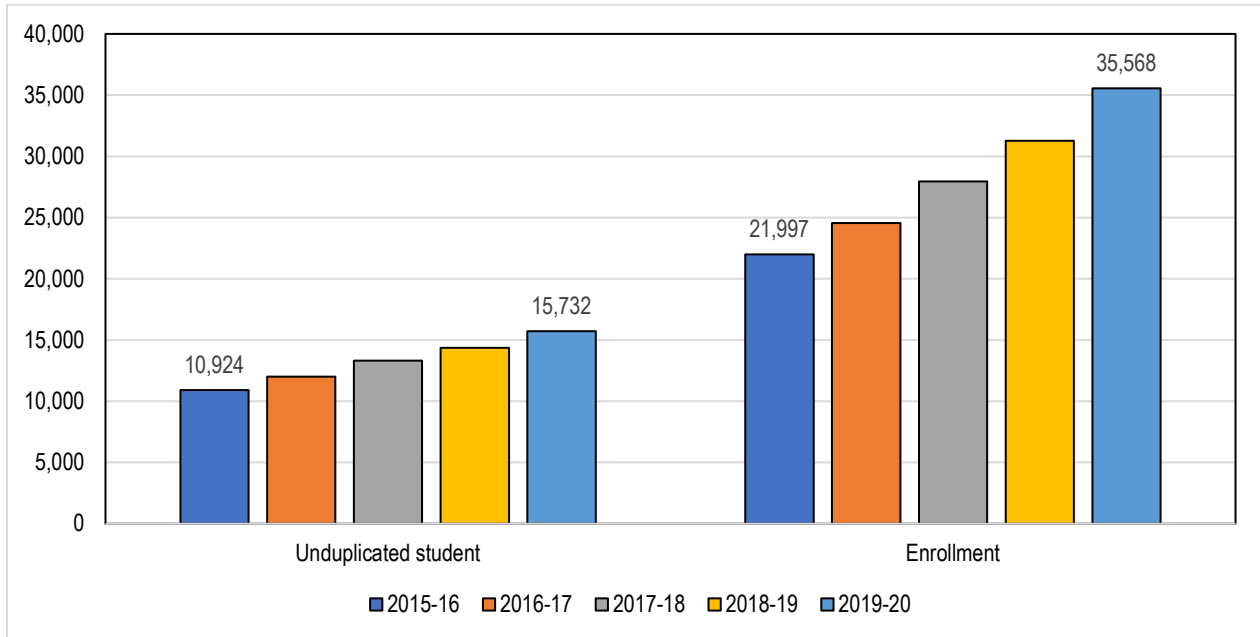# 2021 Fact Book
Distance Learning

Prepared by the SBCCD Office of Research,

Planning and Institutional Effectiveness

Table of Contents

Unduplicated Number of Students and Enrollments in Distance Education Courses: 2015-16 Through 2019-20

		2015-16	2016-17	2017-18	2018-19	2019-20	5 Year Change	5 Year Average
Crafton Hills College	Unduplicated Student	2,639	3,020	3,418	4,147	4,760	+80.4%	3,597
	Enrollment	4,658	5,446	6,476	8,663	10,683	+129.3%	7,185
San Bernardino Valley College	Unduplicated Student	8,285	9,001	9,898	10,224	10,972	+32.4%	9,676
	Enrollment	17,339	19,115	21,472	22,599	24,885	+43.5%	21,082
SBCCD	Unduplicated Student	10,924	12,021	13,316	14,371	15,732	+44.0%	13,273
	Enrollment	21,997	24,561	27,948	31,262	35,568	+61.7%	28,267

Source: CCCCO MIS Referential Data Files.

Between 2015-16 and 2019-20, the number of unduplicated students served via distance learning has increased (+4,808 students10,924 in 2015-16, 15,732 in 2019-20, a 44.0% increase). The number of enrollments via distance learning has increased (+13,571 students, 21,997 in 2015-16, 35,568 in 2019-20, a 61.7% increase).

