



2022 Fact Book

Distance Learning

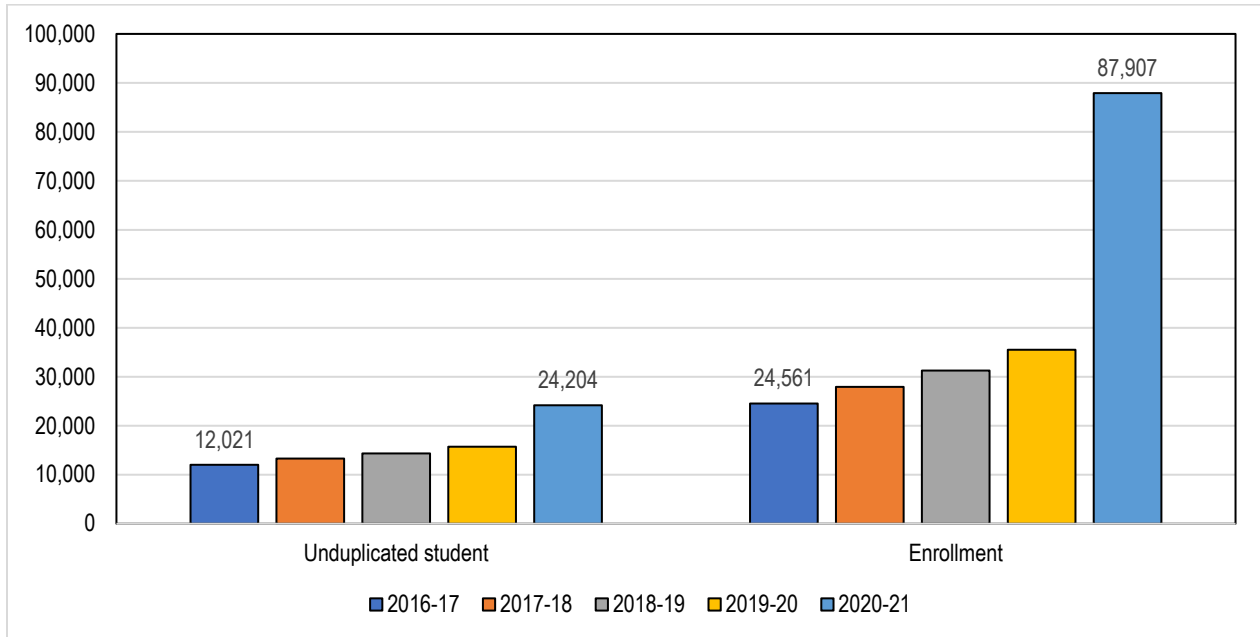
Note that the 2020-2021 Coding of the Session Instruction Method data (CHC only) was impacted by the COVID-19 Pandemic.

Prepared by the SBCCD Office of Research,
Planning and Institutional Effectiveness

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Unduplicated Number of Students and Enrollments in Distance Education Courses: 2016-17 Through 2020-21

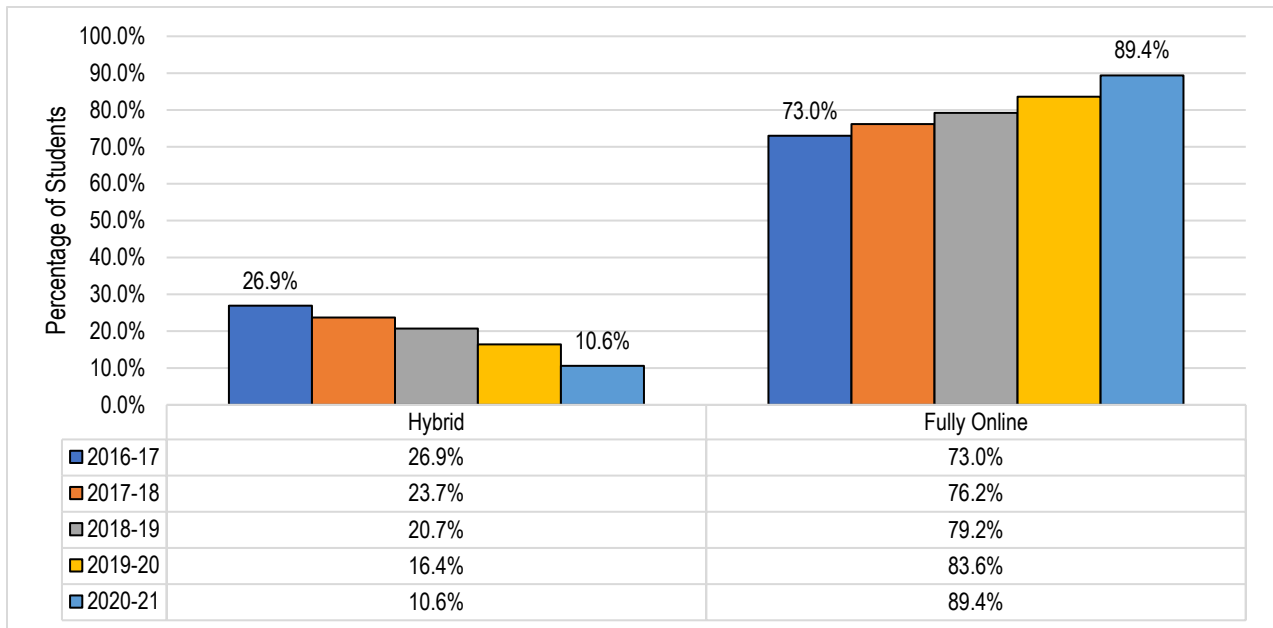


		2016-17	2017-18	2018-19	2019-20	2020-21	5 Year Change	5 Year Average
Crafton Hills College	Unduplicated Student	3,020	3,418	4,147	4,760	6,865	+127.3%	4,442
	Enrollment	5,446	6,476	8,663	10,639	16,765	+207.8%	9,598
San Bernardino Valley College	Unduplicated Student	9,001	9,898	10,224	10,972	17,339	+92.6%	11,487
	Enrollment	19,115	21,472	22,599	24,885	71,142	+272.2%	31,843
SBCCD	Unduplicated Student	12,021	13,316	14,371	15,732	24,204	+101.3%	15,929
	Enrollment	24,561	27,948	31,262	35,524	87,907	+257.9%	41,440

Source: CCCC MIS Referential Data Files.

