



# Career and Technical Education Program (CTE) Data Review

Enrollment, Demographics, Attendance, Academics, and Graduation

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March 2023



# Focus Area

## **Enrollment:** Slide 3 - 4 (SIRS-313 Beds Enrollment)

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

## **Demographics:** Slide 5 - 11 (SIRS-313 Beds Enrollment)

- Ethnicity
- Gender
- IEP
- ELL
- Poverty

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

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

## **Academic Performance:** Slide 14 - 16 (eSchool/SchoolTool exports/SIRS-309/653 Annual Regents )

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

## **Graduation:** Slide 17 (SIRS-201 Total Cohort)

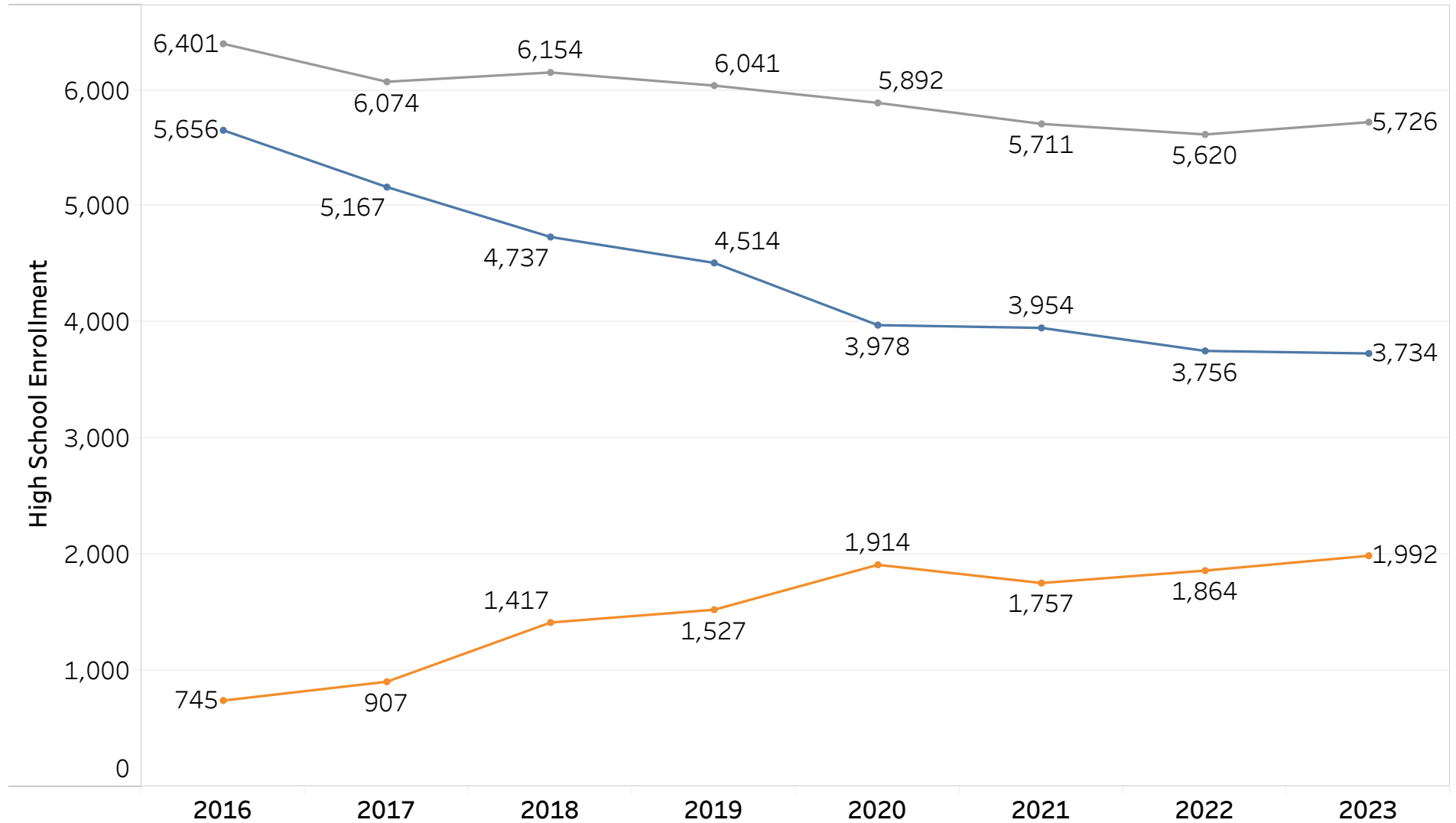
- 4 Year Outcomes by Cohort



# Enrollment

CTE HS Students vs. HS Non CTE Students  
(Total Shown in Gray)  
2016SY to 2023SY