Distance Education Enrollments: 2015-16 Through 2019-20

	Hybrid	Fully Online	Remote
2015-16	27.4%	72.3%	0.3%
2016-17	26.9%	73.0%	0.1%
2017-18	23.7%	76.2%	0.1%
2018-19	20.7%	79.2%	0.1%
2019-20	16.4%	83.6%	0.0%
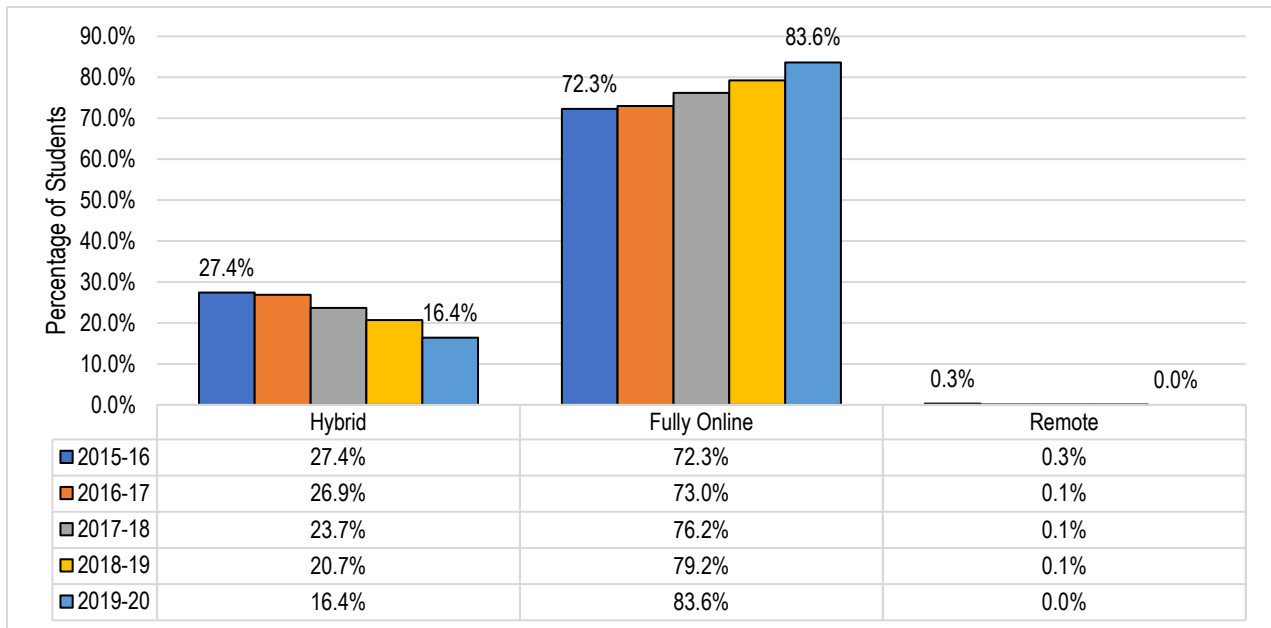
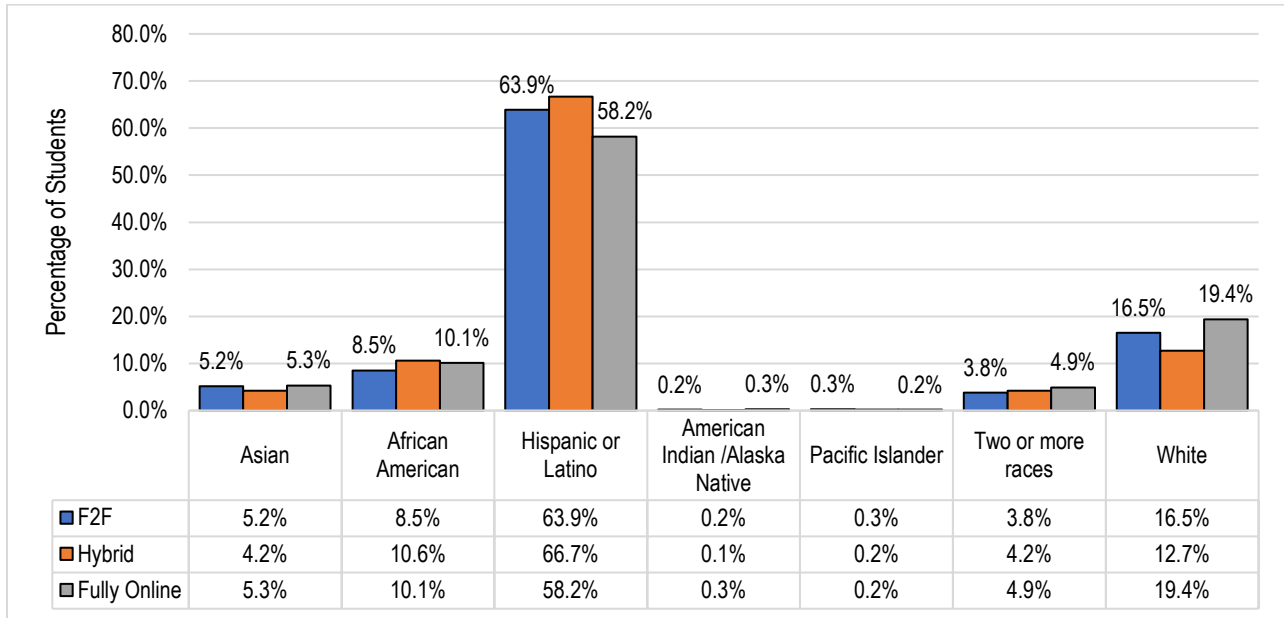|	Crafton Hills College			San Bernardino Valley College				SBCCD			
	Hybrid	Fully Online	Total	Hybrid	Fully Online	Remote (Big Bear)	Total	Hybrid	Fully Online	Remote	Total
2015-16	645	4,013	4,658	5,387	11,895	57	17,339	6,032	15,908	57	21,997
2016-17	620	4,826	5,446	5,995	13,102	18	19,115	6,615	17,928	18	24,561
2017-18	498	5,978	6,476	6,127	15,315	30	21,472	6,625	21,293	30	27,948
2018-19	770	7,893	8,663	5,699	16,873	27	22,599	6,469	24,766	27	31,262
2019-20	838	9,801	10,639	4,991	19,894	0	24,885	5829	29,695	0	35,524
Grand Total	3,371	32,511	35,882	28,199	77,079	132	105,410	31,570	109,590	132	141,292
5 Year Change	+29.9%	+144.2%	+128.4%	-7.4%	+67.2%	-100.0%	+43.5%	-3.4%	+86.7%	-100.0%	+61.5%
5 Year Average	674	6,502	7,176	5,640	15,416	26	21,082	6,314	21,918	26	28,258

Source: CCCCO MIS Referential Data Files

Between 2015-16 and 2019-20, the percentage of students who enrolled in fully online courses increased by 11.3% from 72.3% to 83.6%.

Over the period, the number of students who enrolled in fully online courses increased by 86.7%, while the number of students who enrolled in hybrid courses declined by 3.4%.

Demographic Comparison of Students who Enrolled in Face-to-Face, Hybrid, and Fully Online Courses By Ethnic Group: 2019-20
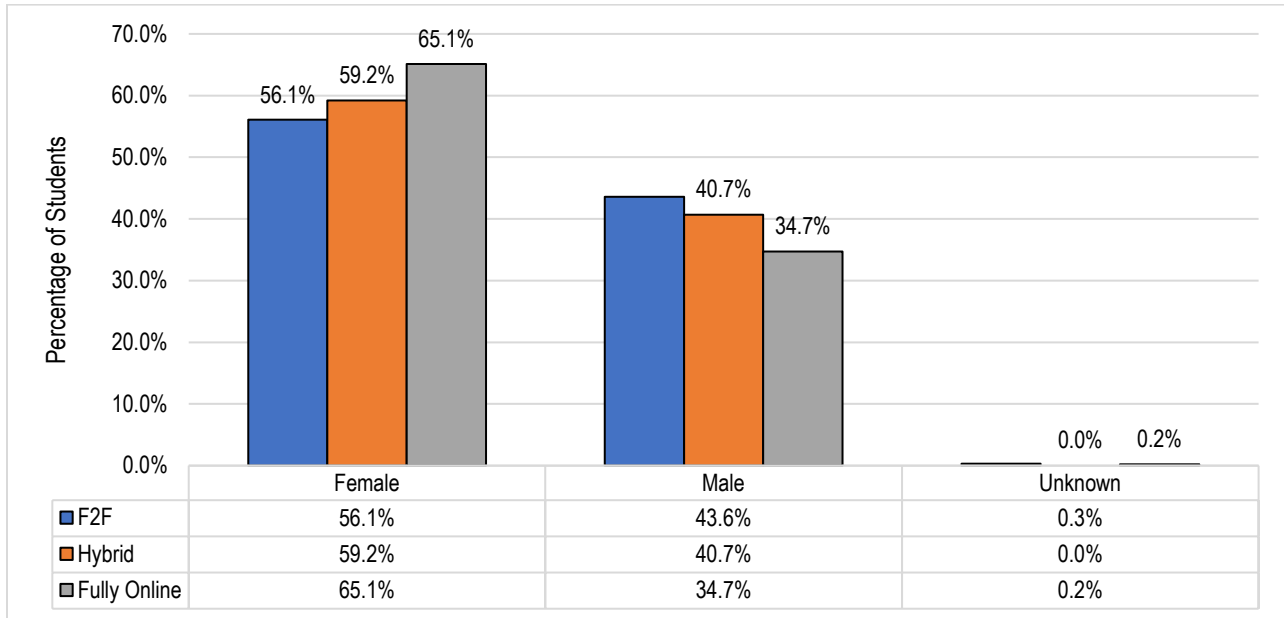