Between 2016-17 and 2020-21, the number of unduplicated students served via distance learning has increased (+12,183 students, 12,021 in 2016-17, 24,204 in 2020-21, a 101.3% increase). The number of enrollments via distance learning has increased (+63,346 students, 24,561 in 2016-17, 87,907 in 2020-21, a 257.9% increase).

Distance Education Enrollments: 2016-17 Through 2020-21

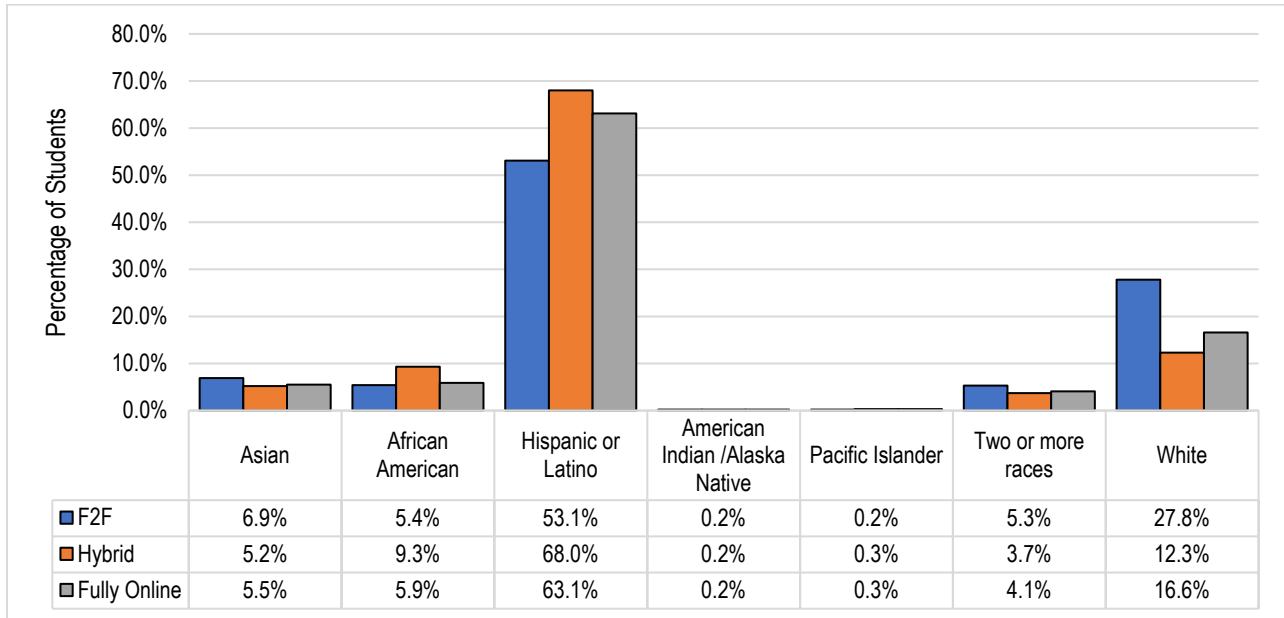


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	Hybrid	Fully Online	Total	Hybrid	Fully Online	Total	Hybrid	Fully Online	Total
2016-17	620	4,826	5,446	5,995	13,102	19,115	6,615	17,928	24,561
2017-18	498	5,978	6,476	6,127	15,315	21,472	6,625	21,293	27,948
2018-19	770	7,893	8,663	5,699	16,873	22,599	6,469	24,766	31,262
2019-20	838	9,801	10,639	4,991	19,894	24,885	5,829	29,695	35,524
2020-21	923	15,842	16,765	8,370	62,772	71,142	9,293	78,614	87,907
Grand Total	3,649	44,340	47,989	31,182	127,956	159,213	34,831	172,296	207,202
5 Year Change	+48.9%	+228.3%	+207.8%	+39.6%	+379.1%	+272.2%	+40.5%	+338.5%	+257.9%
5 Year Average	730	8,868	9,598	6,236	25,591	31,843	6,966	34,459	41,440

Source: CCCC MIS Referential Data Files

Between 2016-17 and 2020-21, the percentage of students who enrolled in fully online courses increased by 16.4% from 73.0% to 89.4%.

Demographic Comparison of Students who Enrolled in Face-to-Face, Hybrid, and Fully Online Courses By Ethnic Group: 2020-21

