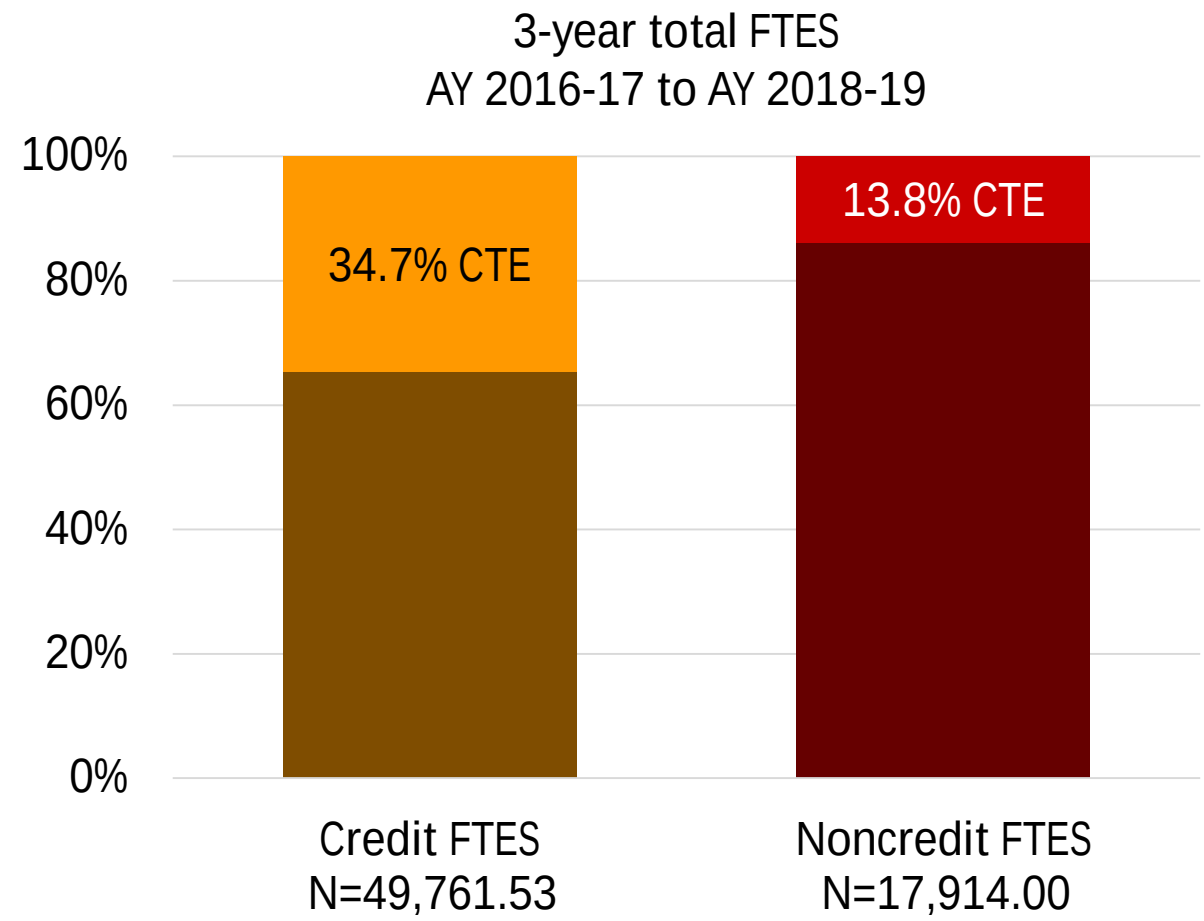
Career and Technical Education (CTE) at CCSF

AY 2016-17 TO AY 2018-19

FEBRUARY 2020

How many credit and noncredit FTES are in CTE and non-CTE?

Between AY 2016-17 and AY 2018-19, 29% of the college's total FTES were in CTE.

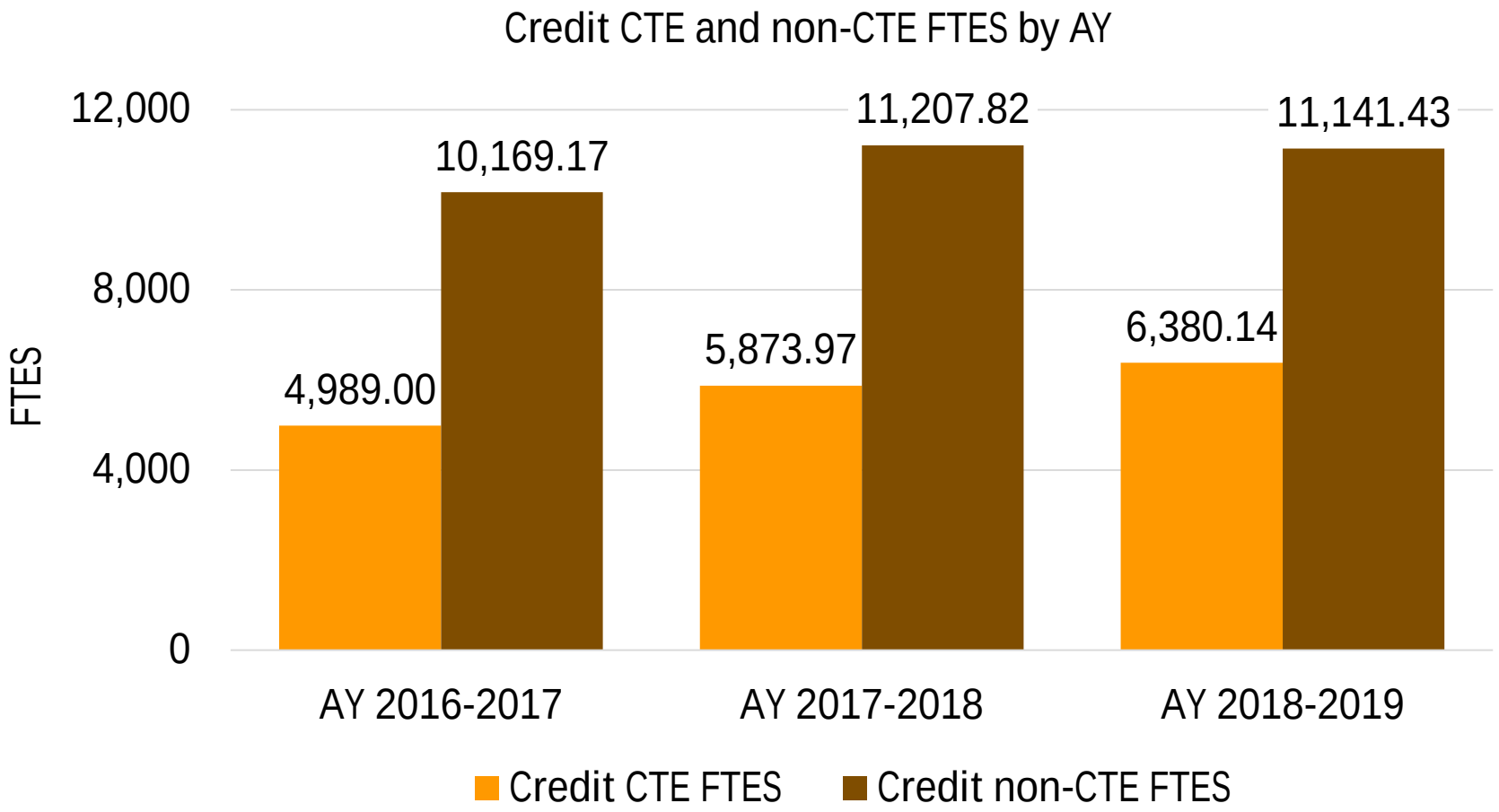


Credit CTE

How do we identify credit CTE courses and students?