	F2F	Hybrid	Fully Online
Asian	5.2%	4.2%	5.3%
African American	8.5%	10.6%	10.1%
Hispanic or Latino	63.9%	66.7%	58.2%
American Indian /Alaska Native	0.2%	0.1%	0.3%
Pacific Islander	0.3%	0.2%	0.2%
Two or more races	3.8%	4.2%	4.9%
White	16.5%	12.7%	19.4%

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	556	46	266	760	142	444	1,316	188	710
African American	294	24	191	1,844	450	1,159	2,138	474	1,350
Hispanic or Latino	4,002	355	2,180	12,046	2,616	5,625	16,048	2,971	7,805
American Indian /Alaska Native	19	1	18	24	4	18	43	5	36
Pacific Islander	20		8	44	7	24	64	7	32
Two or more races	401	48	263	558	137	396	959	185	659
White	2,493	252	1,449	1,644	314	1,156	4,137	566	2,605
Unknown	152	12	91	241	46	118	393	58	209
Total	**7,937**	**738**	**4,466**	**17,161**	**3,716**	**8,940**	**25,098**	**4,454**	**13,406**

Source: CCCCO MIS Referential Data Files

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

Demographic Comparison of Students who Enrolled in Face-to-Face, Hybrid, and Fully Online Courses By Gender: 2019-20
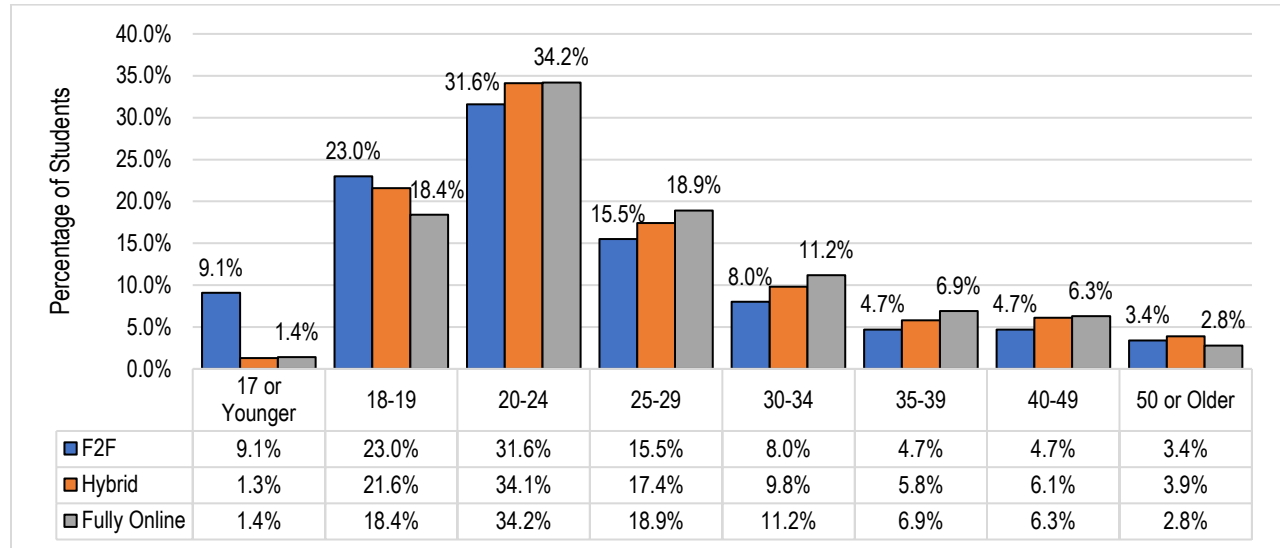

	F2F	Hybrid	Fully Online
Female	56.1%	59.2%	65.1%
Male	43.6%	40.7%	34.7%
Unknown	0.3%	0.0%	0.2%

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Female	4,219	384	2,710	9,862	2,254	6,016	14,081	2,638	8,726
Male	3,689	353	1,745	7,259	1,461	2,909	10,948	1,814	4,654
Unknown	29	1	11	40	1	15	69	2	26
Total	**7,937**	**738**	**4,466**	**17,161**	**3,716**	**8,940**	**25,098**	**4,454**	**13,406**

Sources: CCCCO MIS Referential Data Files

Significant differences were observed in the gender ratio of instructional methods. In fully online courses, 65.1% of the unduplicated population were female while 34.1% 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: 2019-20


	17 or Younger	18-19	20-24	25-29	30-34	35-39	40-49	50 or Older
F2F	9.1%	23.0%	31.6%	15.5%	8.0%	4.7%	4.7%	3.4%
Hybrid	1.3%	21.6%	34.1%	17.4%	9.8%	5.8%	6.1%	3.9%
Fully Online	1.4%	18.4%	34.2%	18.9%	11.2%	6.9%	6.3%	2.8%

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
17 or younger	601	14	96	1,687	43	89	2,288	57	185
18-19	2,025	190	1,029	3,756	770	1,439	5,781	960	2,468
20-24	2,712	292	1,614	5,222	1,226	2,972	7,934	1,518	4,586
25-29	1,158	118	742	2,722	657	1,795	3,880	775	2,537
30-34	542	52	423	1,465	386	1,075	2,007	438	1,498
35-39	341	32	254	850	228	665	1,191	260	919
40-49	314	28	224	856	243	617	1,170	271	841
50 or older	244	12	84	602	163	288	846	175	372
Total	**7,937**	**738**	**4,466**	**17,160**	**3,716**	**8,940**	**25,097**	**4,454**	**13,406**
Mean	**24.65**	**24.36**	**25.26**	**25.31**	**26.84**	**27.23**	**25.10**	**26.43**	**26.58**
Median	**21.50**	**21.00**	**22.10**	**22.00**	**23.50**	**24.54**	**22.00**	**23.00**	**24.00**

Source: CCCCO MIS Referential Data Files

Compared to their representation in face-to-face courses, students under 19 years of age were underrepresented in fully online courses. Conversely, students 20-49 years of age were more prominent in fully online courses than in face-to-face courses.

