



Career and Technical Education Program (CTE) Data Review

Enrollment, Demographics, Attendance, Academics, and Graduation

May 2022



Focus Area

Enrollment: 3-4 (SIRS-313 Beds Enrollment)

- Trends in overall CTE Enrollment among SCSD High School students
- Trends in CTE Enrollment within CTE Programs

Demographics:5-11 (SIRS-313 Beds Enrollment)

- Ethnicity
- Gender
- IEP
- ELL
- Poverty

Attendance:12-13 (SIRS-361 Attendance/Absenteeism Summary)

- Average Days Absent (CTE vs. Non-CTE)
- Average Daily Attendance Rate (Original CTE Programs)

Academic Performance: 14-16(eSchool/SchoolTool exports)

- Grade Point Average (GPA)
- Regents Passing Rates
- Credit Accrual

Graduation: 17 (SIRS-308 Annual Graduation)

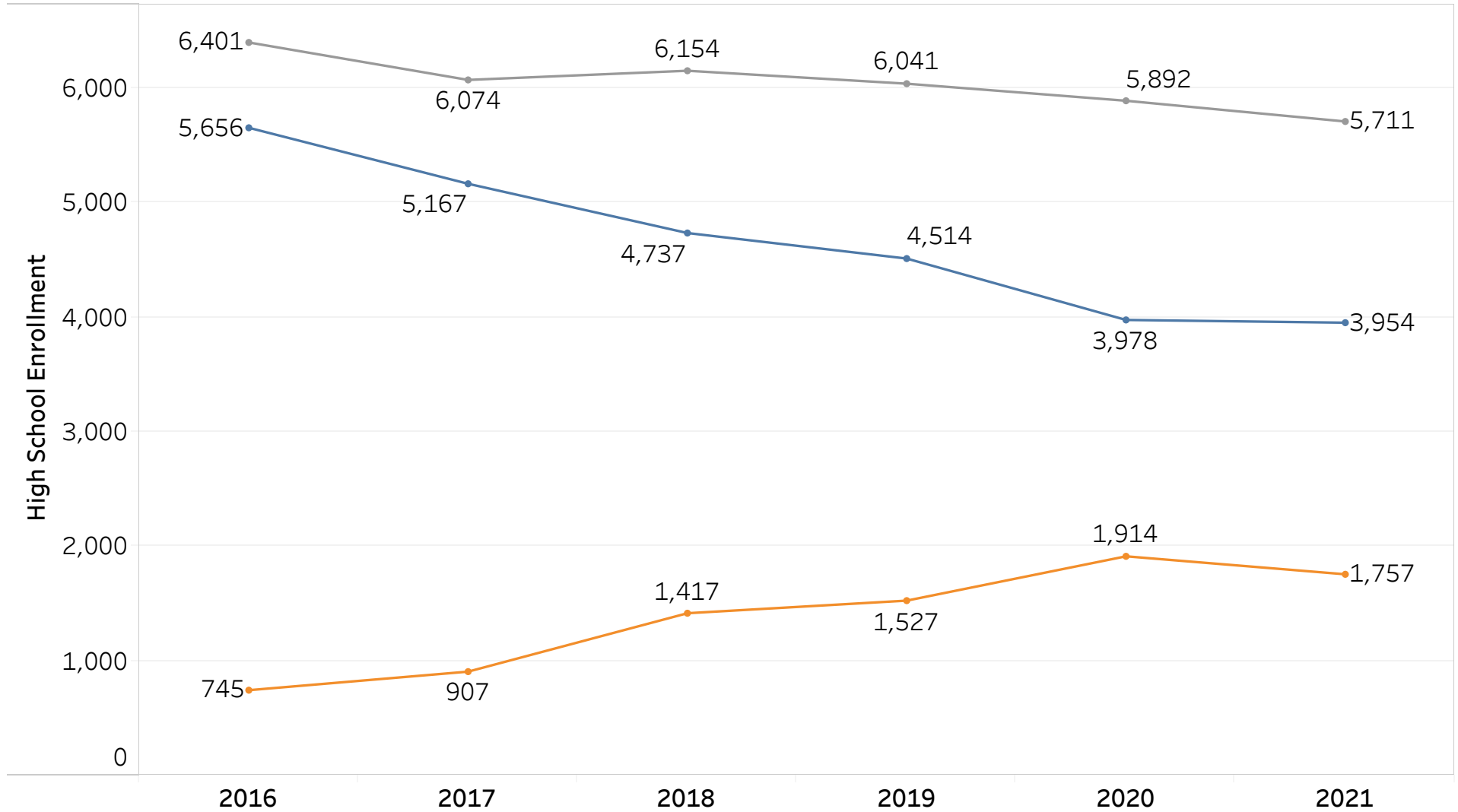
- One-Year Outcomes for 12th Graders



Enrollment

CTE HS Students vs. HS Non CTE Students
(Total Shown in Gray)
2015SY to 2021SY

■ Not CTE
■ CTE





HS Enrollment by CTE Program

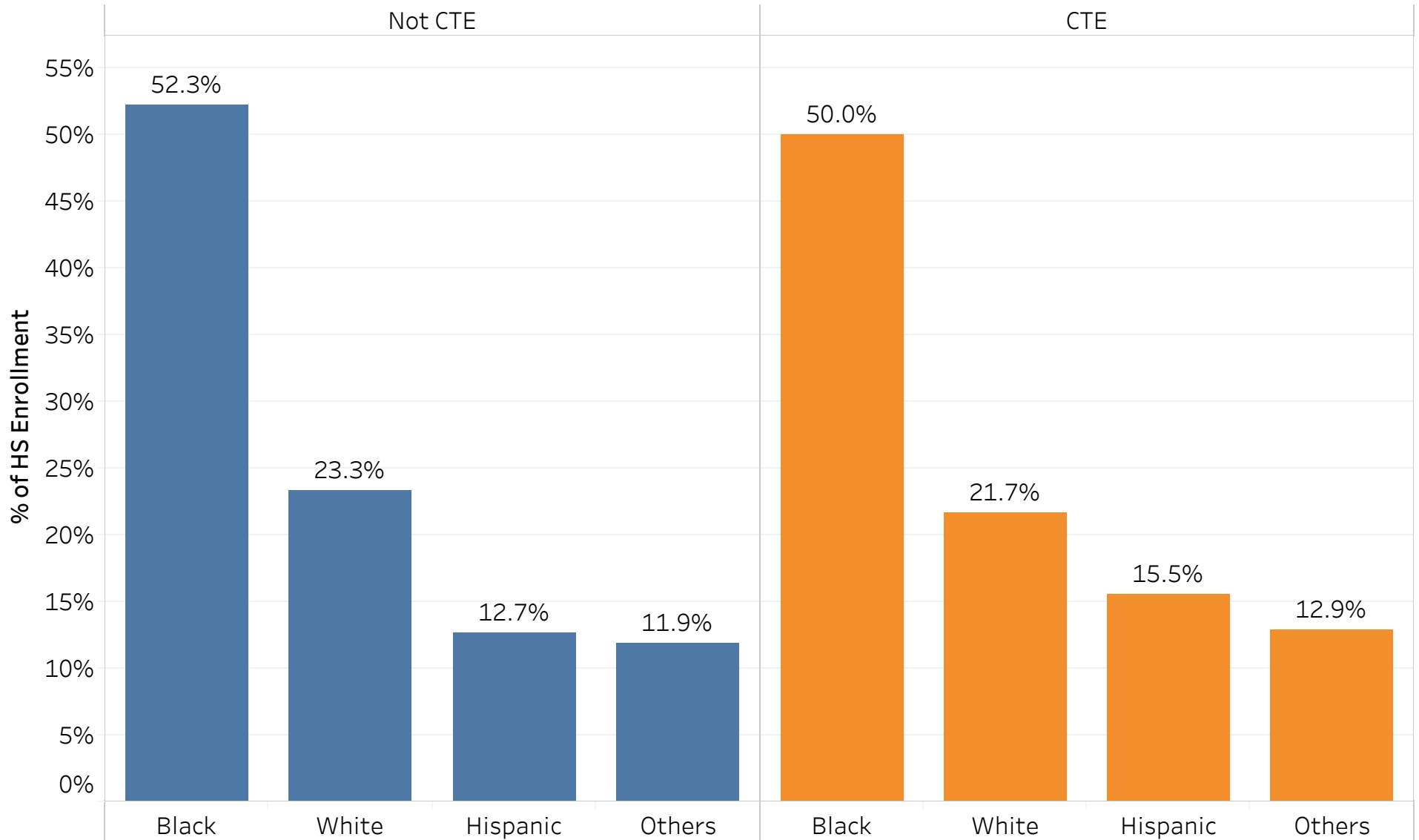
2016SY to 2021SY
Updated May 2022

CTE Programs	2016	2017	2018	2019	2020	2021
Automotive	67	51	58	56	71	82
Barbering	36	30	54	47	62	66
Biotechnology				22	34	70
Business Technology				87	82	89
Clinical Lab Technology					44	39