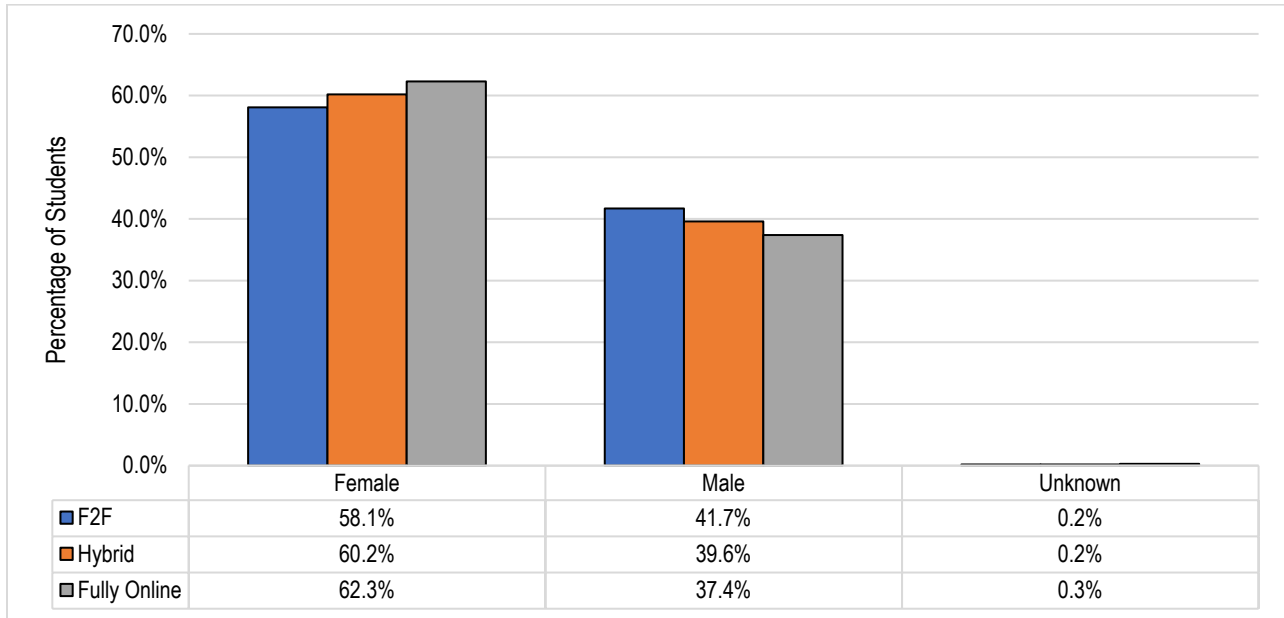


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	465	59	390	116	292	855	581	351	1,245
African American	268	34	249	183	588	1,847	451	622	1,350
Hispanic or Latino	3,366	364	2,953	1,090	4,188	11,401	4,456	4,552	14,354
American Indian /Alaska Native	13	0	16	1	11	33	14	11	49
Pacific Islander	14	3	14	2	15	45	16	18	59
Two or more races	382	44	335	62	207	598	444	251	933
White	2,113	225	1,915	217	596	1,870	2,330	821	3,785
Unknown	97	7	76	10	62	169	107	69	245
Total	6,718	736	5,948	1,677	5,959	16,818	8,395	6,695	22,766

Source: CCCC MIS Referential Data Files

Compared to their representation in fully online and hybrid courses, Hispanic students were underrepresented in face-to-face courses. White students were more prominent in face-to-face courses than in fully online and hybrid courses.

Demographic Comparison of Students who Enrolled in Face-to-Face, Hybrid, and Fully Online Courses By Gender: 2020-21

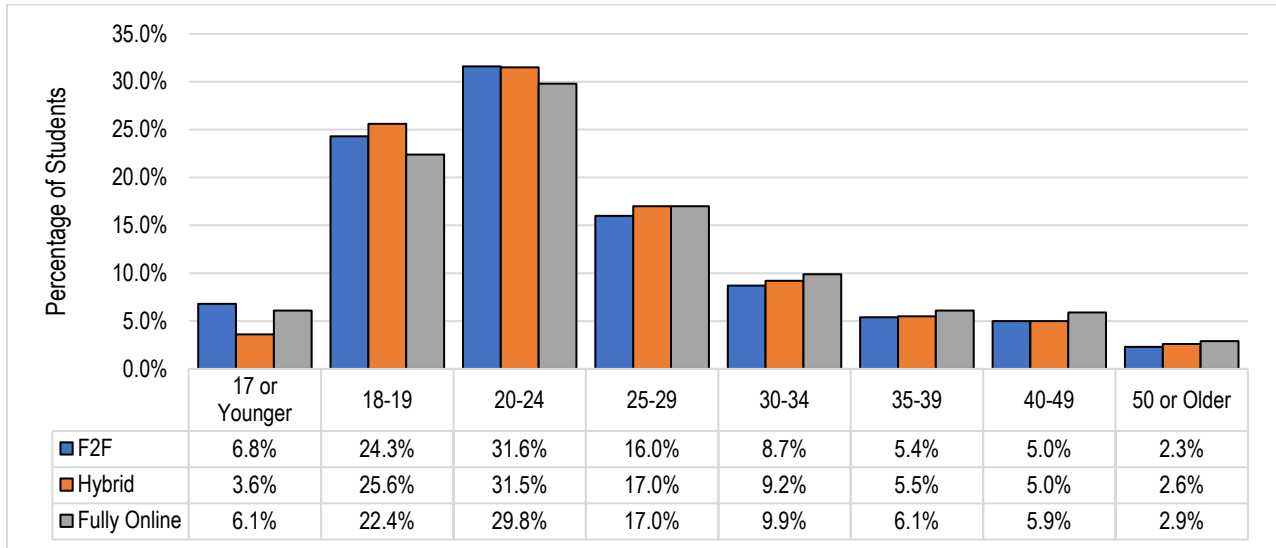


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Female	3,820	417	3,453	1,062	3,616	10,737	4,882	4,033	14,190
Male	2,884	319	2,479	615	2,330	6,040	3,499	2,649	8,519
Unknown	14		16	3	13	41	17	13	57
Total	6,718	736	5,948	1,682	5,959	16,818	8,400	6,695	22,766

Sources: CCCC MIS Referential Data Files

Significant differences were observed in the gender ratio of instructional methods. In fully online courses, 62.3% of the unduplicated population were female while 37.4% were male. More female than male students enrolled in fully online courses.

Demographic Comparison of Students who Enrolled in Face-to-Face, Hybrid, and Fully Online Courses By Age Group: 2020-21