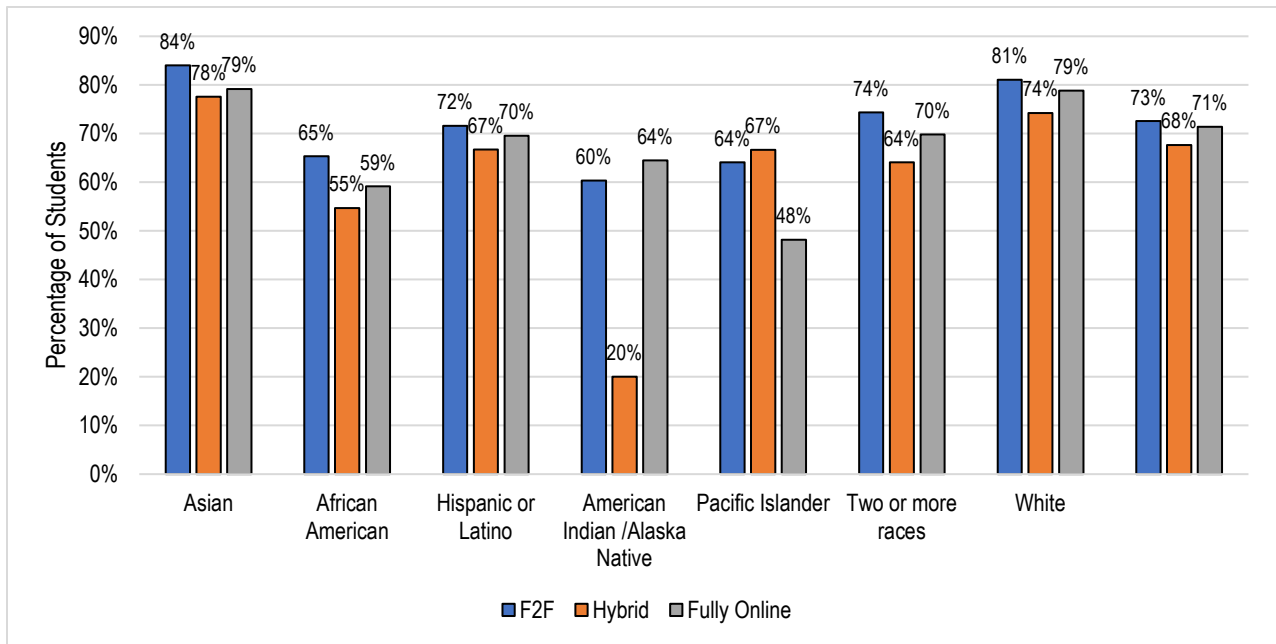**Course Success Rate By Course Delivery Methods: 2015-16 Through 2019-20**
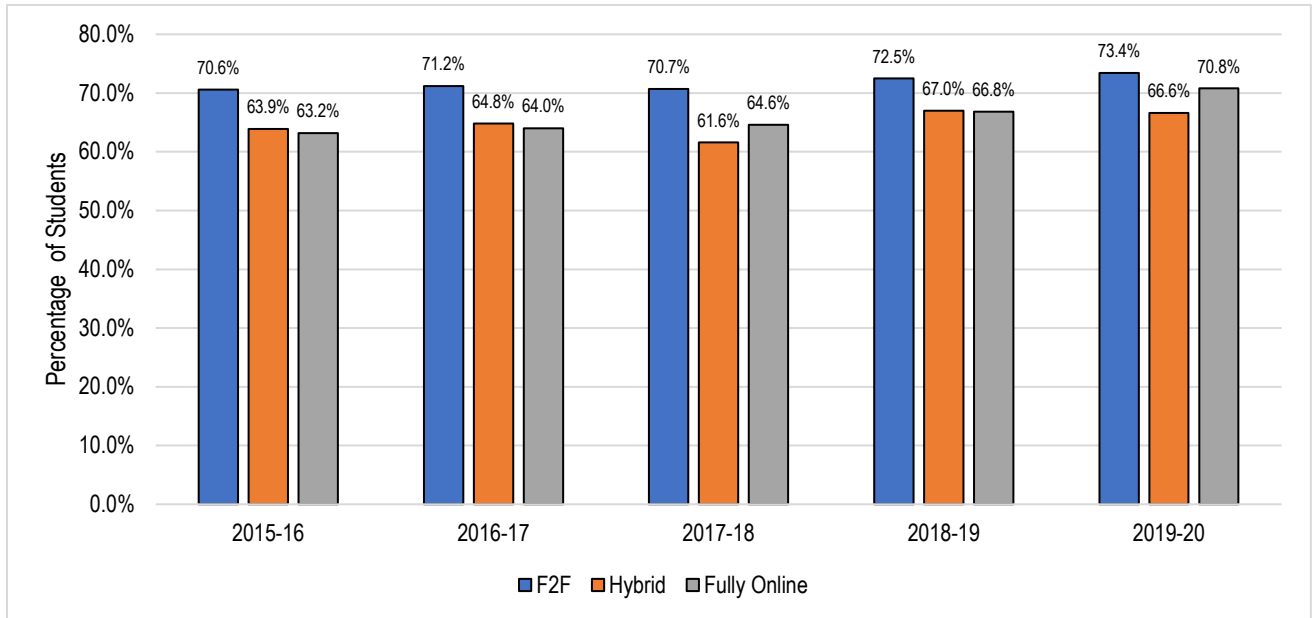
	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
2015-16	73.6%	66.5%	70.7%	69.0%	63.6%	60.7%	70.6%	63.9%	63.2%
2016-17	73.2%	70.5%	70.1%	70.1%	64.2%	61.8%	71.2%	64.8%	64.0%
2017-18	72.6%	71.7%	71.6%	69.7%	60.8%	61.9%	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%
5 Year Change	**+3.7%**	**+6.3%**	**+6.5%**	**+2.5%**	**+1.9%**	**+6.9%**	**+2.8%**	**+2.7%**	**+7.6%**
5 Year Average	**73.4%**	**70.6%**	**71.6%**	**70.4%**	**63.9%**	**63.4%**	**71.6%**	**64.7%**	**66.4%**

Source: CCCCO 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 2015-16 and 2019-20, the success rate of face-to-face courses was higher than the success rates of the hybrid and fully online courses (71.6% vs 64.7% vs 66.4%). Over the period, the success rate of the fully online courses increased by 7.6% from 63.2% in 2015-16 to 70.8% in 2019-20. However, the success rate of fully online courses in 2019-20 is still 2.6% lower than face-to-face courses.