	Enrolled in 1+ credit course	Enrolled in 1+ credit CTE course (has vocational TOP code or occupational SAM code)	Completed 9+ CTE units within an academic year
	41,036 students	22,214 students (54% of credit students)	4,620 students (21% of credit CTE-enrolled students)

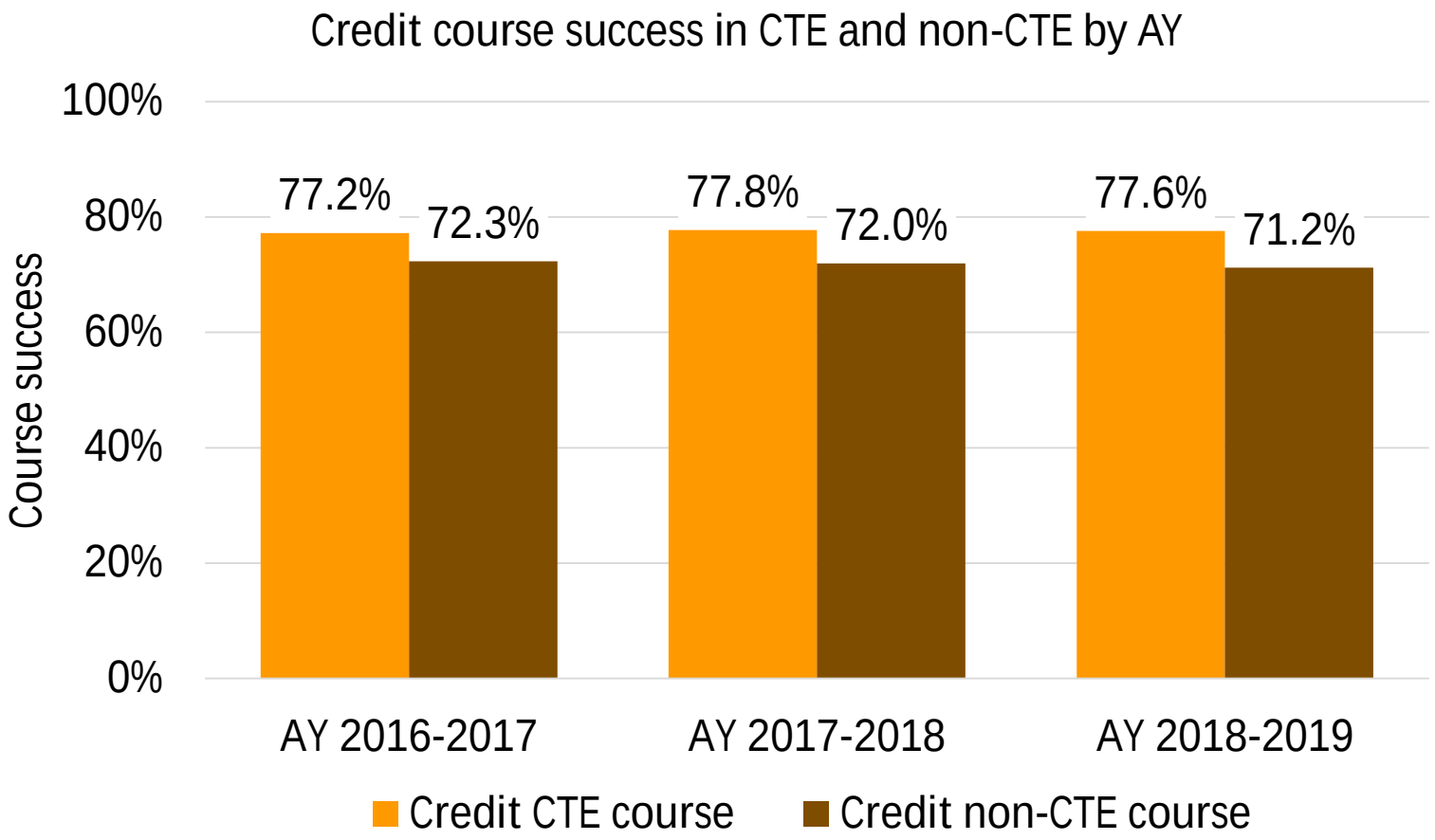
Credit CTE and non-CTE: FTES



Over the last three AY, CTE FTES increased more than non-CTE FTES.

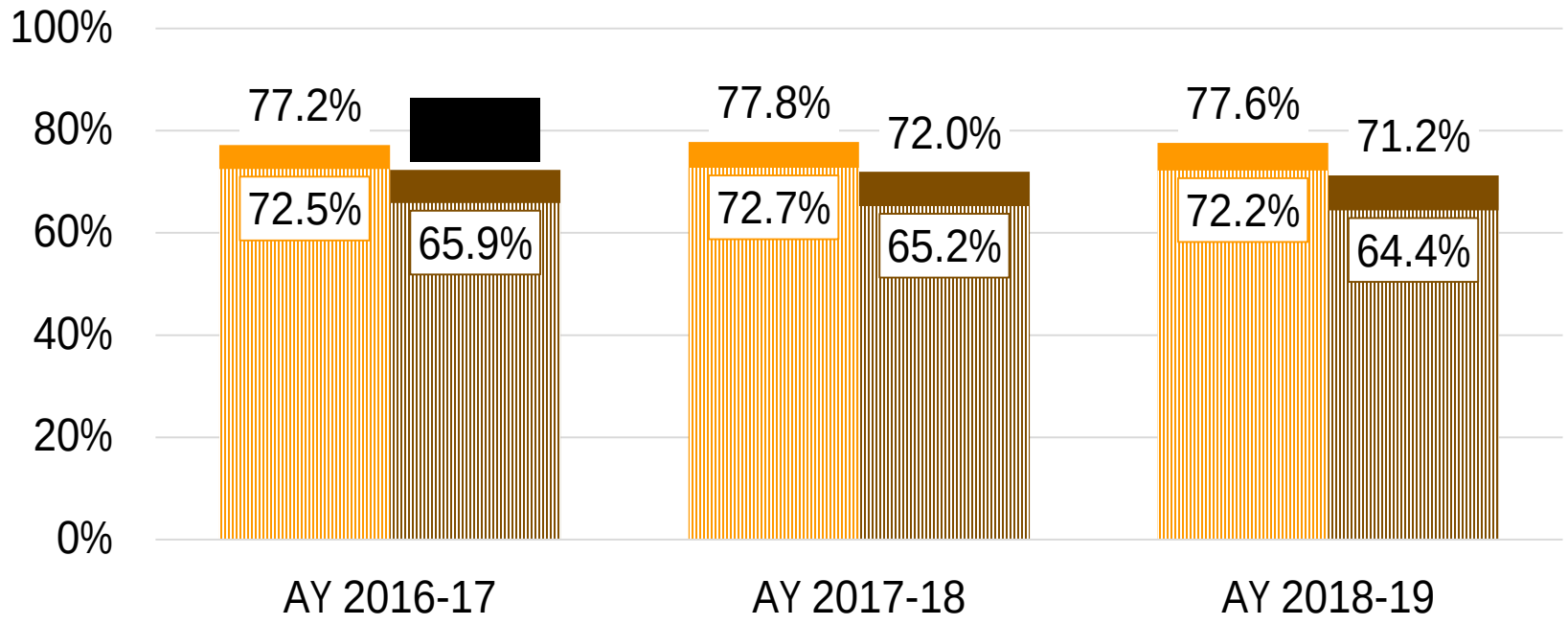
Credit CTE and non-CTE: Number of courses offered

Credit CTE and non-CTE: Course Success



Over the last three AY, success rates in CTE courses were consistently higher than in non-CTE courses.