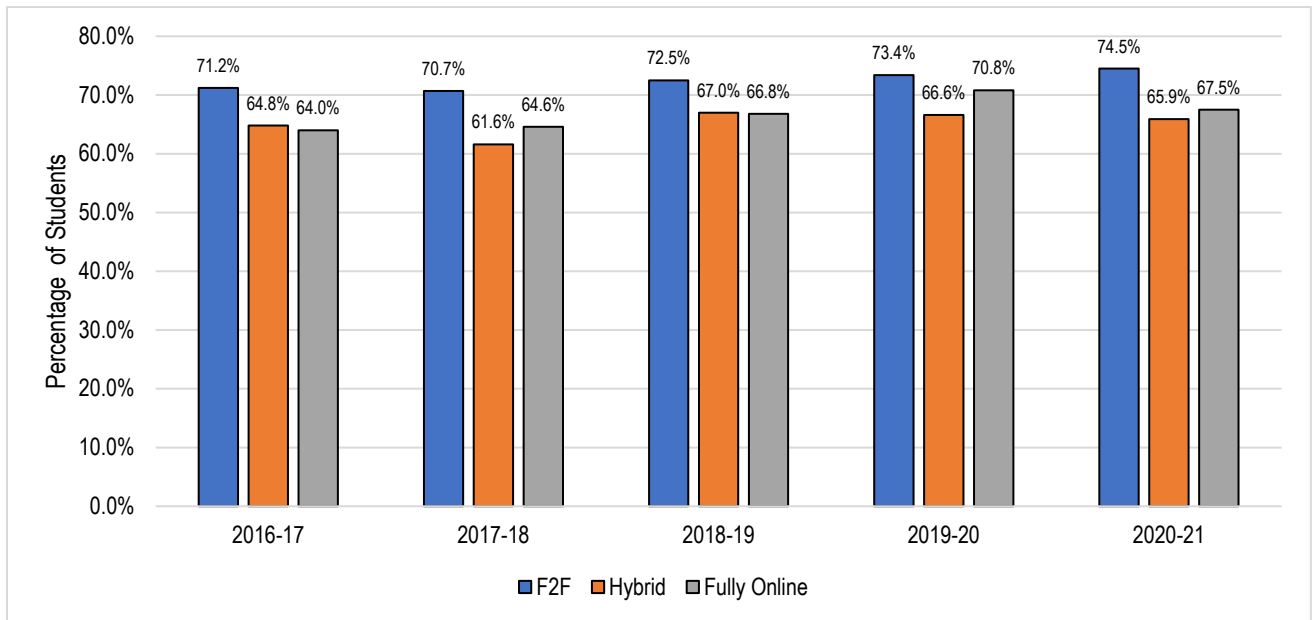


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
17 or younger	458	3	304	113	238	1,075	571	241	1,379
18-19	1,824	179	1,622	213	1,534	3,473	2,037	1,713	5,095
20-24	2,207	271	2,023	444	1,837	4,766	2,651	2,108	6,789
25-29	996	138	900	350	999	2,968	1,346	1,137	3,868
30-34	507	67	457	224	549	1,803	731	616	2,260
35-39	307	39	280	144	330	1,107	451	369	1,387
40-49	288	27	252	128	310	1,085	416	337	1,337
50 or older	131	12	110	65	162	541	196	174	651
Total	6,718	736	5,948	1,681	5,959	16,818	8,399	6,695	22,766
Mean	24.28	24.92	24.43	27.83	25.34	26.35	24.99	25.29	25.85
Median	21.00	22.00	21.50	26.00	22.00	23.00	22.00	22.00	23.00

Source: CCCCO MIS Referential Data Files

Compared to their representation in face-to-face courses, students under 17 years of age were underrepresented in Hybrid courses.

Course Success Rate By Course Delivery Methods: 2016-17 Through 2020-21



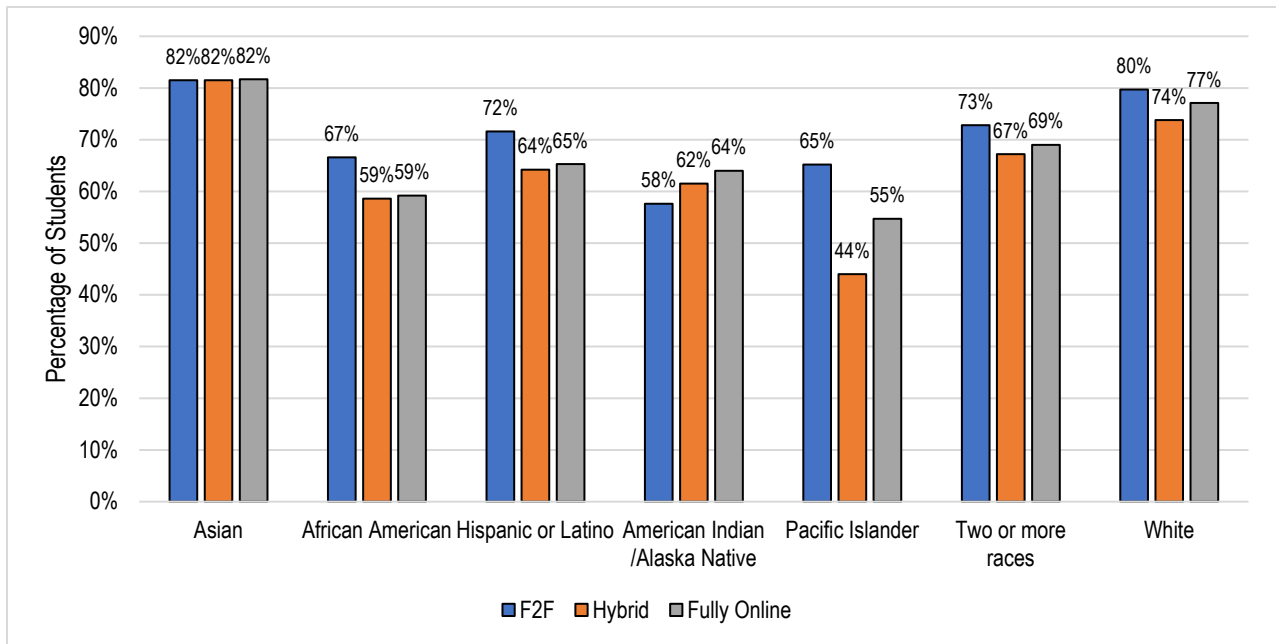
	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
2016-17	73.2%	70.5%	70.1%	70.1%	64.2%	61.8%	71.2%	64.8%	64.0%
2017-18	72.6%	71.7%	71.6%	69.7%	60.8%	61.9%	70.7%	61.6%	64.6%
2018-19	73.8%	74.5%	74.1%	71.8%	66.0%	63.4%	72.5%	67.0%	66.8%
2019-20	77.3%	72.8%	77.2%	71.5%	65.5%	67.6%	73.4%	66.6%	70.8%
2020-21	73.2%	76.3%	75.3%	86.5%	64.8%	65.4%	74.5%	65.9%	67.5%
5 Year Change	0.0%	+5.8%	+5.2%	+16.4%	+0.6%	+3.6%	+3.3%	+1.1%	+3.5%
5 Year Average	74.0%	73.5%	74.4%	70.9%	64.2%	64.6%	72.1%	65.2%	67.2%

Source: CCCC MIS Referential Data Files.