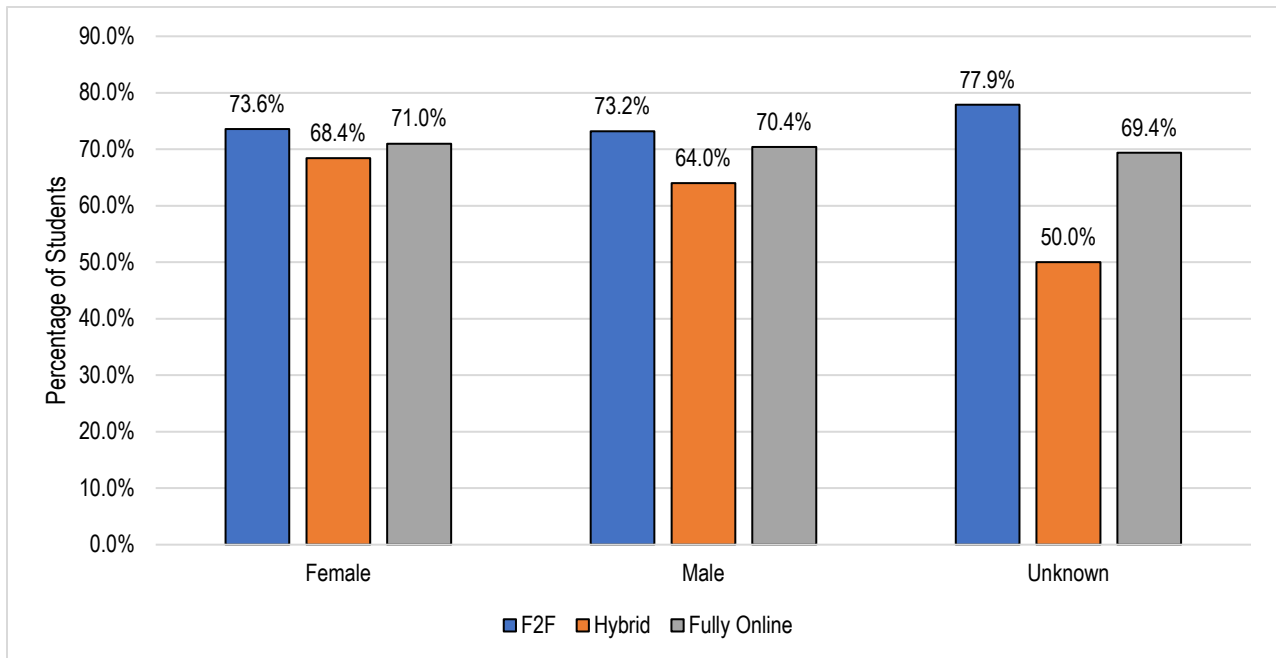**Course Success Rate By Course Delivery Methods and Ethnic Group: 2019-20**

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	83.4%	78.3%	81.4%	84.5%	77.4%	77.7%	84.0%	77.6%	79.2%
African American	70.7%	67.7%	71.0%	64.4%	54.0%	57.5%	65.3%	54.7%	59.2%
Hispanic or Latino	74.4%	69.7%	74.1%	70.6%	66.4%	67.8%	71.6%	66.7%	69.6%
American Indian /Alaska Native	56.2%	100.0%	65.6%	66.0%	11.1%	63.6%	60.3%	20.0%	64.5%
Pacific Islander	62.8%	0.0%	64.7%	64.6%	66.7%	43.8%	64.1%	66.7%	48.1%
Two or more races	78.8%	72.5%	77.7%	70.2%	61.7%	65.0%	74.3%	64.1%	69.8%
White	81.4%	76.1%	81.3%	80.5%	72.9%	75.6%	81.1%	74.2%	78.8%
Unknown	76.9%	85.7%	80.6%	69.6%	63.0%	63.8%	72.6%	67.6%	71.4%
Total	**77.3%**	**72.8%**	**77.2%**	**71.5%**	**65.5%**	**67.6%**	**73.4%**	**66.6%**	**70.8%**

Source: CCCCO MIS Referential Data Files

In 2019-20, Asian, African American, Hispanic, White, and Multi-race students had statistically significant higher success rates in face-to-face courses than in fully online and hybrid courses. Hispanic and White students also had a statistically significant higher success rate in fully online courses than in hybrid courses.