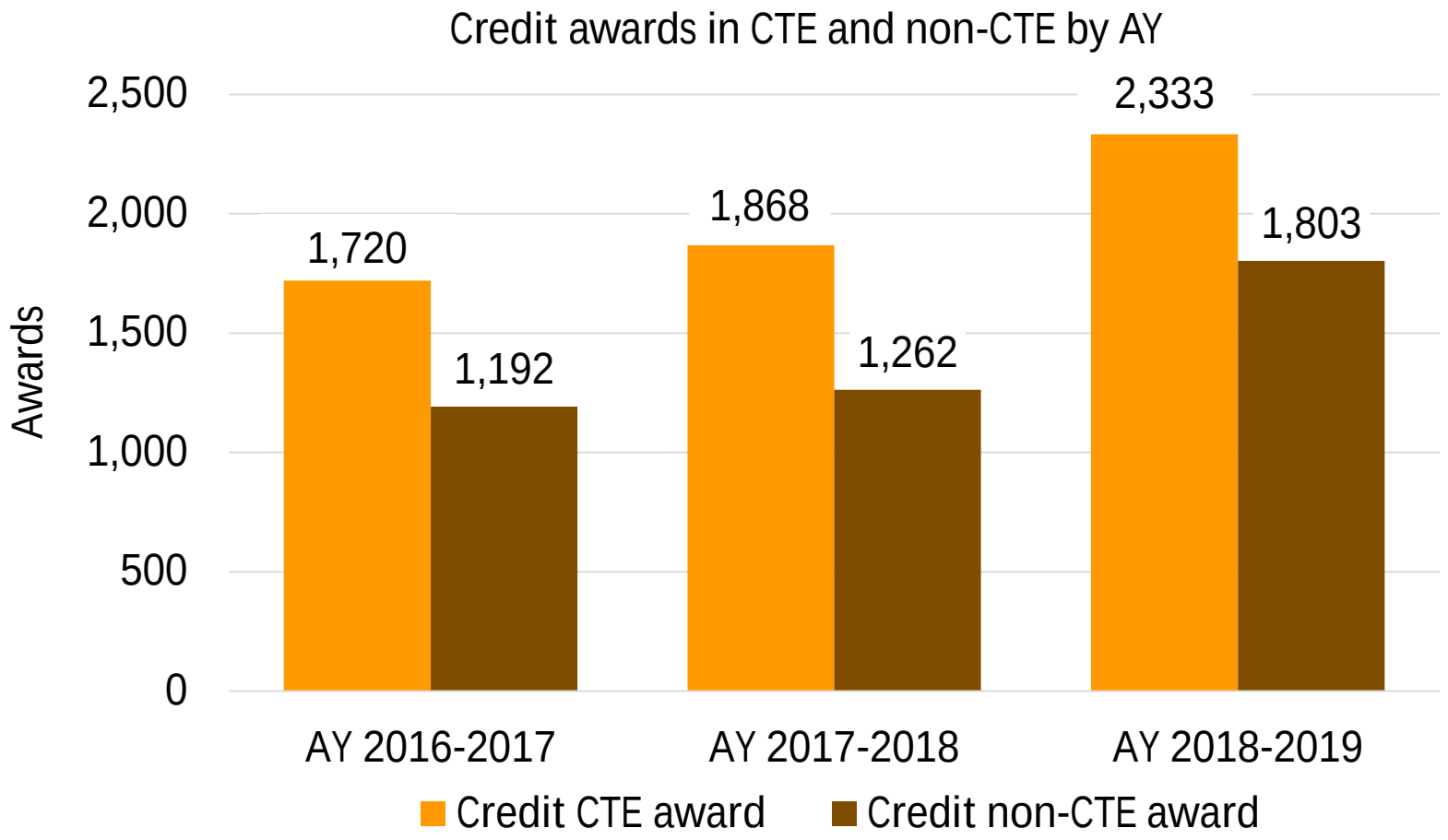
Credit CTE and non-CTE: Course Success and Equity



The equity gap is smaller in CTE courses than in non-CTE courses.

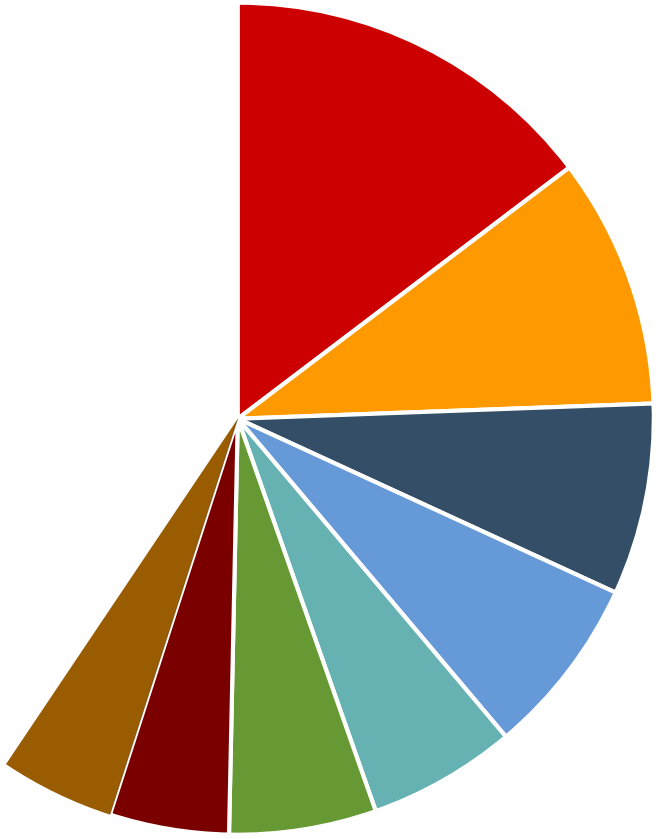
Student Equity Groups are defined in the college Equity Report.