Success Rate = (A, B, C, P, IA, IB, IC, and IPP Grades / A, B, C, D, F, P, NP, I*, IPP, INP, FW, and W Grades) * 100

On average, between 2016-17 and 2020-21, the success rate of face-to-face courses was higher than the success rates of the hybrid and fully online courses (72.1% vs 65.2% vs 67.2%). Over the period, the success rate of the fully online courses increased by 3.5% from 64.0% in 2016-17 to 67.5% in 2020-21. However, the success rate of fully online courses in 2020-21 is still 4.9% lower than face-to-face courses.

Course Success Rate By Course Delivery Methods and Ethnic Group: 2020-21

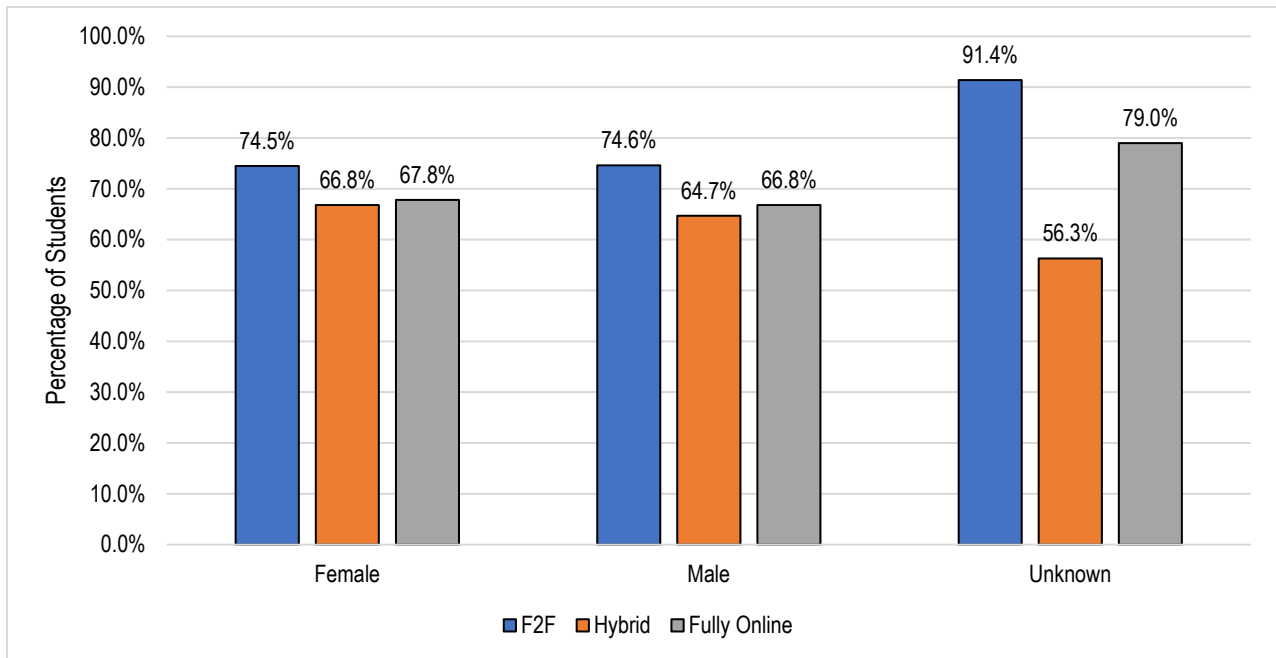


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	80.9%	82.5%	82.5%	89.2%	81.3%	81.4%	81.5%	81.5%	81.7%
African American	62.4%	64.3%	64.7%	85.6%	58.3%	58.7%	66.6%	58.6%	59.2%
Hispanic or Latino	69.9%	72.2%	71.8%	84.5%	63.5%	64.0%	71.6%	64.2%	65.3%
American Indian /Alaska Native	57.6%		60.5%		61.5%	65.0%	57.6%	61.5%	64.0%
Pacific Islander	64.4%	66.7%	45.5%	100.0%	40.9%	56.0%	65.2%	44.0%	54.7%
Two or more races	71.2%	83.0%	77.5%	94.9%	64.1%	65.5%	72.8%	67.2%	69.0%
White	78.9%	81.6%	80.4%	89.6%	71.0%	74.2%	79.7%	73.8%	77.1%
Unknown	70.7%	77.8%	74.2%	100.0%	76.9%	71.2%	72.9%	77.0%	72.0%
Total	73.2%	76.3%	75.3%	86.5%	64.8%	65.4%	74.5%	65.9%	67.5%

Source: CCCC MIS Referential Data Files

In 2020-21, African American, Hispanic, White, and Multi-race students had statistically significant higher success rates in face-to-face courses than in fully online courses. Hispanic and White students also had a statistically significant higher success rate in face-to-face courses than in hybrid courses.