Clinical Laboratory Technician		21	30	30		
Computer Forensics	27	44	41	43	78	37
Computer Information Systems				19	33	42
Construction Technology		29	49	62	100	80
Cosmetology	55	54	99	71	104	104
Culinary Arts	91	85	80	91	109	113
Cybersecurity	10	16	57	74	43	56
Drone Technology		9	30	39	55	37
Electrical Engineering Technology		16	15	24	8	14
Electrical Trades	57	64	89	69	76	59
Emergency Medical Technician					93	54
EMT	47	26	71	62		
Fire/Rescue	23	17	31	45	45	30
Forensic Science	15	26	46	50	71	52
Geospatial Technology	3	11	25	34	34	30
Health Information Technology		15	19	13	29	20
Health Professions			51	53	71	78
Law Enforcement	30	41	75	77	87	93
Manufacturing Technology					16	20
Mechanical Engineering Technology	89	116	136	115	164	138
Media Communications	65	74	104	86	105	99
Medical Assisting	37	50	50	73	70	58
Natural Resources	30	47	70	77	78	77
NJROTC	48	49	86	73	74	48
Urban Teacher Preparation			7	18	24	26
Welding	15	16	44	17	54	46
Grand Total	745	907	1,417	1,527	1,914	1,757



High School Student Ethnicity

CTE HS Students vs. Non-CTE HS Students
2015SY to 2020SY (5-Year Average)





High School Enrollment by Gender

(District HS Average for Each Year Displayed as Short Red Bar)