Credit CTE and non-CTE: Awards



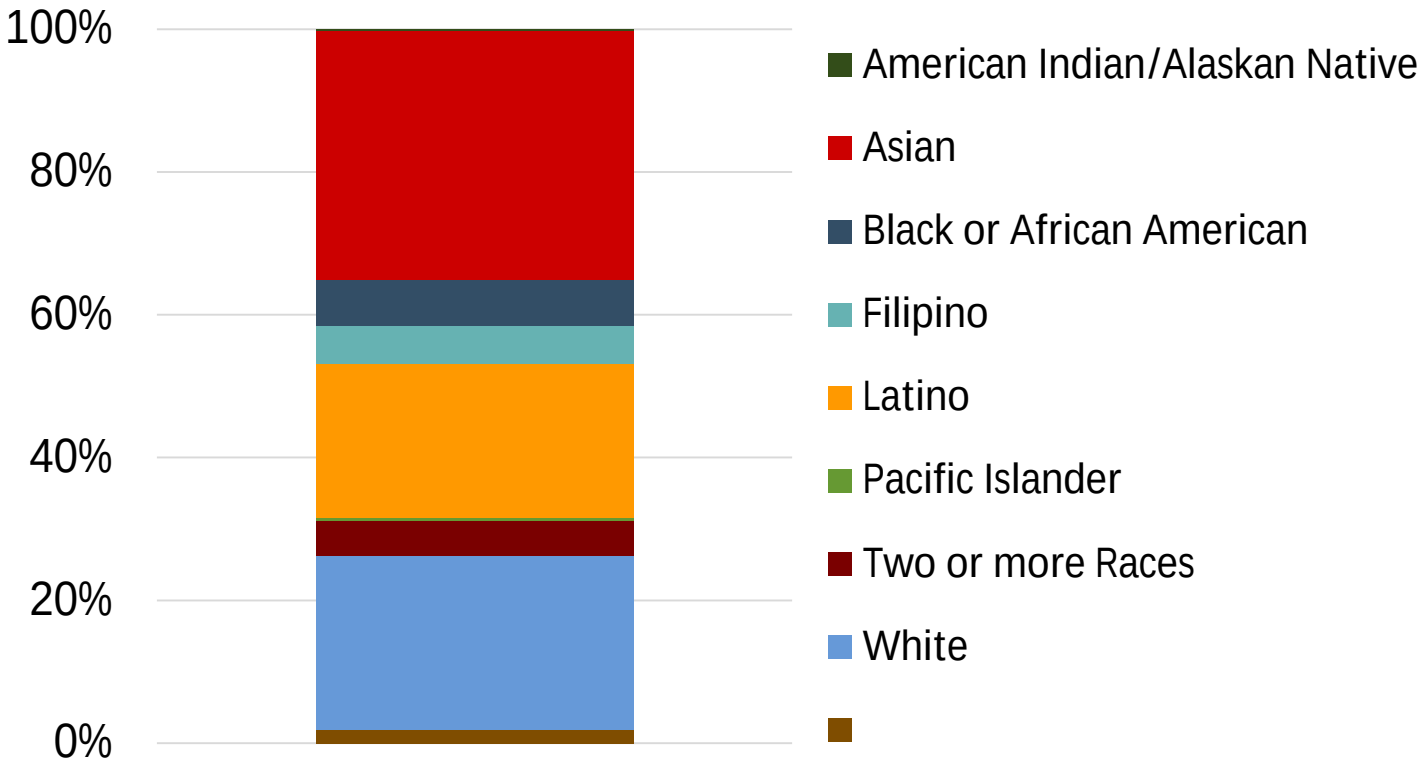
In each of the last three AY, between 56% and 59% of all credit awards were in CTE.

Which departments have credit enrollments in CTE?



What is the ethnicity distribution of credit CTE and non-CTE students?

Credit CTE students, AY 2018-19
N=4,620

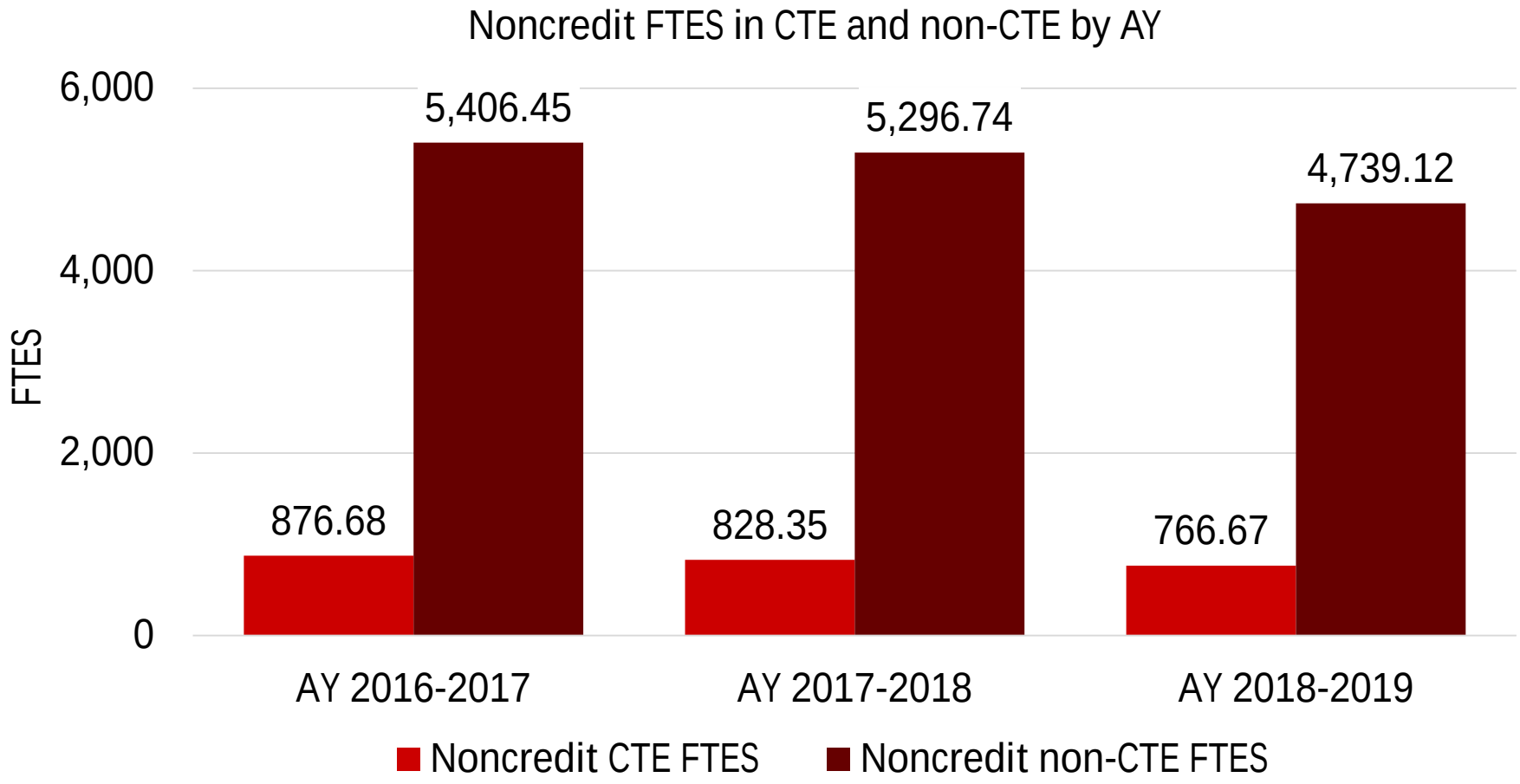


Credit non-CTE students, AY 2018-19
N=36,416

Where do credit CTE and non-CTE students live?