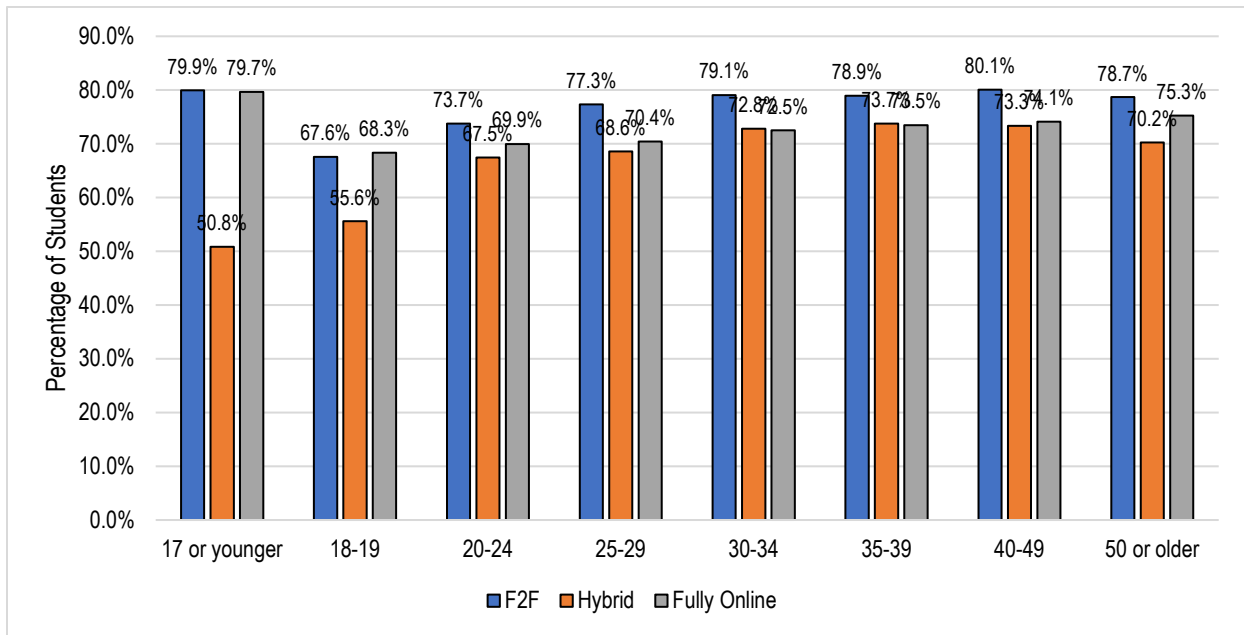**Course Success Rate By Course Delivery Methods and Gender: 2019-20**

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	**Hybrid**	**Fully Online**	**F2F**	**Hybrid**	**Fully Online**	**F2F**	**Hybrid**	**Fully Online**
Female	77.7%	73.3%	76.4%	71.6%	67.6%	68.6%	73.6%	68.4%	71.0%
Male	76.8%	72.3%	78.3%	71.3%	62.3%	65.3%	73.2%	64.0%	70.4%
Unknown	88.1%	76.4%	73.3%	70.4%	50.0%	66.7%	77.9%	50.0%	69.4%
Total	**77.3%**	**72.8%**	**77.2%**	**71.5%**	**65.5%**	**67.6%**	**73.4%**	**66.6%**	**70.8%**

Source: CCCCO MIS Referential Data Files

In 2019-20, female and male students had statistically significant higher success rates in face-to-face courses than in fully online and hybrid courses.

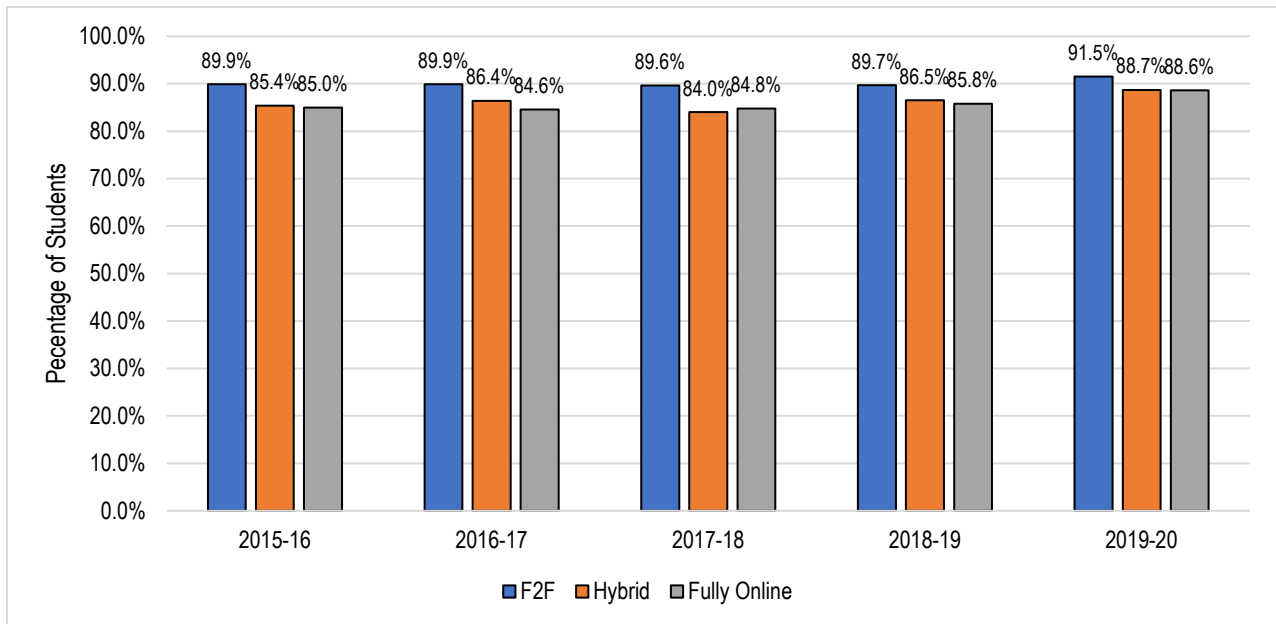**Course Success Rate By Course Delivery Methods and Age Group: 2019-20**

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
17 or younger	81.9%	78.6%	81.4%	79.1%	42.6%	77.4%	79.9%	50.8%	79.7%
18-19	73.1%	81.4%	75.5%	64.4%	53.3%	62.6%	67.6%	55.6%	68.3%
20-24	77.1%	70.6%	76.3%	71.8%	66.8%	66.4%	73.7%	67.5%	69.9%
25-29	81.9%	80.9%	76.9%	75.1%	66.6%	67.8%	77.3%	68.6%	70.4%
30-34	81.4%	80.3%	80.2%	78.2%	71.9%	69.6%	79.1%	72.8%	72.5%
35-39	83.2%	75.8%	80.4%	77.3%	73.5%	70.9%	78.9%	73.7%	73.5%
40-49	84.3%	82.9%	80.4%	78.7%	72.0%	72.0%	80.1%	73.3%	74.1%
50 or older	84.2%	64.7%	79.5%	77.0%	70.7%	74.1%	78.7%	70.2%	75.3%
Total	**77.3%**	**72.8%**	**77.2%**	**71.5%**	**65.5%**	**67.6%**	**73.4%**	**66.6%**	**70.8%**

Source: CCCCO MIS Referential Data Files

In 2019-20, students 20-49 years of age had statistically significant higher success rates in face-to-face courses than in hybrid and fully online courses. However, students under 19 years of age had similar success rates in face-to-face courses and in fully online courses courses (69.2% vs 69.0%).

