	100%
			2019-20	3	33%	6	67%	9	100%
			2020-21	4	31%	9	69%	13	100%
		Asian	2018-19	67	63%	39	37%	106	100%
			2019-20	30	51%	31	49%	61	100%
			2020-21	133	78%	39	22%	172	100%
		Filipinx	2018-19	6	25%	20	75%	26	100%
			2019-20	2	61%	2	39%	4	100%
			2020-21	11	60%	8	40%	19	100%
		Latinx	2018-19	27	34%	55	66%	82	100%
			2019-20	11	21%	41	79%	52	100%
			2020-21	63	47%	72	53%	135	100%
		Native American	2018-19			1	100%	1	100%
			2020-21	1	100%			1	100%
		Pacific Islander	2018-19			2	100%	2	100%
			2019-20	2	39%	2	61%	4	100%
			2020-21	6	43%	8	57%	14	100%
		White	2018-19	54	57%	44	43%	98	100%
			2019-20	22	47%	26	53%	48	100%
			2020-21	100	65%	57	35%	157	100%
1SS	GEOGF001.	African American	2018-19	14	47%	16	53%	30	100%
			2019-20	8	34%	14	66%	22	100%
			2020-21	21	57%	16	43%	37	100%
		Asian	2018-19	74	86%	12	14%	86	100%
			2019-20	66	91%	7	9%	73	100%
			2020-21	113	88%	15	12%	128	100%
		Filipinx	2018-19	19	81%	5	19%	24	100%
			2019-20	8	71%	3	29%	11	100%
			2020-21	22	82%	5	18%	27	100%
		Latinx	2018-19	61	61%	41	39%	102	100%
			2019-20	48	63%	29	37%	77	100%
			2020-21	116	70%	50	30%	166	100%
		Native American	2018-19	1	21%	1	79%	2	100%
			2019-20			1	100%	1	100%
			2020-21	2	100%			2	100%
		Pacific Islander	2018-19	2	34%	3	66%	5	100%
			2019-20			3	100%	3	100%
			2020-21	3	26%	9	74%	12	100%
		White	2018-19	91	77%	28	23%	119	100%
			2019-20	91	87%	13	13%	104	100%
			2020-21	141	79%	38	21%	179	100%
1SS	POLIF001.	African American	2018-19	10	50%	11	50%	21	100%
			2019-20	21	41%	29	59%	50	100%
			2020-21	17	55%	14	45%	31	100%
		Asian	2018-19	79	73%	30	27%	109	100%

			2019-20	54	72%	22	28%	76	100%
			2020-21	88	69%	39	31%	127	100%
		Filipinx	2018-19	10	76%	3	24%	13	100%
			2019-20	14	73%	5	27%	19	100%
			2020-21	8	64%	5	36%	13	100%
		Latinx	2018-19	66	56%	51	44%	117	100%
			2019-20	37	52%	33	48%	70	100%
			2020-21	86	46%	99	54%	185	100%
		Native American	2018-19	2	100%			2	100%
			2019-20	1	100%			1	100%
			2020-21	1	50%	1	50%	2	100%
		Pacific Islander	2018-19	2	40%	3	60%	5	100%
			2019-20	1	34%	2	66%	3	100%
			2020-21	2	48%	2	52%	4	100%
		White	2018-19	60	65%	32	35%	92	100%
			2019-20	50	59%	35	41%	85	100%
			2020-21	98	61%	63	39%	161	100%
1SS	PSYCF001.	African American	2018-19	29	52%	26	48%	55	100%
			2019-20	26	58%	18	42%	44	100%
			2020-21	39	58%	30	42%	69	100%
		Asian	2018-19	201	80%	52	20%	253	100%
			2019-20	112	77%	33	23%	145	100%
			2020-21	268	82%	58	18%	326	100%
		Filipinx	2018-19	45	74%	15	26%	60	100%
			2019-20	14	52%	13	48%	27	100%
			2020-21	53	71%	21	29%	74	100%
		Latinx	2018-19	182	59%	123	41%	305	100%
			2019-20	103	53%	88	47%	191	100%
			2020-21	329	60%	216	40%	545	100%
		Native American	2018-19	2	100%			2	100%
			2019-20	5	100%			5	100%
			2020-21	3	100%			3	100%
		Pacific Islander	2018-19	8	65%	4	35%	12	100%
			2019-20	4	26%	8	74%	12	100%
			2020-21	14	50%	13	50%	27	100%
		White	2018-19	150	73%	58	27%	208	100%
			2019-20	99	76%	31	24%	130	100%
			2020-21	228	74%	80	26%	308	100%
1SS	SOCF001.	African American	2018-19	11	59%	7	41%	18	100%
			2019-20	13	40%	21	60%	34	100%
			2020-21	19	47%	18	53%	37	100%
		Asian	2018-19	70	74%	26	26%	96	100%
			2019-20	63	76%	19	24%	82	100%
			2020-21	110	74%	38	26%	148	100%
		Filipinx	2018-19	16	46%	16	54%	32	100%
			2019-20	9	52%	7	48%	16	100%
			2020-21	32	68%	16	32%	48	100%

Latinx	2018-19	54	54%	43	46%	97	100%
	2019-20	47	50%	44	50%	91	100%
	2020-21	118	57%	84	43%	202	100%
Native American	2018-19	1	50%	1	50%	2	100%
	2020-21	2	80%	1	20%	3	100%
Pacific Islander	2018-19	5	77%	2	23%	7	100%
	2019-20	4	48%	3	52%	7	100%
	2020-21	3	34%	5	66%	8	100%
White	2018-19	49	61%	31	39%	80	100%
	2019-20	45	69%	21	31%	66	100%
	2020-21	112	73%	45	27%	157	100%