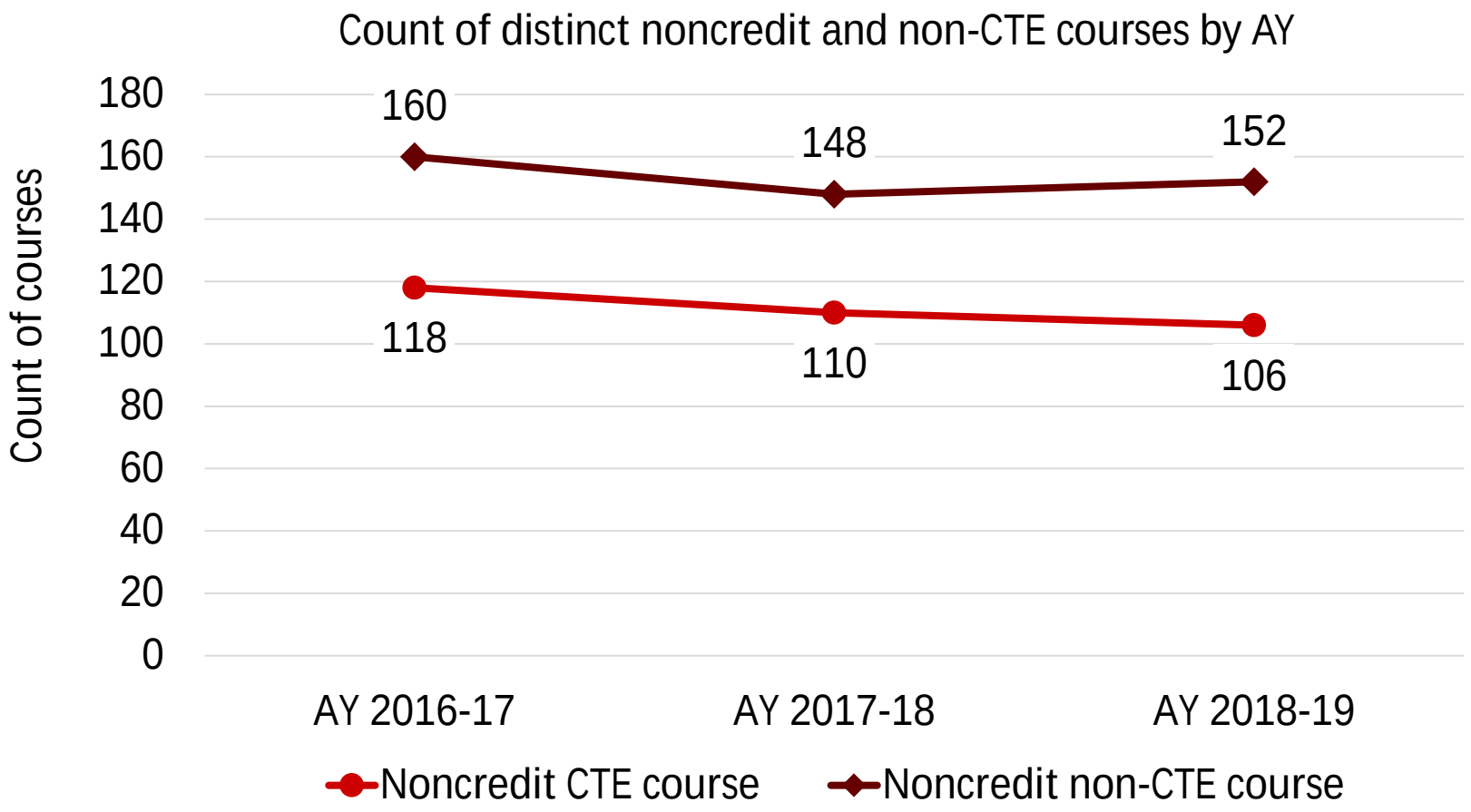
Credit non

Noncredit CTE and non-CTE: FTES



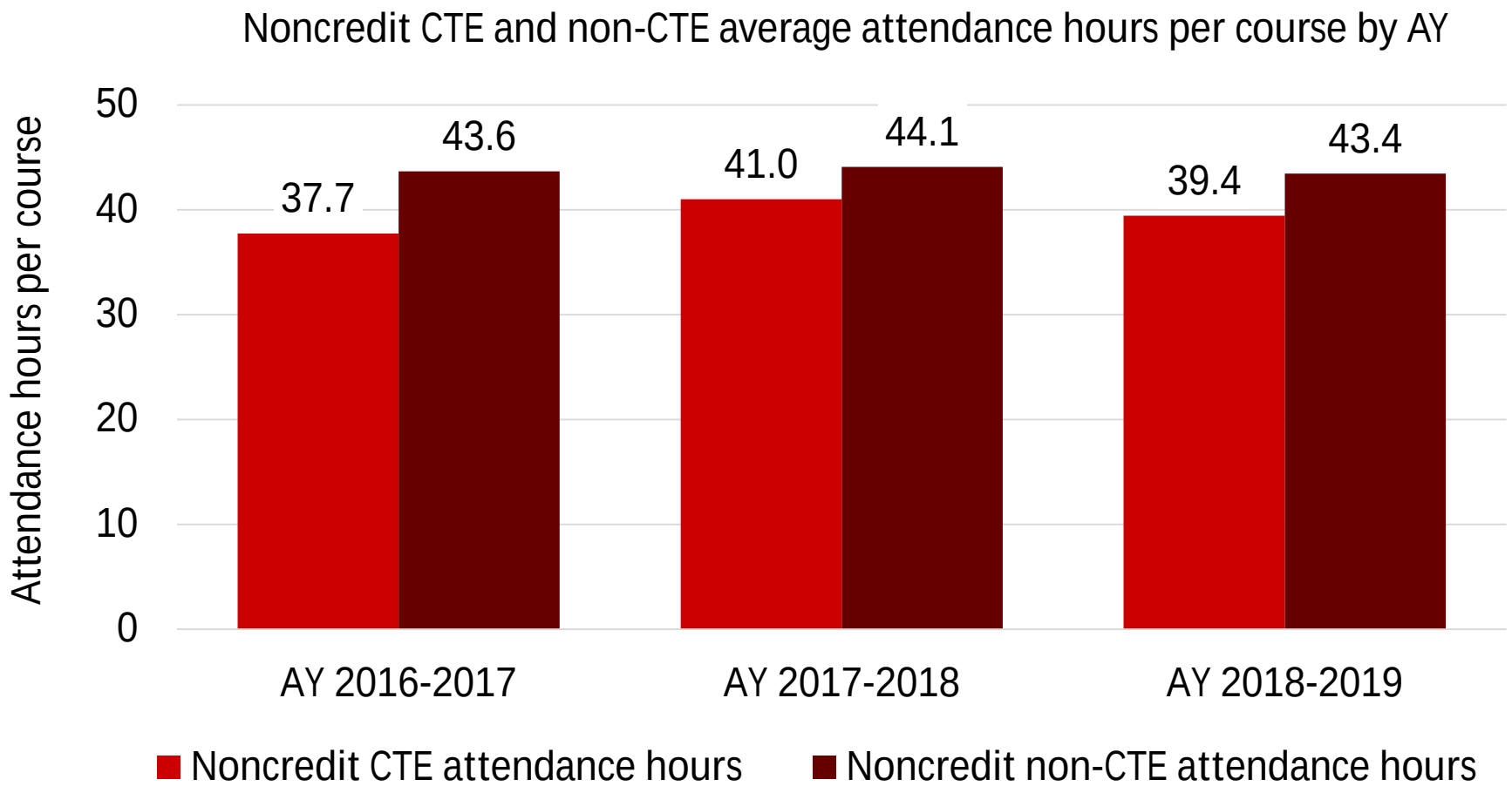
Over the last three AY, noncredit CTE and non-CTE FTES have decreased.

Noncredit CTE and non-CTE: Number of courses offered



Over the selected AY, fewer distinct CTE courses have been offered than non-CTE courses.