2017SY to 2020SY

Female
Male

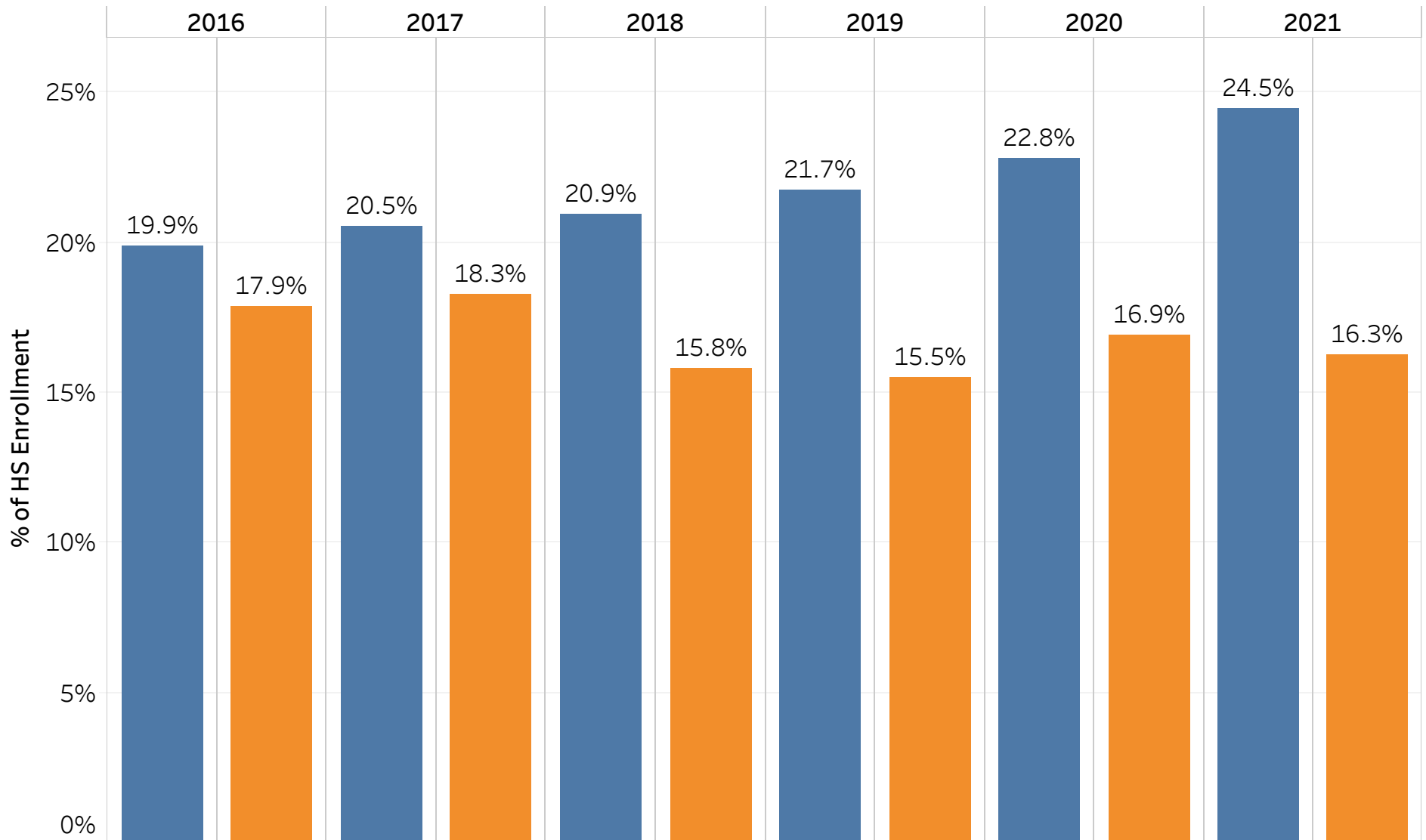




HS Enrollment: Students with a Disability

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

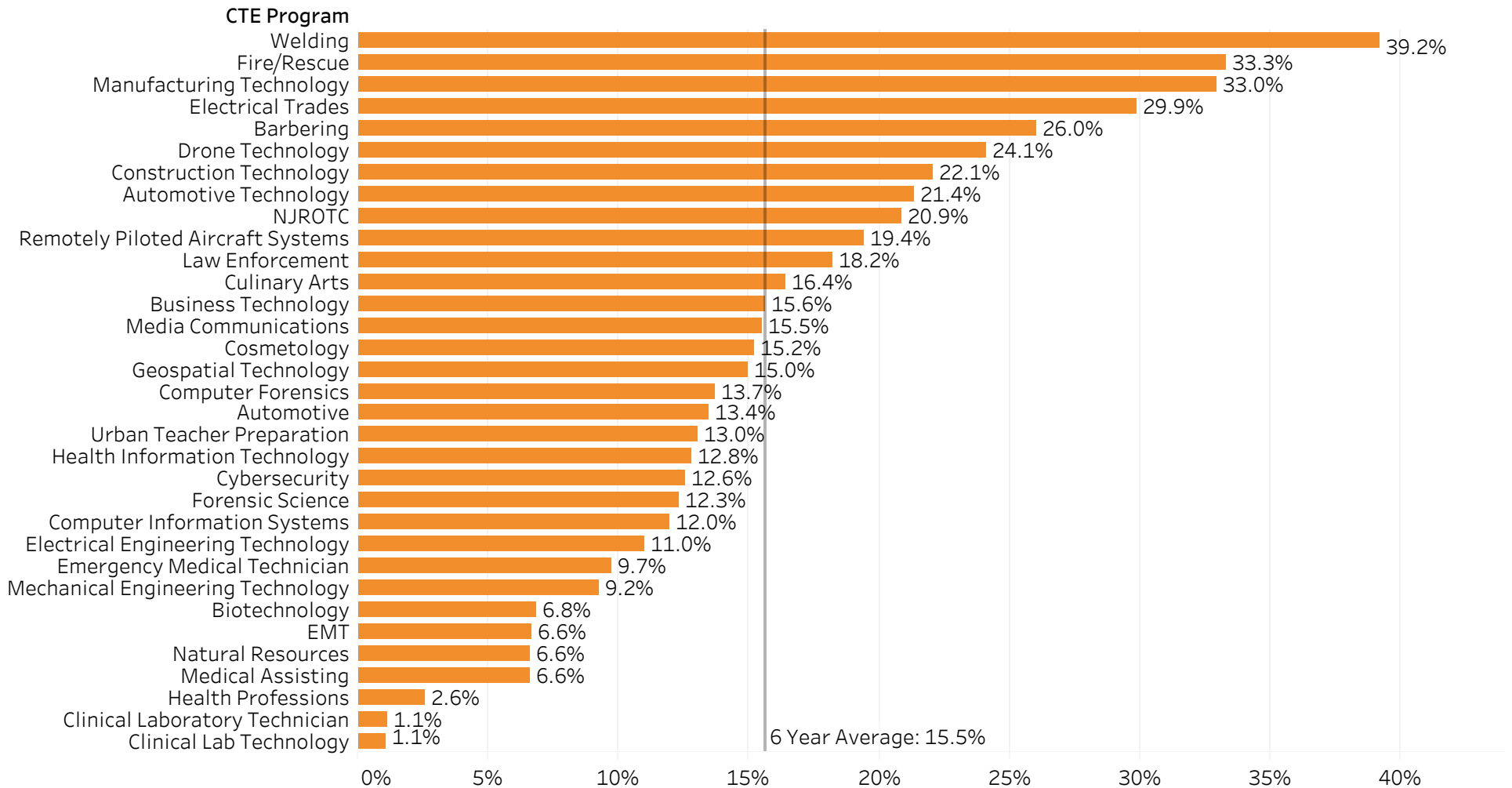
■ Not CTE
■ CTE





SWD Enrollment by CTE Program

2016SY to 2021SY
(6-Year Average)