Course Success Rate By Course Delivery Methods and Gender: 2020-21

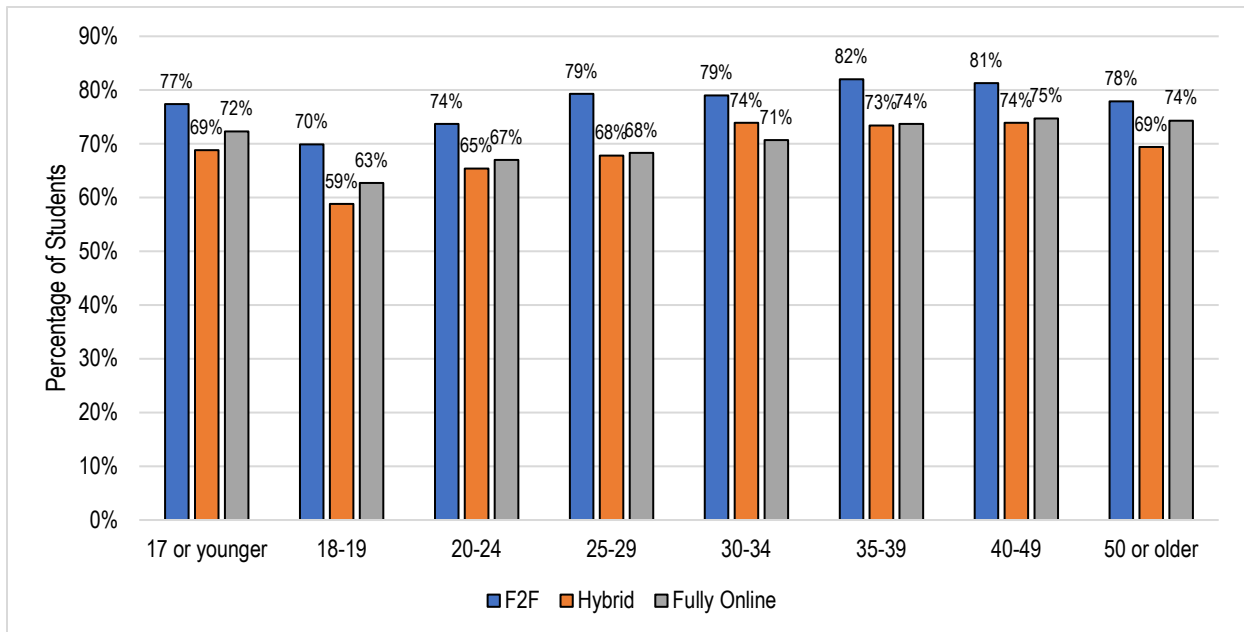


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Female	73.4%	73.7%	74.8%	87.9%	66.1%	66.2%	74.5%	66.8%	67.8%
Male	72.9%	79.0%	76.0%	85.6%	62.8%	63.8%	74.6%	64.7%	66.8%
Unknown	91.2%		79.4%	100.0%	56.3%	78.8%	91.4%	56.3%	79.0%
Total	73.2%	76.3%	75.3%	86.5%	64.8%	65.4%	74.5%	65.9%	67.5%

Source: CCCC MIS Referential Data Files

In 2020-21, female and male students had statistically significant higher success rates in face-to-face courses than in fully online and hybrid courses.

Course Success Rate By Course Delivery Methods and Age Group: 2020-21

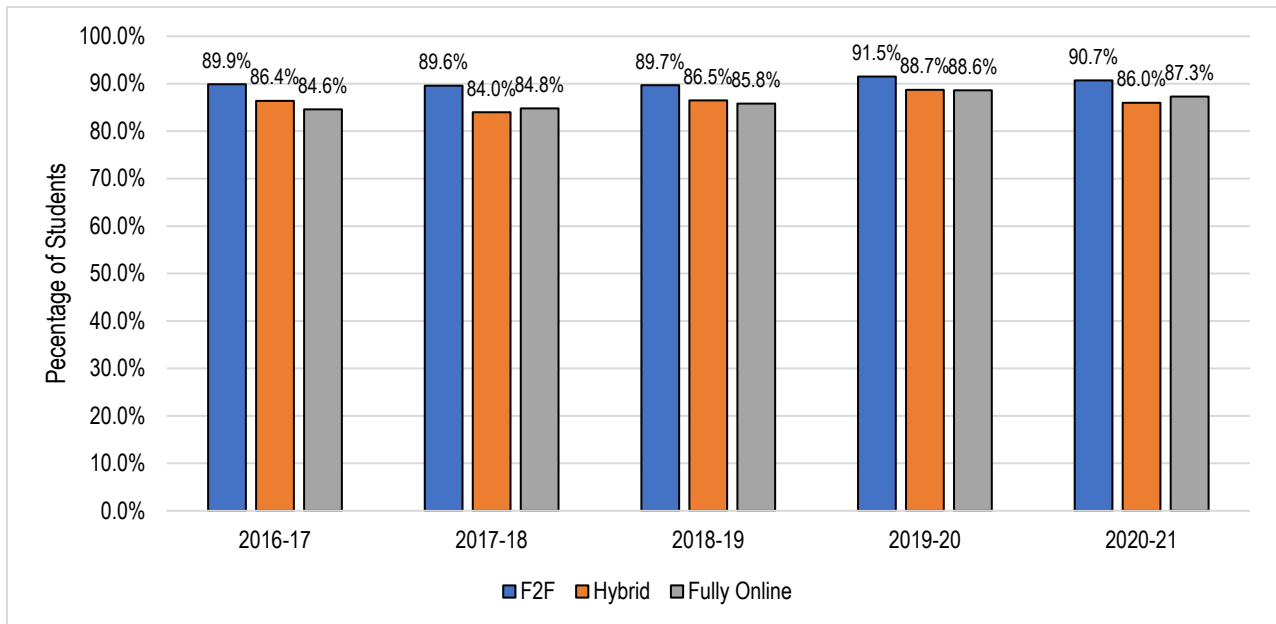


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
17 or younger	79.0%	100.0%	82.9%	60.9%	68.5%	70.1%	77.4%	68.8%	72.3%
18-19	70.0%	75.9%	72.9%	58.5%	56.7%	59.2%	69.9%	58.8%	62.7%
20-24	72.1%	76.0%	75.8%	86.5%	64.0%	64.2%	73.7%	65.4%	67.0%
25-29	76.1%	74.4%	75.6%	93.8%	67.0%	66.6%	79.3%	67.8%	68.3%
30-34	77.8%	73.4%	76.6%	83.7%	73.9%	69.6%	79.0%	73.9%	70.7%
35-39	80.2%	78.3%	77.7%	91.5%	72.9%	73.0%	82.0%	73.4%	73.7%
40-49	79.9%	93.3%	81.0%	89.8%	72.5%	73.7%	81.3%	73.9%	74.7%
50 or older	77.9%	80.0%	75.3%	78.0%	68.7%	74.2%	77.9%	69.4%	74.3%
Total	73.2%	76.3%	75.3%	86.5%	64.8%	65.4%	74.5%	65.9%	67.5%

Source: CCCC MIS Referential Data Files

In 2020-21, students under 19 years of age had higher success rates in face-to-face courses than in fully online courses (70.9% vs 63.8%). Students 20-49 years of age significant higher success rates in face-to-face courses than in Hybrid and fully online courses (76.6% vs 68.8% vs 68.9%).