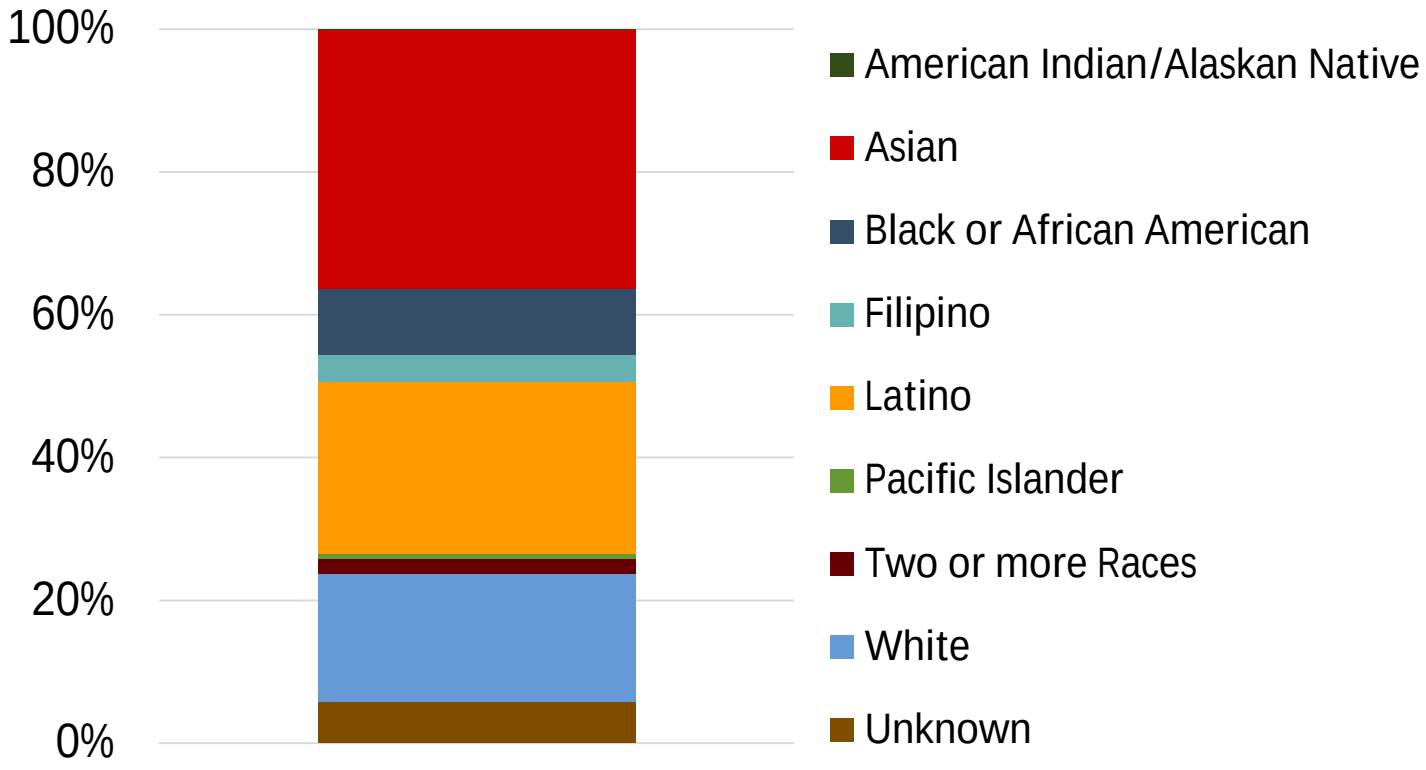
Noncredit CTE and non-CTE: Average Hours



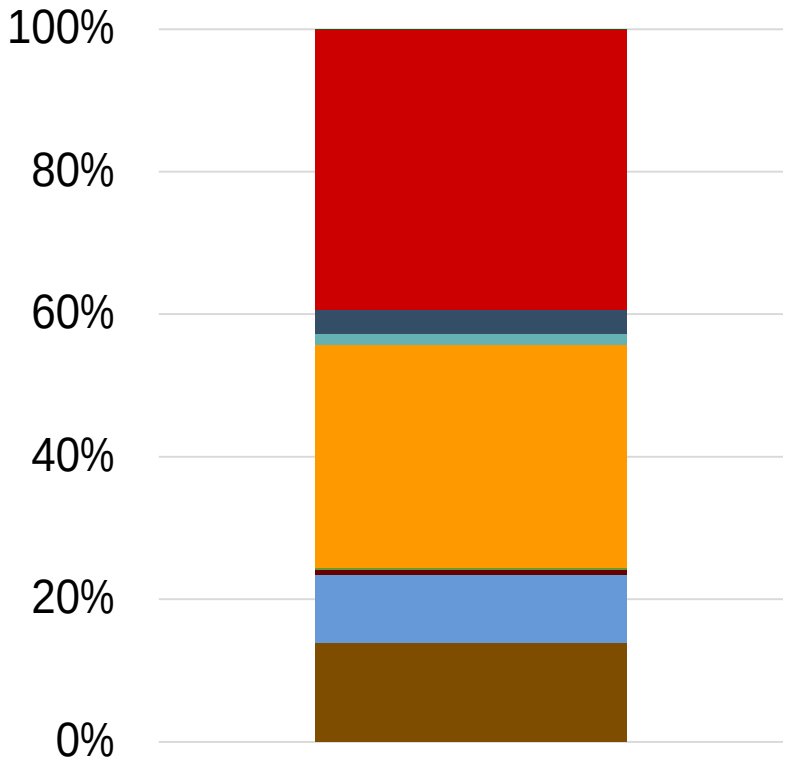
Over the last three AY, students' average attendance hours in CTE courses has risen slightly.

What is the ethnicity distribution of noncredit CTE and non-CTE students?

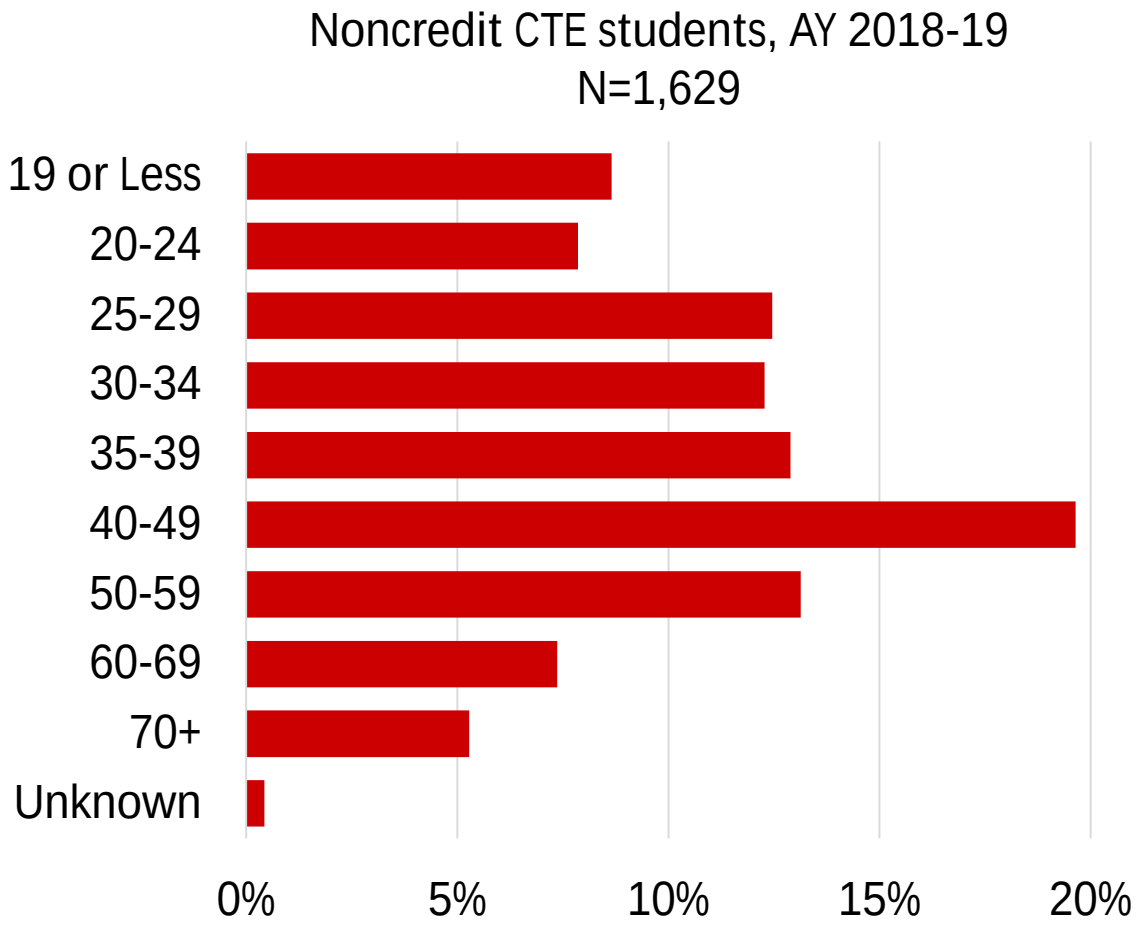
Noncredit CTE students, AY 2018-19
N=1,629