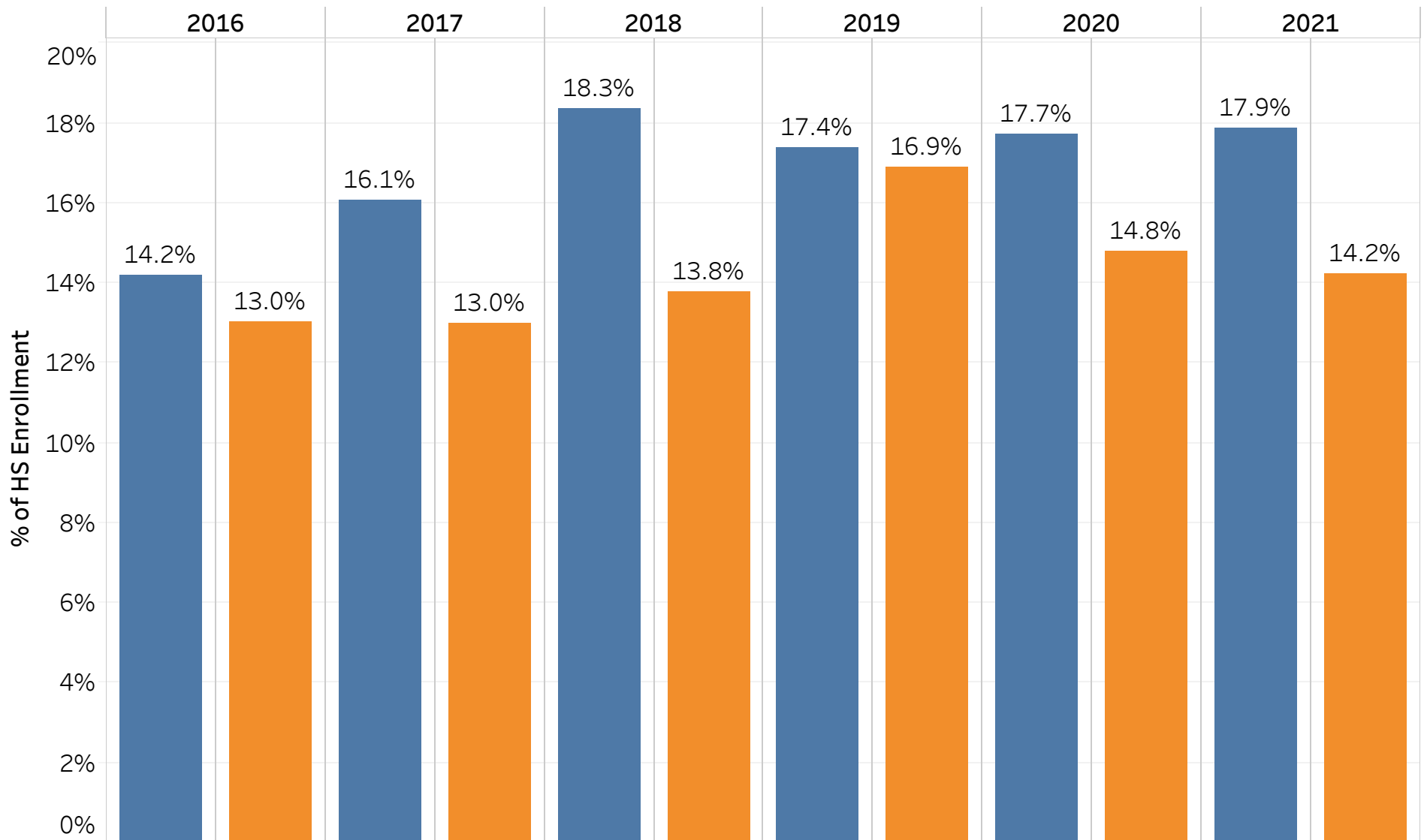




HS Enrollment: English Language Learners

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

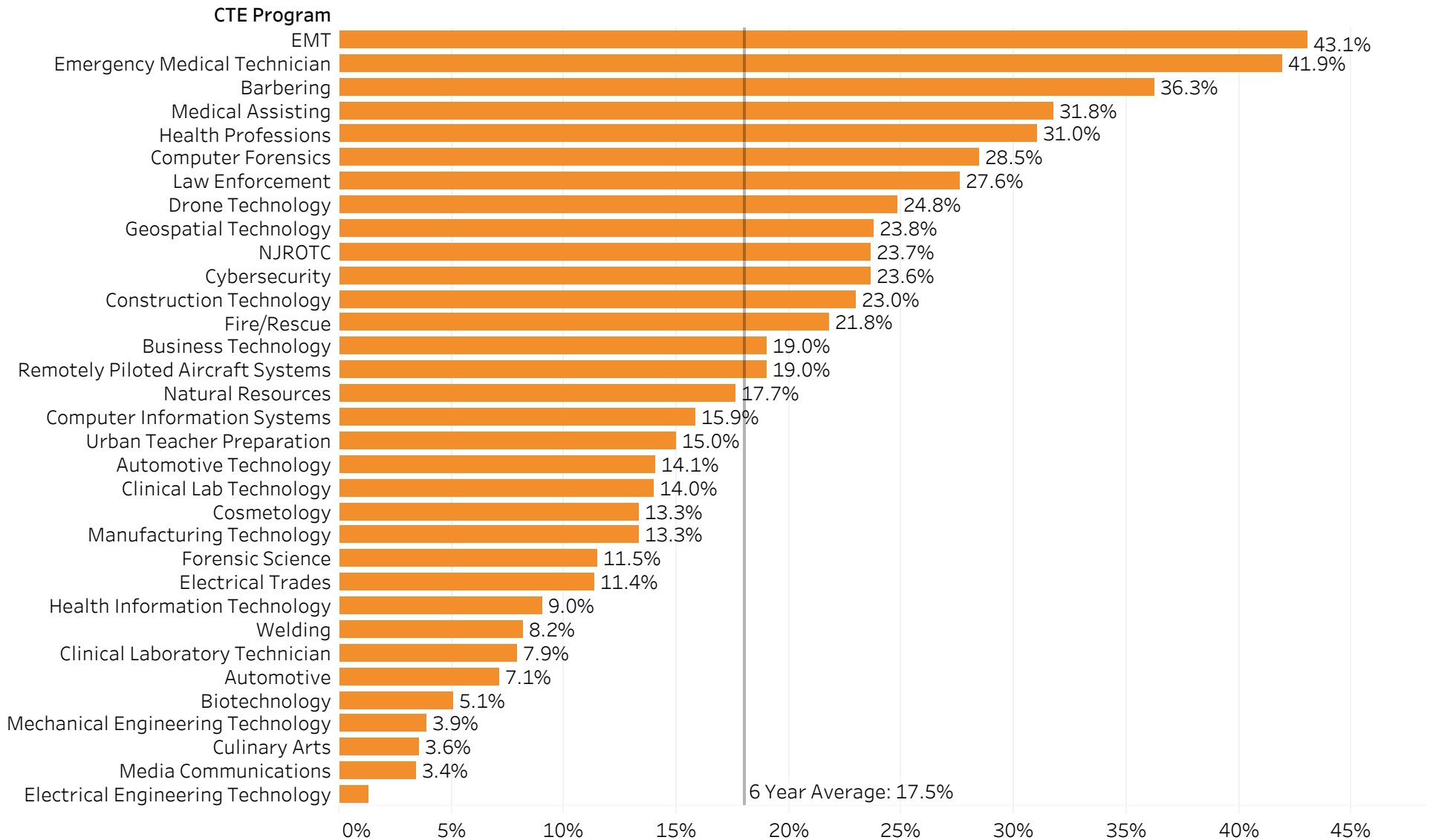
■ Not CTE
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ELL Enrollment by CTE Program