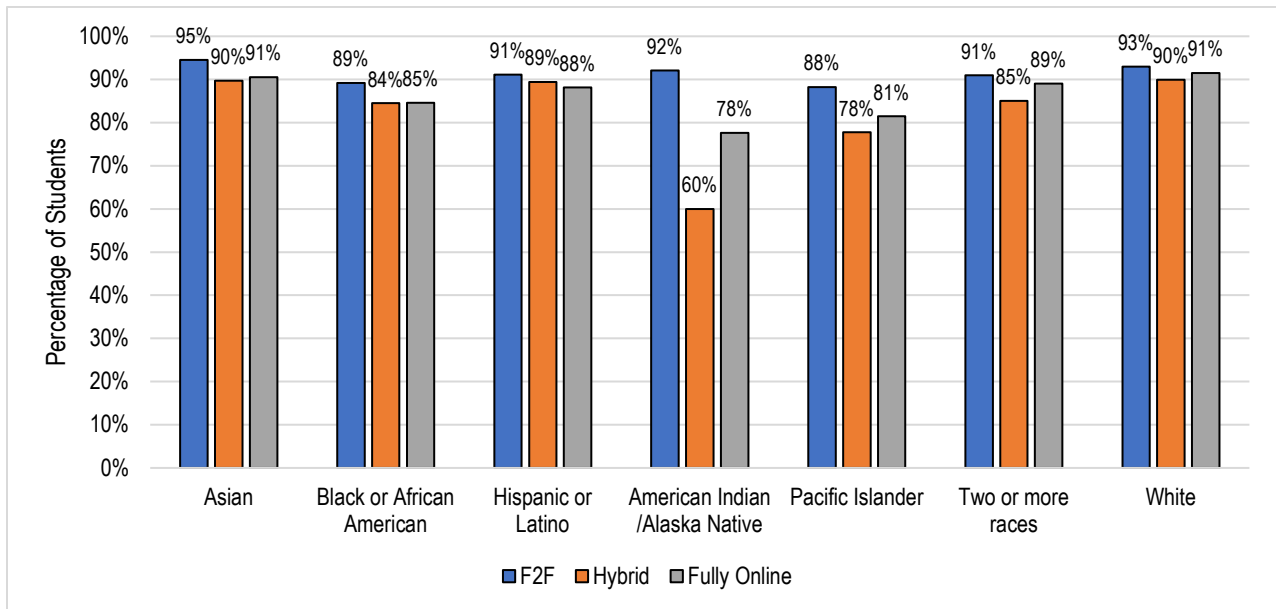## Course Retention Rate By Course Delivery Methods: 2015-16 Through 2019-20

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
2015-16	91.1%	87.0%	89.6%	89.2%	85.2%	83.4%	89.9%	85.4%	85.0%
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%
5 Year Change	**+2.2%**	**+3.4%**	**+2.2%**	**+1.4%**	**+3.2%**	**+3.6%**	**+1.6%**	**+3.3%**	**+3.6%**
5 Year Average	**91.5%**	**89.4%**	**89.7%**	**89.4%**	**85.7%**	**84.5%**	**90.1%**	**86.1%**	**86.0%**

Source: CCCCO 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 2015-16 and 2019-20, the retention rate of face-to-face courses was higher than the retention rates of hybrid and fully online courses (90.1% vs 86.1% vs 86.0%). Over the period, the retention rate of fully online courses increased by 3.6% from 85.0% to 88.6%. However, the retention rate of fully online courses in 2019-20 is still 2.9% lower than face-to-face courses.

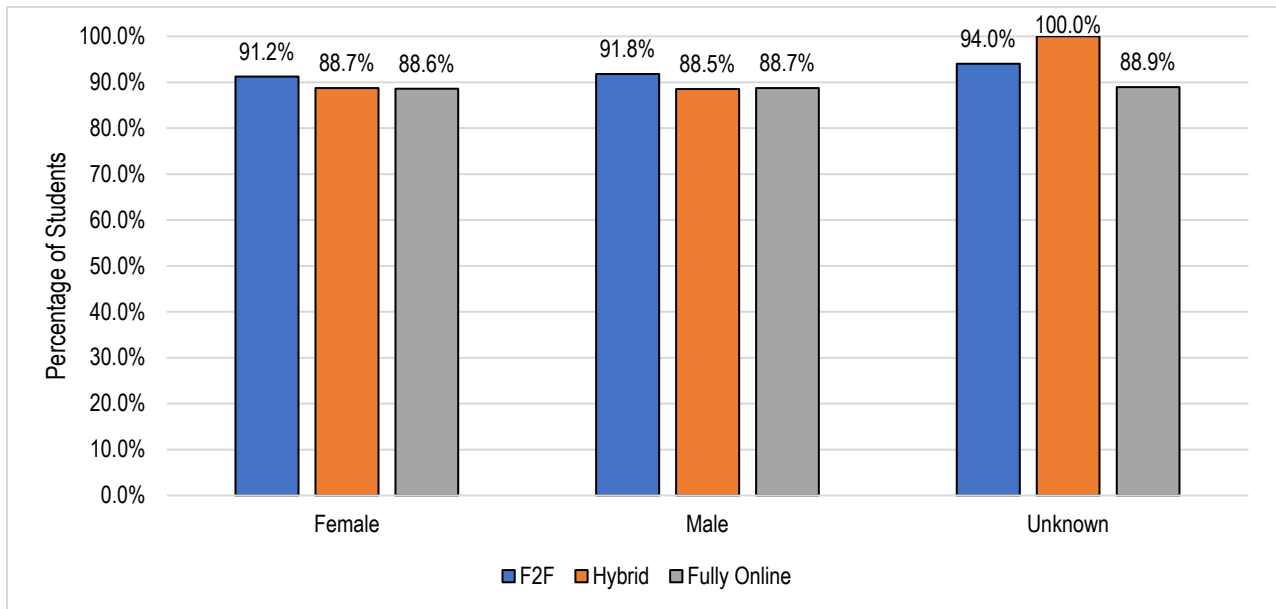## Course Retention Rate By Course Delivery Methods and Ethnic Group: 2019-20