Course Retention Rate By Course Delivery Methods: 2016-17 Through 2020-21



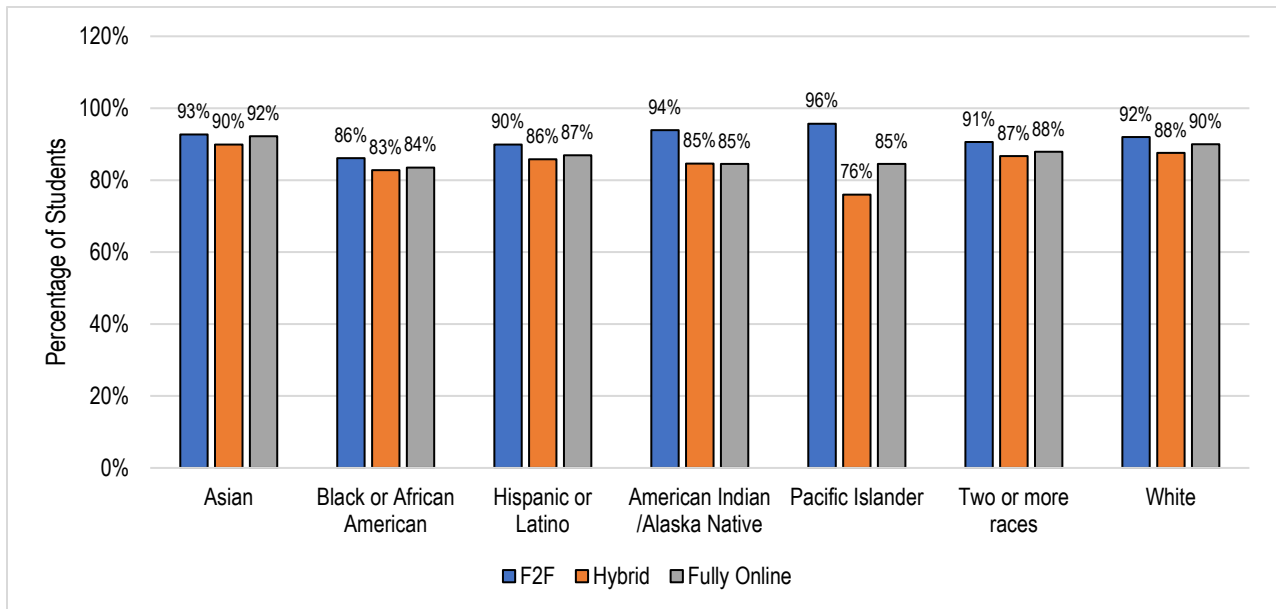
	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
2016-17	91.3%	89.2%	88.3%	89.2%	86.1%	83.3%	89.9%	86.4%	84.6%
2017-18	90.7%	87.3%	88.6%	89.0%	83.7%	83.3%	89.6%	84.0%	84.8%
2018-19	91.1%	91.9%	89.0%	89.1%	85.7%	84.3%	89.7%	86.5%	85.8%
2019-20	93.3%	90.4%	91.8%	90.6%	88.4%	87.0%	91.5%	88.7%	88.6%
2020-21	90.6%	89.6%	90.9%	91.4%	85.6%	86.4%	90.7%	86.0%	87.3%
5 Year Change	-0.7%	+0.4%	+2.6%	+2.2%	-0.5%	+3.1%	+0.8%	-0.4%	+2.7%
5 Year Average	91.4%	89.9%	90.2%	89.5%	85.8%	85.5%	90.2%	86.2%	86.7%

Source: CCCC MIS Referential Data Files.

Retention Rate = (A, B, C, D, F, I*, IPP, P, NP, and FW Grades / A, B, C, D, F, FW, I*, IPP, P, NP, FW, and W Grades) * 100

On average, between 2016-17 and 2020-21, the retention rate of face-to-face courses was higher than the retention rates of hybrid and fully online courses (90.2% vs 86.2% vs 86.7%). Over the period, the retention rate of fully online courses increased by 2.7% from 84.6% to 87.3%. However, the retention rate of fully online courses in 2020-21 is still 3.5% lower than face-to-face courses.