2016SY to 2021SY
(6-Year Average)

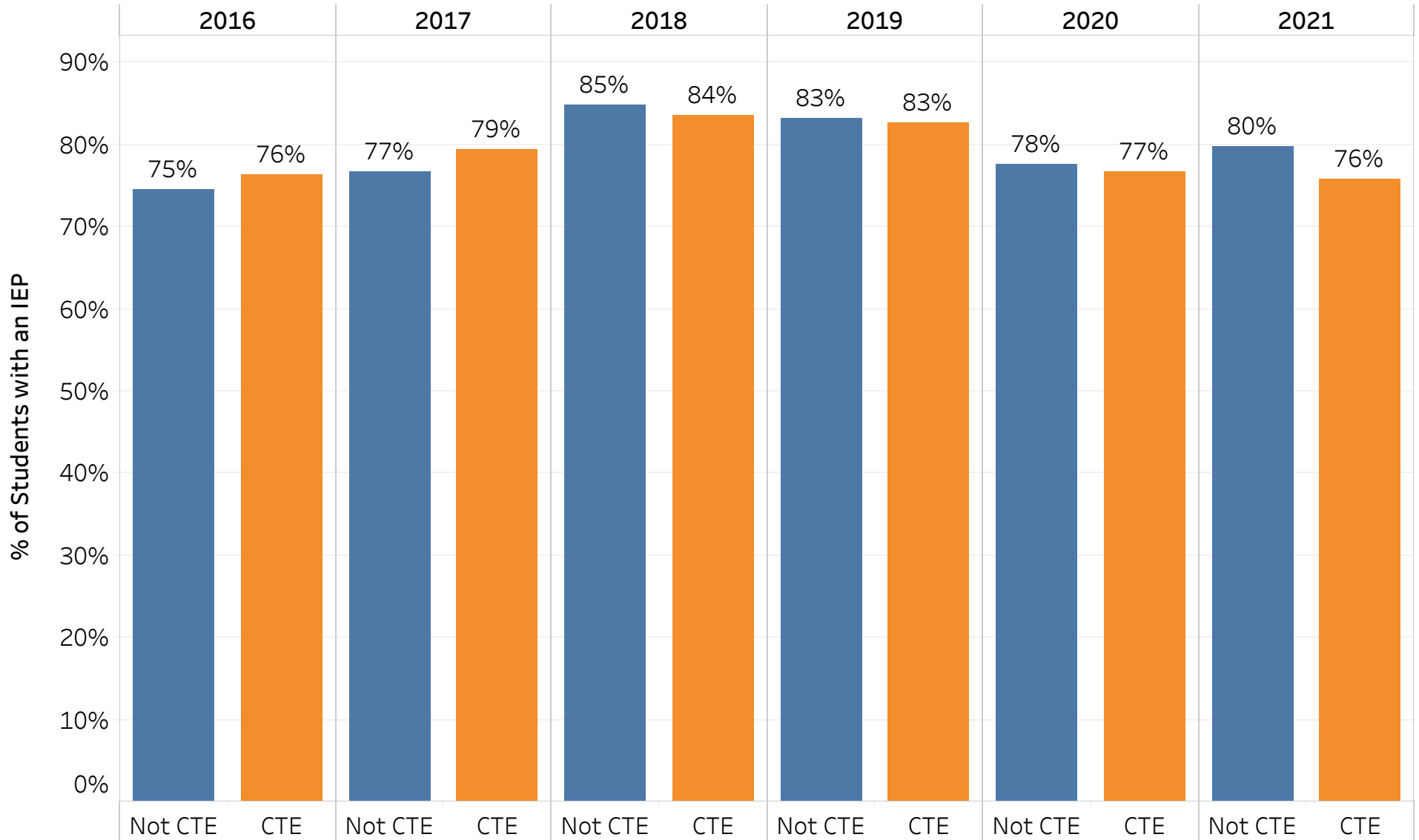




HS Enrollment: Economically Disadvantaged

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

Not CTE
CTE

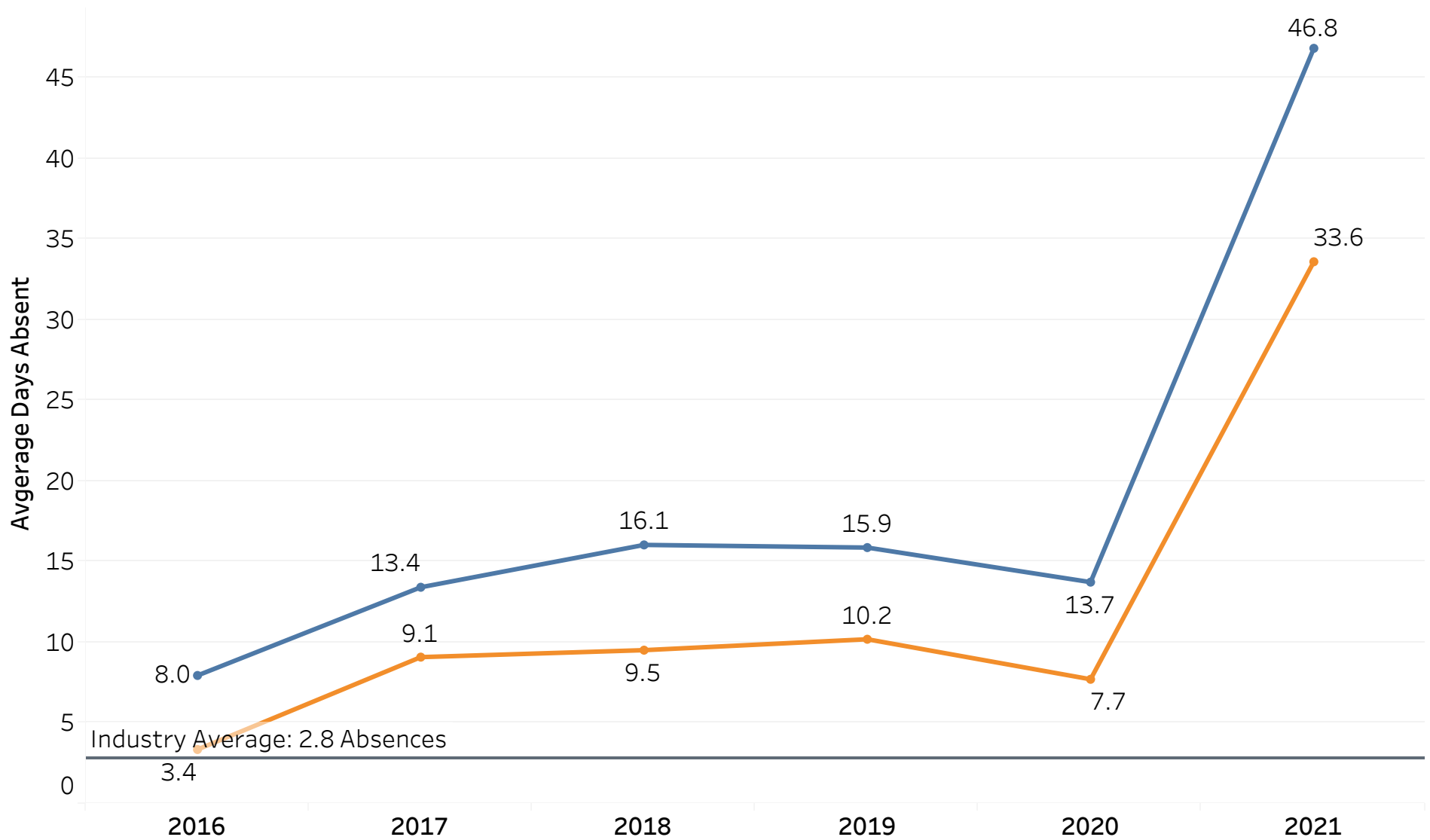




Average Days Absent

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

■ Not CTE
■ CTE