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Asian	94.9%	84.8%	91.8%	94.2%	91.1%	89.7%	94.5%	89.7%	90.5%
African American	94.0%	83.9%	90.8%	88.3%	84.5%	83.7%	89.2%	84.5%	84.6%
Hispanic or Latino	92.7%	91.0%	90.8%	90.6%	89.2%	87.1%	91.1%	89.4%	88.1%
American Indian /Alaska Native	89.0%	100.0%	75.0%	96.2%	55.6%	79.5%	92.1%	60.0%	77.6%
Pacific Islander	88.4%		94.1%	88.2%	77.8%	78.1%	88.2%	77.8%	81.5%
Two or more races	93.2%	90.2%	93.5%	88.8%	83.6%	86.3%	90.9%	85.0%	89.0%
White	93.7%	90.9%	92.8%	91.7%	89.3%	89.8%	93.0%	90.0%	91.5%
Unknown	95.8%	100.0%	96.3%	91.4%	83.3%	89.7%	91.5%	100.0%	92.7%
Average	**93.3%**	**90.4%**	**91.8%**	**90.6%**	**88.4%**	**87.0%**	**91.5%**	**88.7%**	**88.6%**

Source: CCCCO MIS Referential Data Files

In 2019-20, Asian, African American, Hispanic. American Indian/Alaska Native, and White students had statistically significant higher retention rates in face-to-face courses than in fully online and hybrid courses.

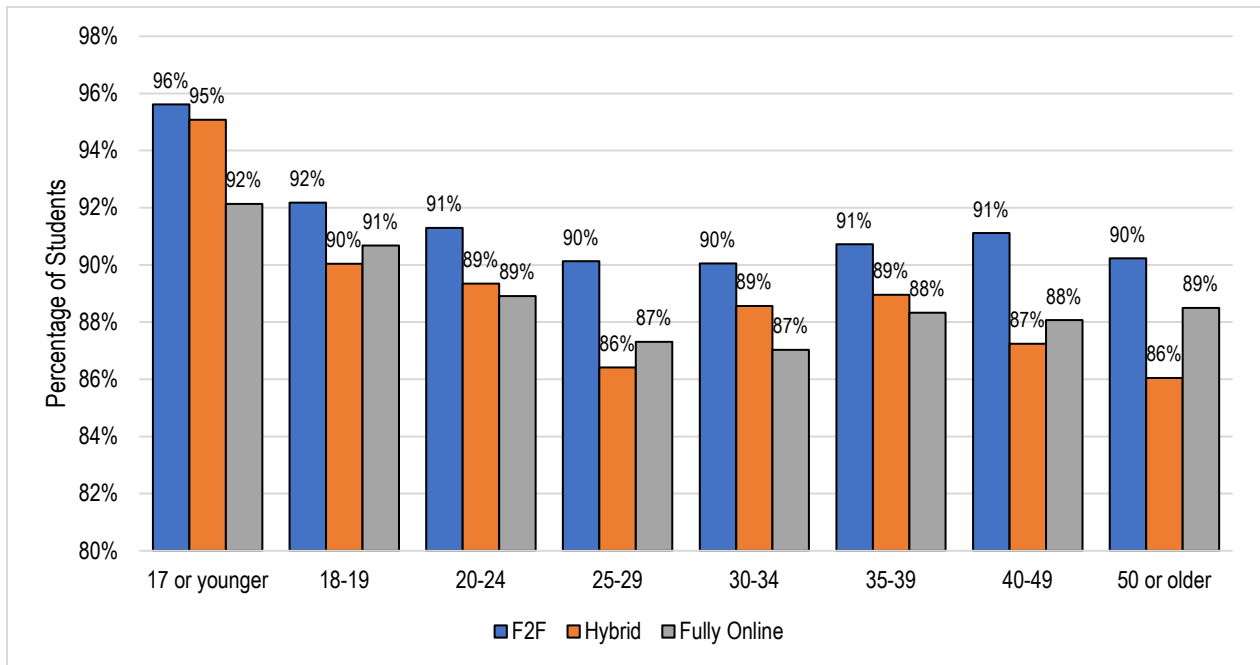**Course Retention Rate By Course Delivery Methods and Gender: 2019-20**

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online	F2F	Hybrid	Fully Online
Female	93.2%	88.9%	91.6%	90.3%	88.7%	87.3%	91.2%	88.7%	88.6%
Male	93.3%	92.2%	92.0%	90.9%	87.8%	86.5%	91.8%	88.5%	88.7%
Unknown	97.6%		86.7%	91.3%	100.0%	90.5%	94.0%	100.0%	88.9%
Total	**93.3%**	**90.4%**	**91.8%**	**90.6%**	**88.4%**	**87.0%**	**91.5%**	**88.7%**	**88.6%**

Source: CCCCO MIS Referential Data Files

In 2019-20, 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: 2019-20

	Crafton Hills College			San Bernardino Valley College			SBCCD		
	F2F	**Hybrid**	**Fully Online**	**F2F**	**Hybrid**	**Fully Online**	**F2F**	**Hybrid**	**Fully Online**
17 or younger	95.5%	100.0%	92.4%	95.7%	93.6%	91.7%	95.6%	95.1%	92.1%
18-19	93.9%	92.6%	93.5%	91.2%	89.5%	88.5%	92.2%	90.0%	90.7%
20-24	92.7%	89.4%	91.6%	90.5%	89.4%	87.4%	91.3%	89.4%	88.9%
25-29	92.9%	88.5%	90.7%	88.8%	86.1%	86.0%	90.1%	86.4%	87.3%
30-34	92.1%	90.2%	90.2%	89.3%	88.4%	85.6%	90.1%	88.6%	87.0%
35-39	93.7%	90.9%	91.2%	89.6%	88.7%	87.3%	90.7%	89.0%	88.3%
40-49	92.6%	92.7%	91.8%	90.6%	86.5%	86.8%	91.1%	87.2%	88.1%
50 or older	92.4%	88.2%	89.5%	89.5%	85.9%	88.2%	90.2%	86.0%	88.5%
Total	**93.3%**	**90.4%**	**91.8%**	**90.6%**	**88.4%**	**87.0%**	**91.5%**	**88.7%**	**88.6%**

Source: CCCCO MIS Referential Data Files

In 2019-20, students 20-49 years of age had statistically significant higher retention rates in face-to-face courses than in hybrid and fully online courses. Students under 19 years of age statistically had significant higher retention rates in face-to-face course than in hybrid courses.