Course Retention Rate By Course Delivery Methods and Ethnic Group: 2020-21

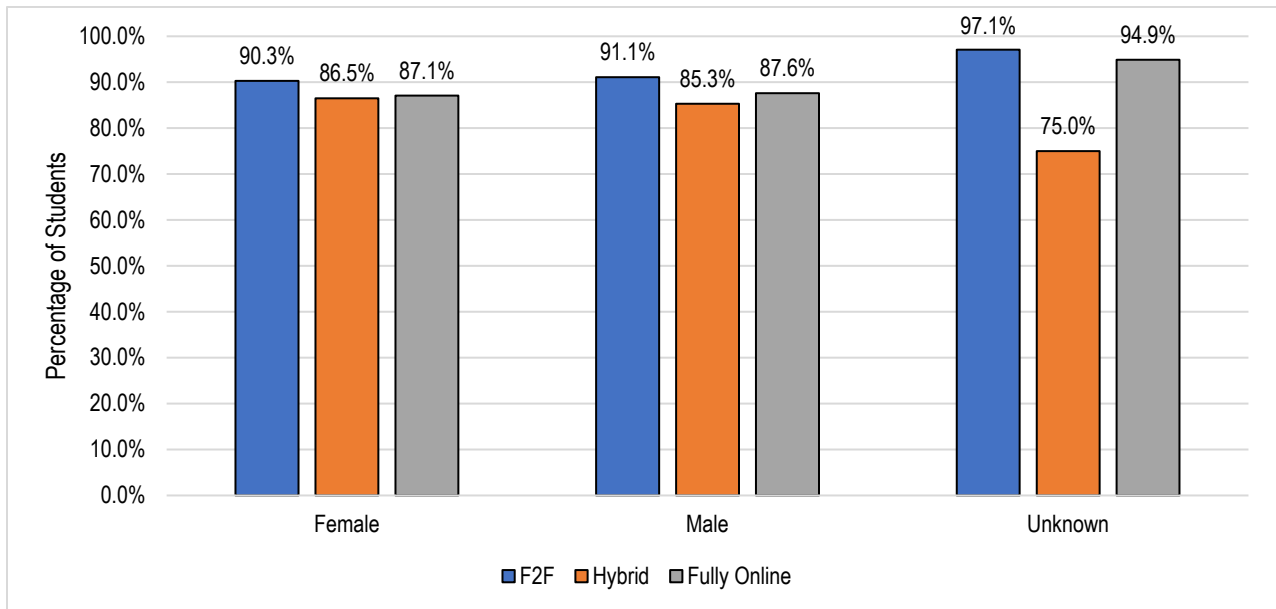


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	92.9%	88.9%	93.6%	91.0%	90.1%	91.6%	92.7%	89.9%	92.2%
African American	85.3%	88.1%	87.1%	89.7%	82.5%	83.2%	86.1%	82.8%	83.5%
Hispanic or Latino	89.8%	88.5%	90.1%	91.2%	85.6%	86.3%	89.9%	85.8%	86.9%
American Indian /Alaska Native	93.9%		84.2%		84.6%	84.6%	93.9%	84.6%	84.5%
Pacific Islander	95.6%	66.7%	81.8%	100.0%	77.3%	84.9%	95.7%	76.0%	84.5%
Two or more races	90.1%	92.5%	91.4%	97.5%	85.6%	86.4%	90.6%	86.7%	87.9%
White	92.1%	91.6%	92.0%	91.2%	86.1%	88.1%	92.0%	87.6%	90.0%
Unknown	90.9%	77.8%	92.6%	100.0%	93.6%	86.9%	91.6%	92.0%	88.5%
Average	90.6%	89.6%	90.9%	91.4%	85.6%	86.4%	90.7%	86.0%	87.3%

Source: CCCC MIS Referential Data Files

In 2020-21, Hispanic, Multi-race, and White students had statistically significant higher retention rates in face-to-face courses than in fully online and hybrid courses. African American students had statistically significant higher retention rates in face-to-face courses than in fully online courses.

Course Retention Rate By Course Delivery Methods and Gender: 2020-21

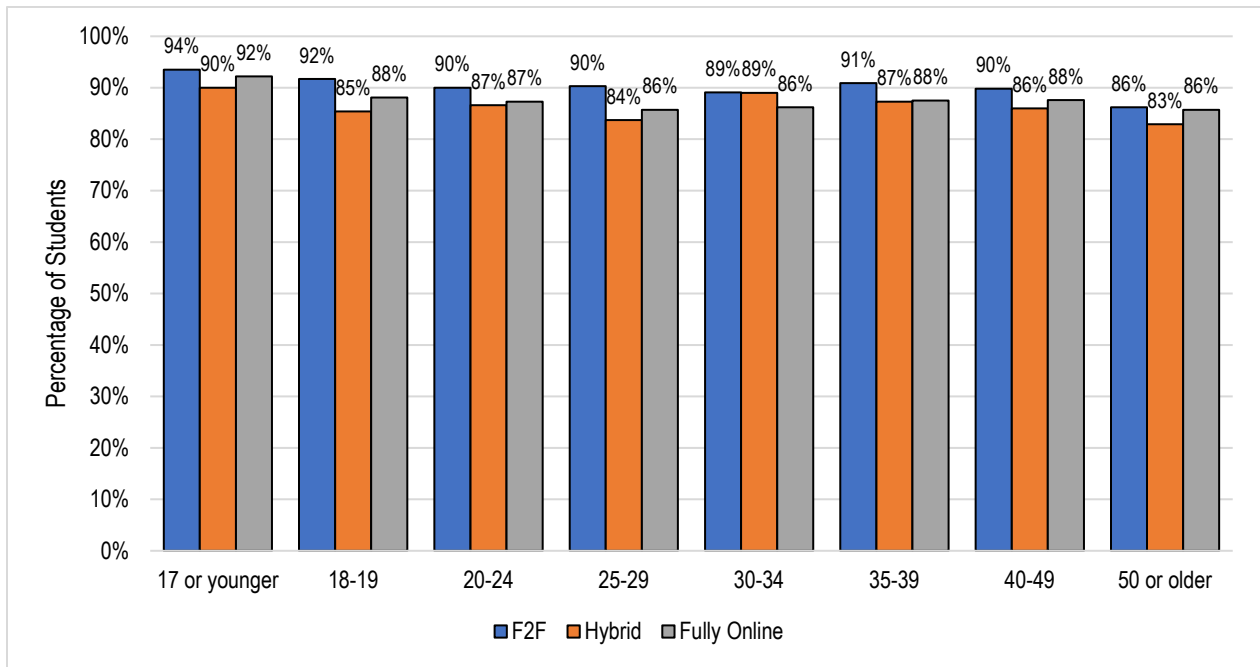


	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Female	89.9%	89.9%	90.3%	95.3%	86.2%	86.4%	90.3%	86.5%	87.1%
Male	91.5%	89.3%	91.7%	88.8%	84.8%	86.3%	91.1%	85.3%	87.6%
Unknown	97.1%		94.1%	100.0%	75.0%	95.2%	97.1%	75.0%	94.9%
Total	90.6%	89.6%	90.9%	91.4%	85.6%	86.4%	90.7%	86.0%	87.3%

Source: CCCC MIS Referential Data Files

In 2020-21, female and male students had statistically significant higher retention rates in face-to-face courses than in hybrid and fully online courses.

Course Retention Rate By Course Delivery Methods and Age Group: 2020-21



	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
17 or younger	93.5%	100.0%	95.1%	93.1%	89.9%	91.6%	93.5%	90.0%	92.2%
18-19	91.8%	88.0%	92.2%	88.7%	85.1%	86.7%	91.7%	85.4%	88.1%
20-24	90.0%	91.1%	90.7%	90.1%	86.0%	86.3%	90.0%	86.6%	87.3%
25-29	89.4%	88.4%	89.1%	94.5%	83.1%	84.8%	90.3%	83.7%	85.7%
30-34	89.3%	89.9%	89.2%	88.1%	88.9%	85.7%	89.1%	89.0%	86.2%
35-39	90.3%	87.0%	90.3%	93.8%	87.3%	87.0%	90.9%	87.3%	87.5%
40-49	89.3%	96.7%	90.4%	92.9%	85.2%	87.1%	89.8%	86.0%	87.6%
50 or older	86.1%	86.7%	86.4%	86.4%	82.7%	85.6%	86.2%	82.9%	85.7%
Total	90.6%	89.6%	90.9%	91.4%	85.6%	86.4%	90.7%	86.0%	87.3%

Source: CCCC MIS Referential Data Files

In 2020-21, the 18-19 and 20-39 age groups had statistically significant higher retention rates in face-to-face courses than in fully online courses. The 18-19 and 25-29 age groups had statistically significant higher retention rates in face-to-face course than in hybrid courses.