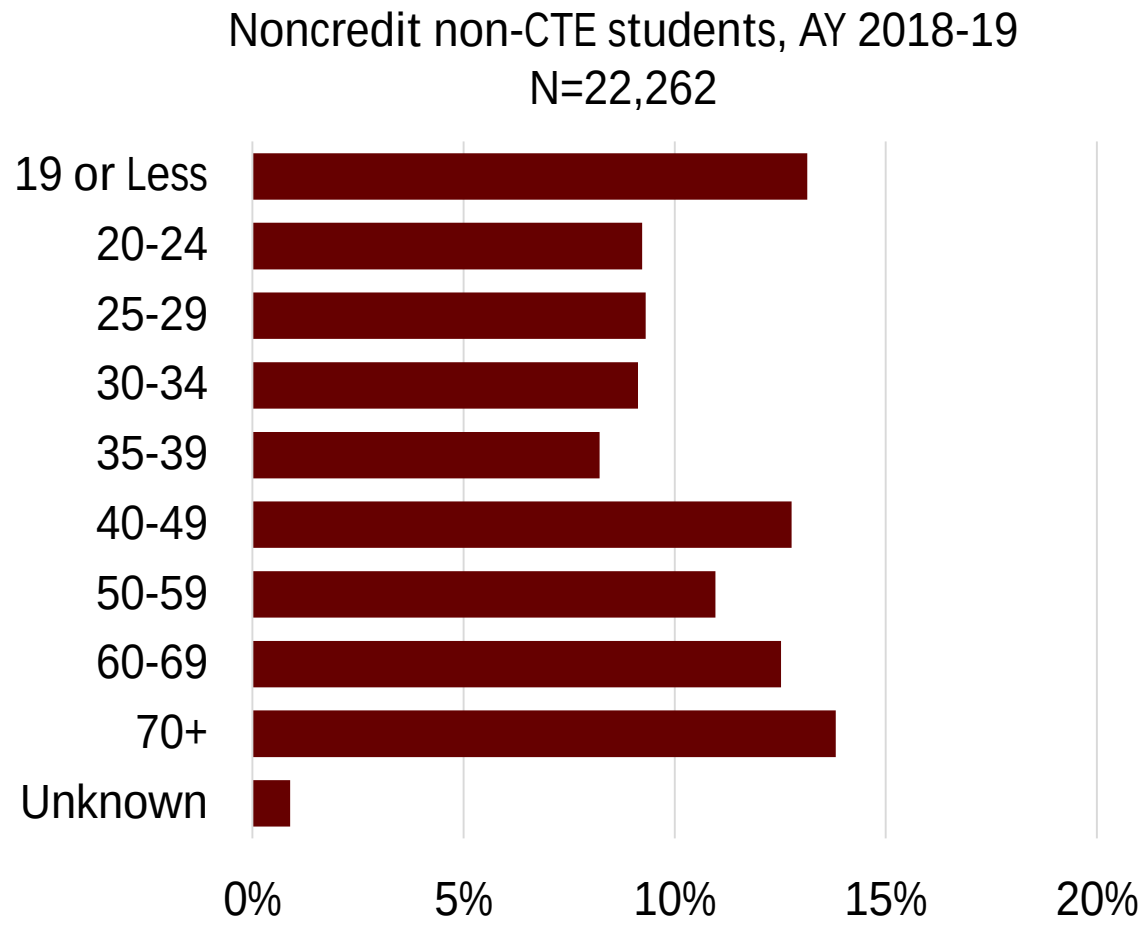


Noncredit non-CTE students, AY 2018-19
N=22,262



What is the age distribution of noncredit CTE and non-CTE students?





Where do

Appendix

DATA TABLES

Data Table: 3-year total FTES and awards as CTE and non-CTE, AY 2016-17 to AY 2018-19

CTE	1,623	4,982	35.3%	64.0%
Non-CTE	2,980	2,804	64.7%	36.0%

Data Table: CTE and non-CTE FTES by location, AY 2016-17 through AY 2018-19

		CTE FTES	Non-CTE FTES
Airport	509.31	100.0%	0.0%
Chinatown/North Beach	5,840.42	15.0%	85.0%
Civic Center	1,330.43	1.3%	98.7%
Downtown	3,650.02	33.1%	66.9%
Evans	1,719.19	87.6%	12.4%
John Adams	4,116.86	48.6%	51.4%
Mission	6,051.06	23.9%	76.1%
Ocean	37,884.90	25.3%	74.7%
Southeast	212.12	36.7%	63.3%

Data Table: Number of distinct CTE and non-CTE credit and noncredit courses offered, AY 2016-17 through AY 2018-19

	CTE courses	Non-CTE courses	CTE courses	Non-CTE courses
AY 2016-17	809	748	118	160
AY 2017-18	818	776	110	148
AY 2018-19	807	760	106	152

Data Table: 3-year total credit CTE FTES by department, AY 2016-17 to AY 2018-19

Administration of Justice	985.78
Aircraft Maintenance Technology	442.39
Architecture	579.33
Art	82.50
Automotive Technology	799.37
Biology	120.35
Broadcast Electronic Media Arts	438.40
Business	2531.21
Child Development Family Studies	1284.16
Cinema	293.84

Computer Networking and Info. Tech.	994.78
Computer Science	1,678.95
Culinary Arts and Hospitality Studies	497.46
Dental Assisting	89.62
Diagnostic Medical Imaging	338.20
Earth Sciences	37.73
Engineering Technology	656.88
Environmental Horticulture and Floristry	412.95
ESL	2.00

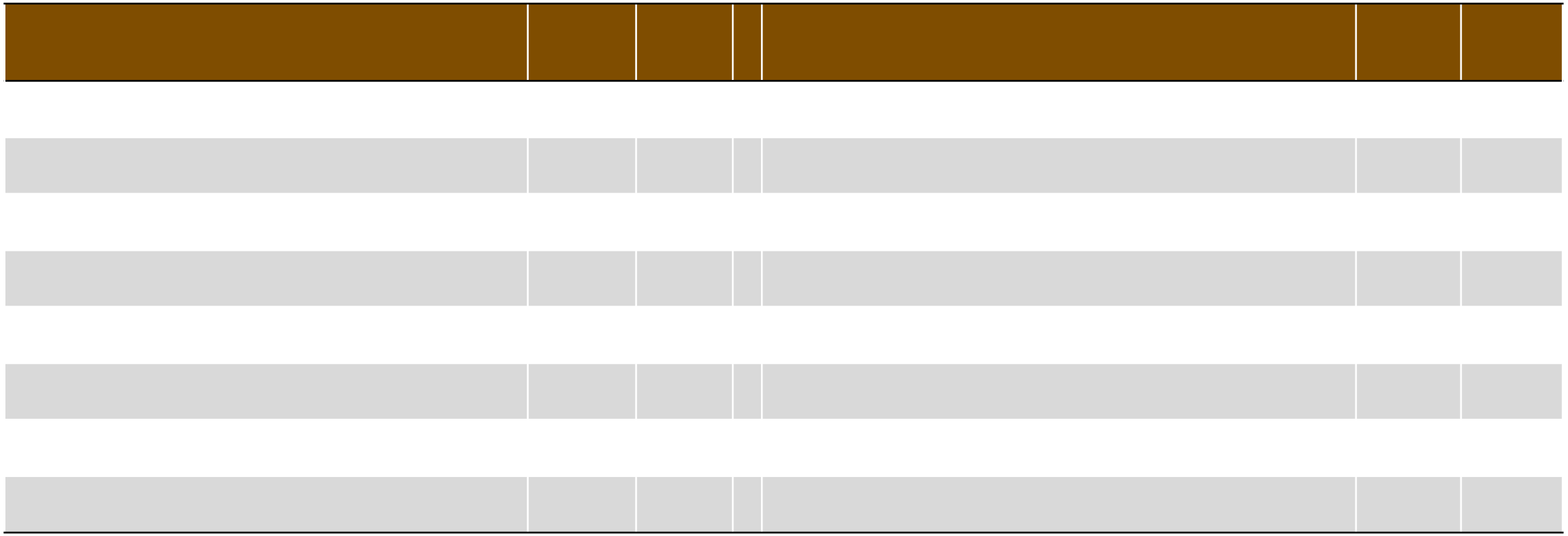
Data Table: Credit CTE and non-CTE students by age group, AY 2018-19