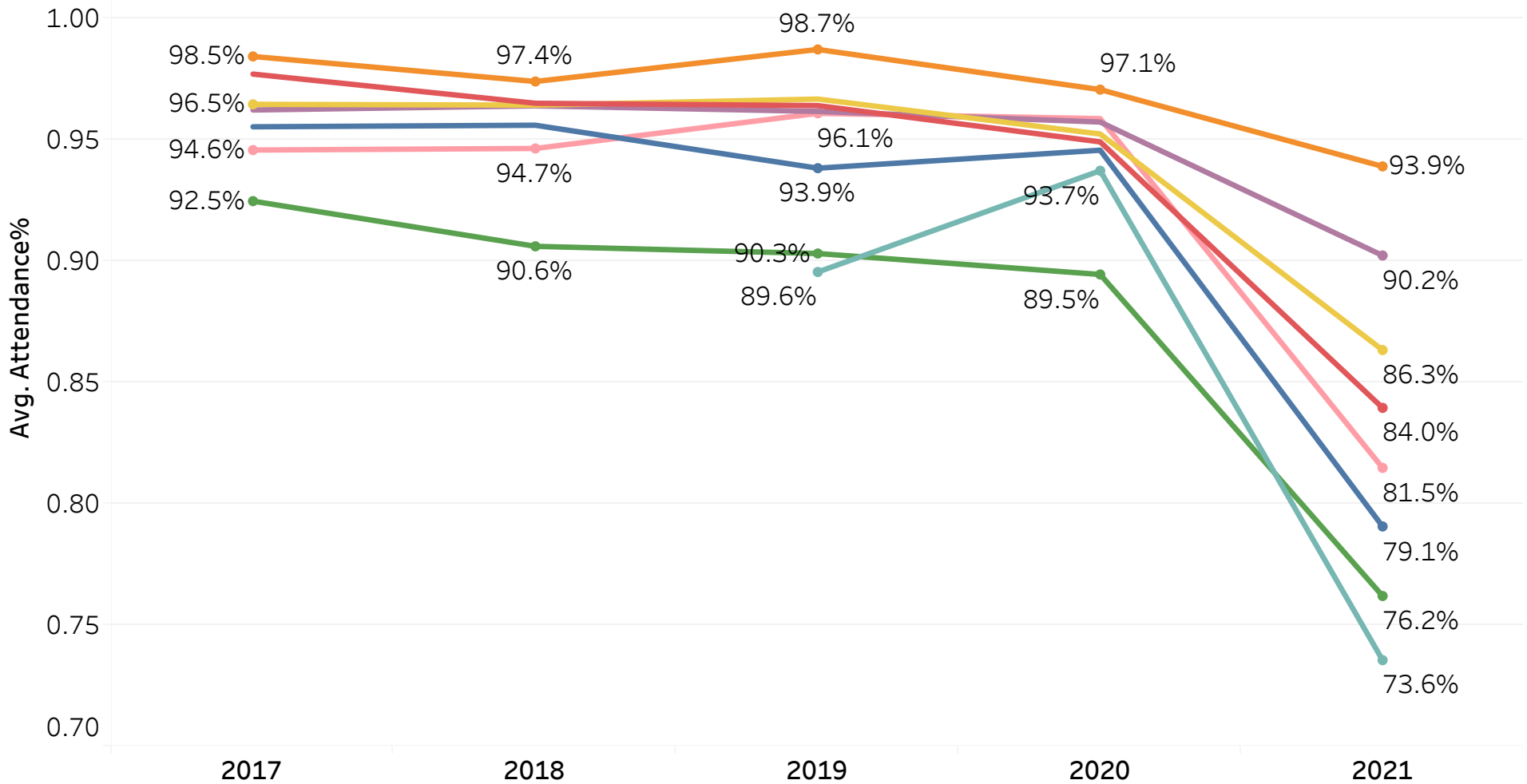
Average Daily Attendance

Among CTE HS Students in Original CTE Pathways

2016SY to 2021SY

Only Top 8 Enrollment Programs Shown

- Cybersecurity
- Mechanical Engineering Technology
- Natural Resources
- Business Technology
- Cosmetology
- Culinary Arts
- Media Communications
- Medical Assisting