	Credit CTE students		Credit non-CTE students	
19 or Less	333	7.2%	6,596	18.1%
20-24	1,013	21.9%	8,488	23.3%
25-29	1,099	23.8%	6,719	18.5%
30-34	790	17.1%	4,453	12.2%
35-39	465	10.1%	2,803	7.7%
40-49	557	12.1%	3,327	9.1%
50-59	281	6.1%	2,323	6.4%
60+	82	1.8%	1,681	4.6%
Unknown	0	0.0%	26	0.1%

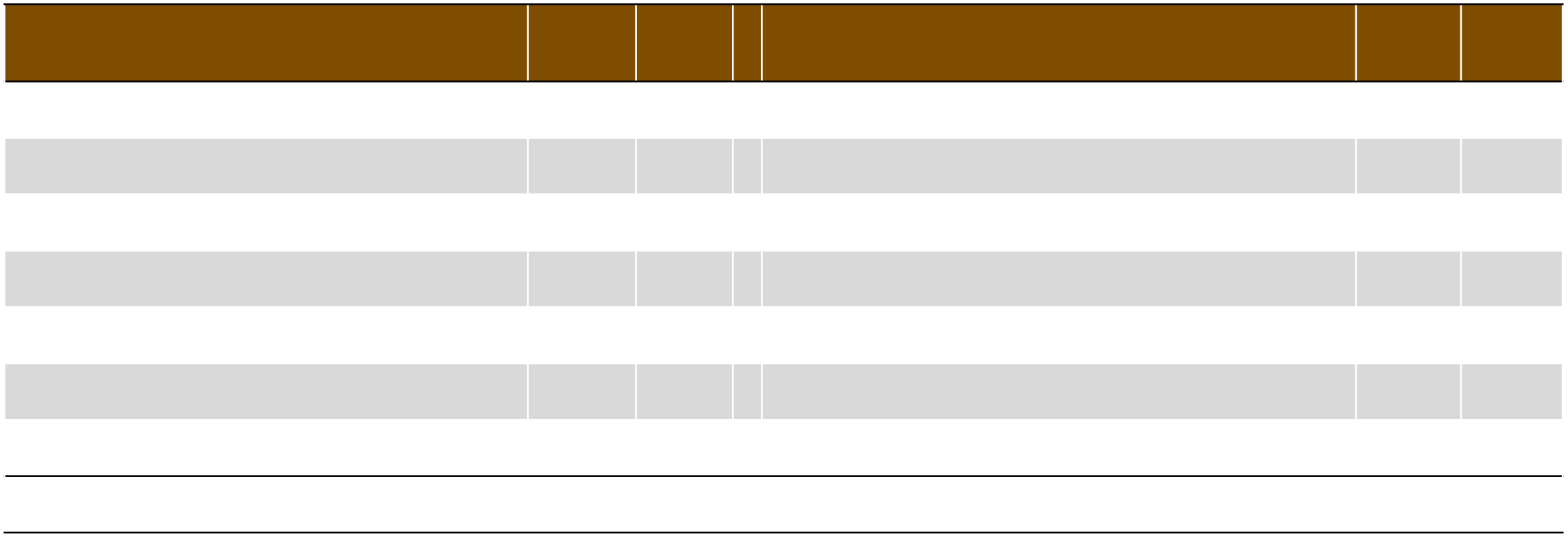
Data Table: Credit CTE and non-CTE students by Bay Area region, AY 2018-19

	Credit CTE students		Credit non-CTE students	
East Bay	482	10.4%	2,850	7.8%
Marin	52	1.1%	333	0.9%
Other	177	3.8%	1,209	3.3%
Peninsula	433	9.3%	3,033	8.3%
San Francisco	3,293	70.8%	27,947	76.5%
South Bay	77	1.7%	347	0.9%
Unknown	135	2.9%	832	2.3%

Data Table: Credit non-CTE students by ZIP code, AY 2018-19



Data Table: Credit non-CTE students by ZIP code, AY 2018-19 cont.



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Data Table: Noncredit CTE and non-CTE FTES by year, AY 2016-17 to AY 2018-19

CTE	5,406.45	86.0%	5,296.74	86.5%	4,739.12	86.1%
Non-CTE	876.68	14.0%	828.35	13.5%	766.67	13.9%

Data Table: Noncredit CTE and non-

Data Table: Noncredit CTE and non-CTE

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Data Table: Noncredit CTE and non-CTE students by age group, AY 2018-19

	Noncredit CTE students		Noncredit non-CTE students	
19 or Less	141	8.7%	2,925	13.1%
20-24	128	7.9%	2,055	9.2%
25-29	203	12.5%	2,074	9.3%
30-34	200	12.3%	2,033	9.1%
35-39	210	12.9%	1,831	8.2%
40-49	320	19.6%	2,842	12.8%
50-59	214	13.1%	2,441	11.0%
60-69	120	7.4%	2,787	12.5%
70+ and Unknown*	93	5.7%	3,274	14.7%

Data Table: Noncredit CTE and non-CTE students by Bay Area region, AY 2018-19

	Noncredit CTE students		Noncredit non-	

Data Table: Noncredit CTE students by ZIP code, AY 2018-19

94112 - Ingleside-Excelsior/Crocker-Amazon	217	13.3%		94102 - Hayes Valley/Tenderloin/North of Market	46	2.8%
94124 - Bayview Hunters Point	158	9.7%		94109 - Polk/Russian Hill (Nob Hill)	37	2.3%
94110 - Inner Mission/Bernal Heights	125	7.7%		94107 - Potrero Hill	33	2.0%
94134 - Visitacion Valley/Sunnydale	109	6.7%		94108 - Chinatown	31	1.9%
94116 - Parkside/Forest Hill	62	3.8%		94118 - Inner Richmond	31	1.9%
94103 - South of Market	54	3.3%		Other San Francisco	195	12.0%
94122 - Sunset	51	3.1%		Outside San Francisco	397	24.4%
94133 - North Beach/Chinatown	51	3.1%		Unknown	32	2.0%

Data Table: Noncredit non-CTE students by ZIP code, AY 2018-19

94112 -						

Data Table: Noncredit non-CTE students by ZIP code, AY 2018-19 cont.

94117 - Haight-Ashbury/Cole Valley	356	1.6%		94105 - Embarcadero South	126	0.6%
94107 - Potrero Hill	346	1.5%		94111 - Embarcadero North	87	0.4%
94114 - Castro/Noe Valley	295	1.3%		94130 - Treasure Island	84	0.4%
94127 - St. Francis Wood/Miraloma/West Portal	244	1.1%		Other San Francisco	42	0.2%
94158 - Mission Bay	154	0.7%		Outside San Francisco	2,547	11.4%
94123 - Marina/Cow Hollow	127	0.6%		Unknown	1,153	5.1%