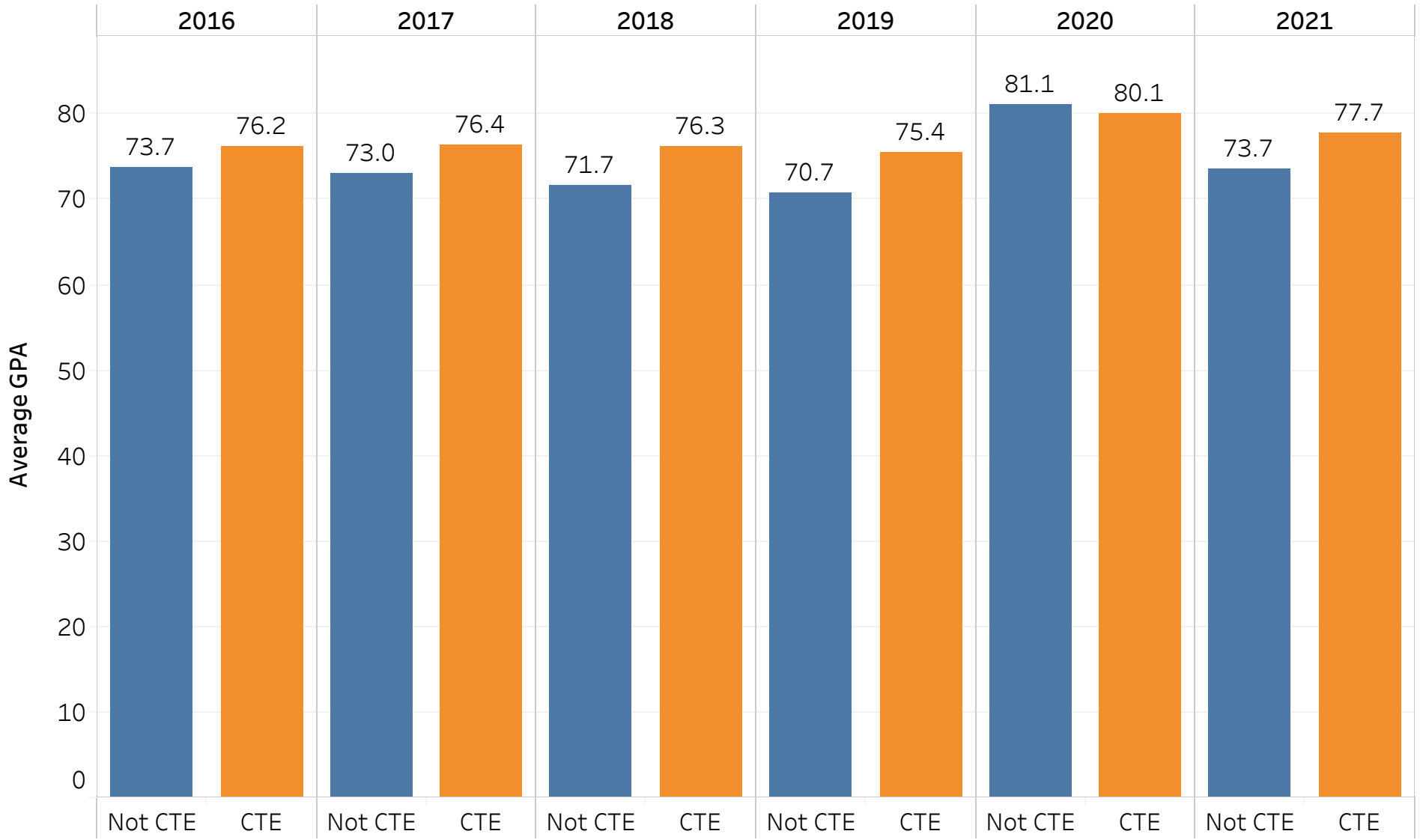




Average GPA

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

Not CTE
CTE

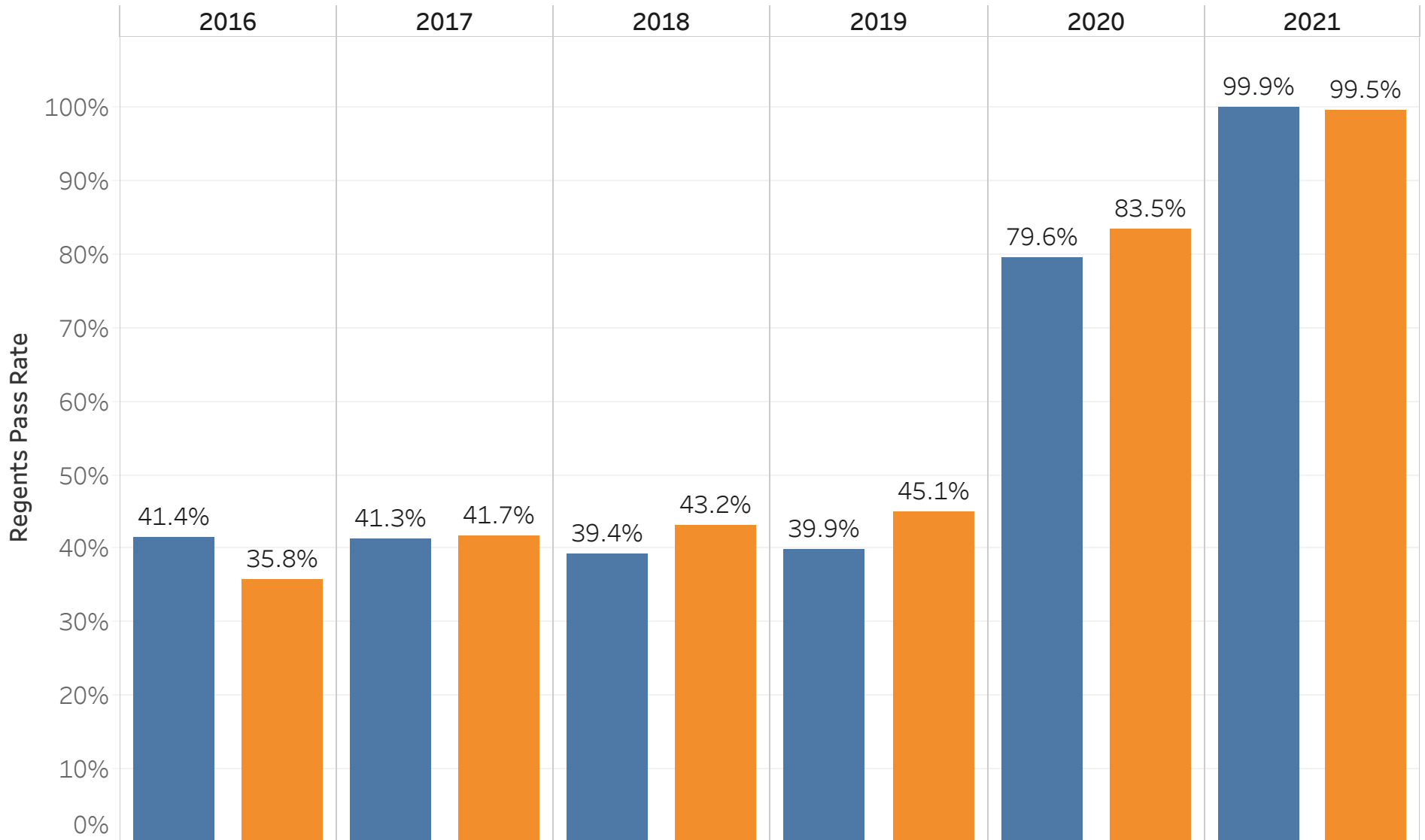




June Regents Passing Rate

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

■ Not CTE
■ CTE



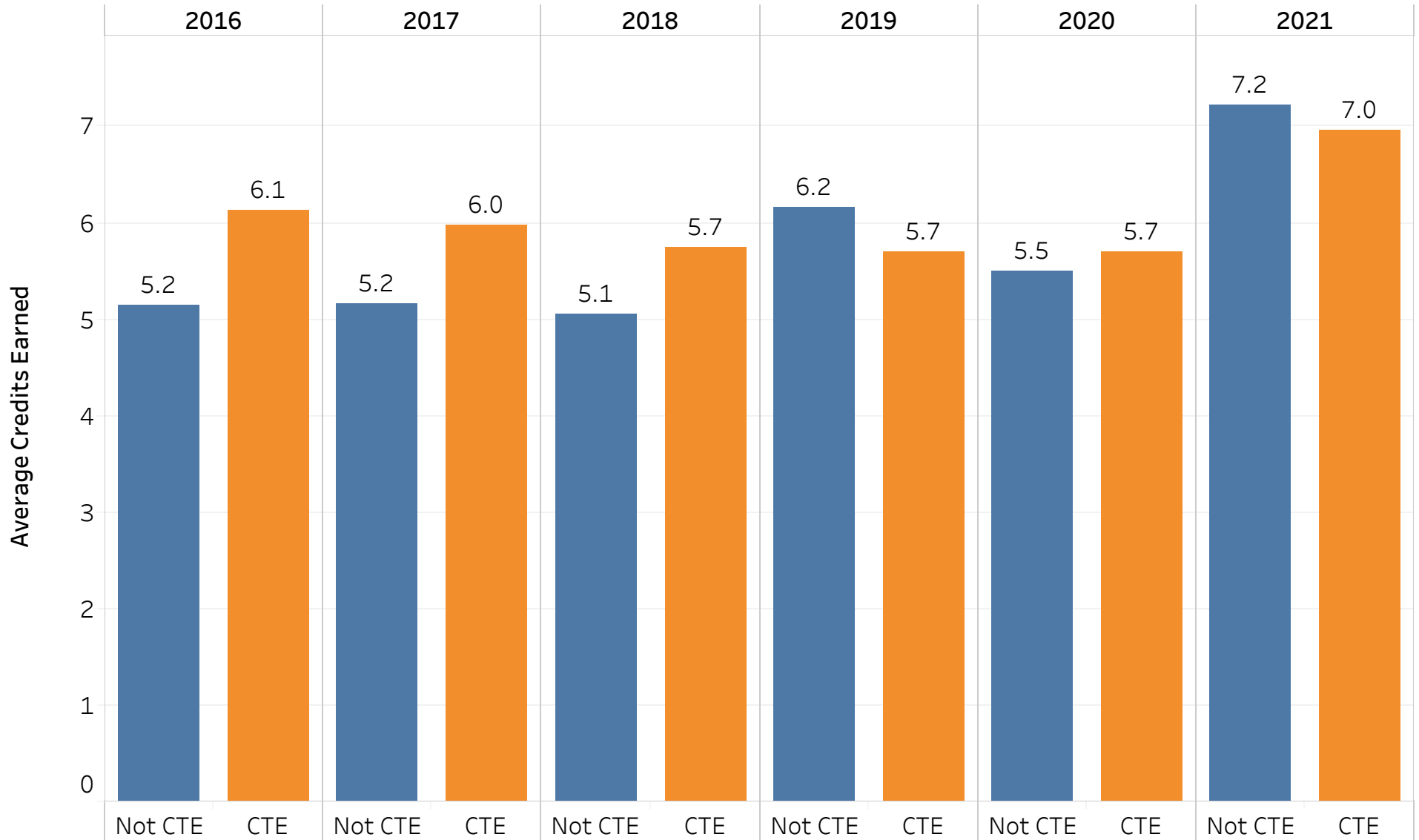
15 - ACADEMICS



Average Annual Credit Accrual

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

■ Not CTE
■ CTE





Graduation: One-Year Outcomes for 12th Graders

CTE HS Students vs. Non-CTE HS Students
2016SY to 2021SY

■ Not CTE
■ CTE