■ Not CTE  
■ CTE

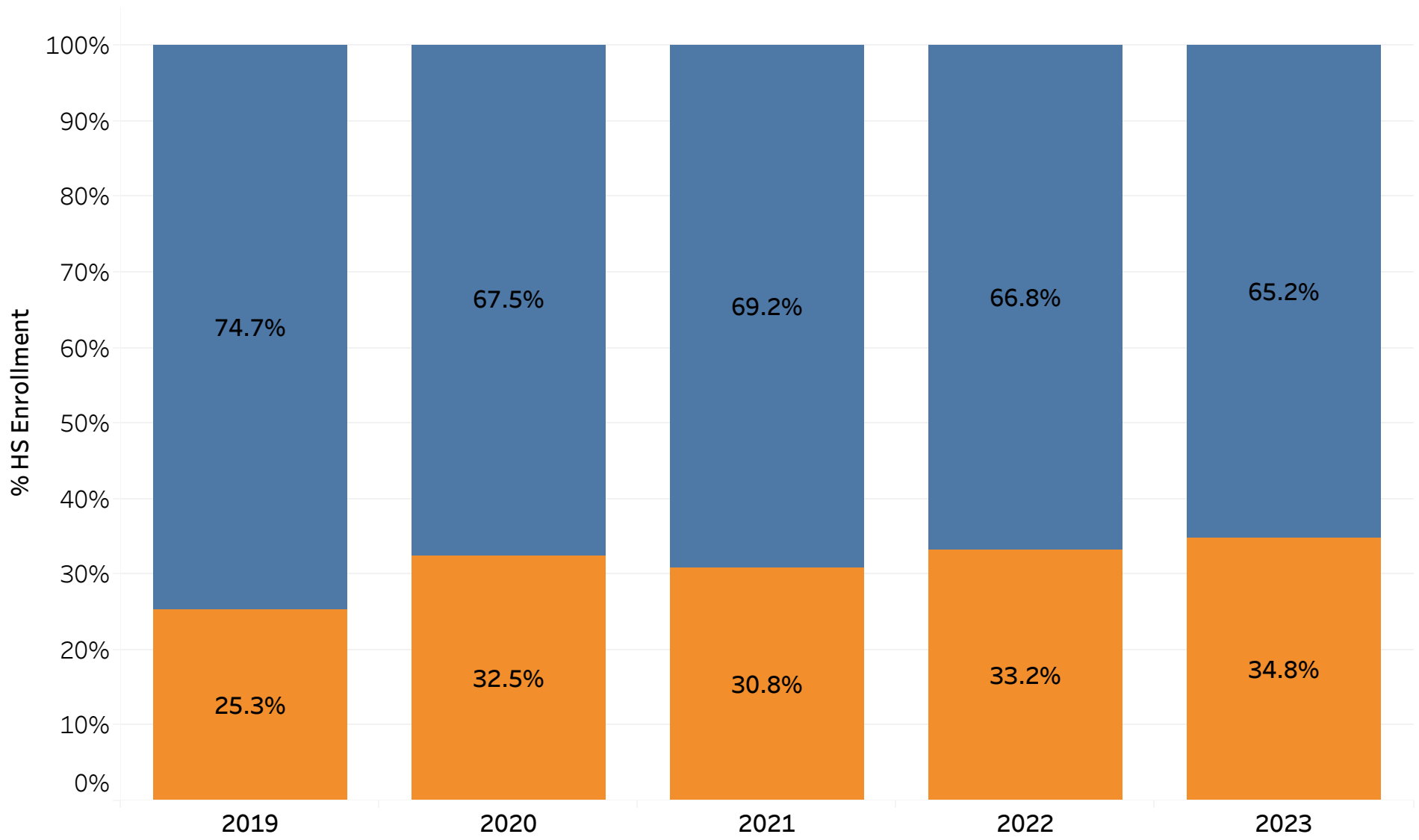




# Enrollment

CTE HS Students vs. HS Non CTE Students  
2019SY to 2022SY

Not CTE  
CTE



3 - ENROLLMENT



# HS Enrollment by CTE Program

2019SY to 2023SY

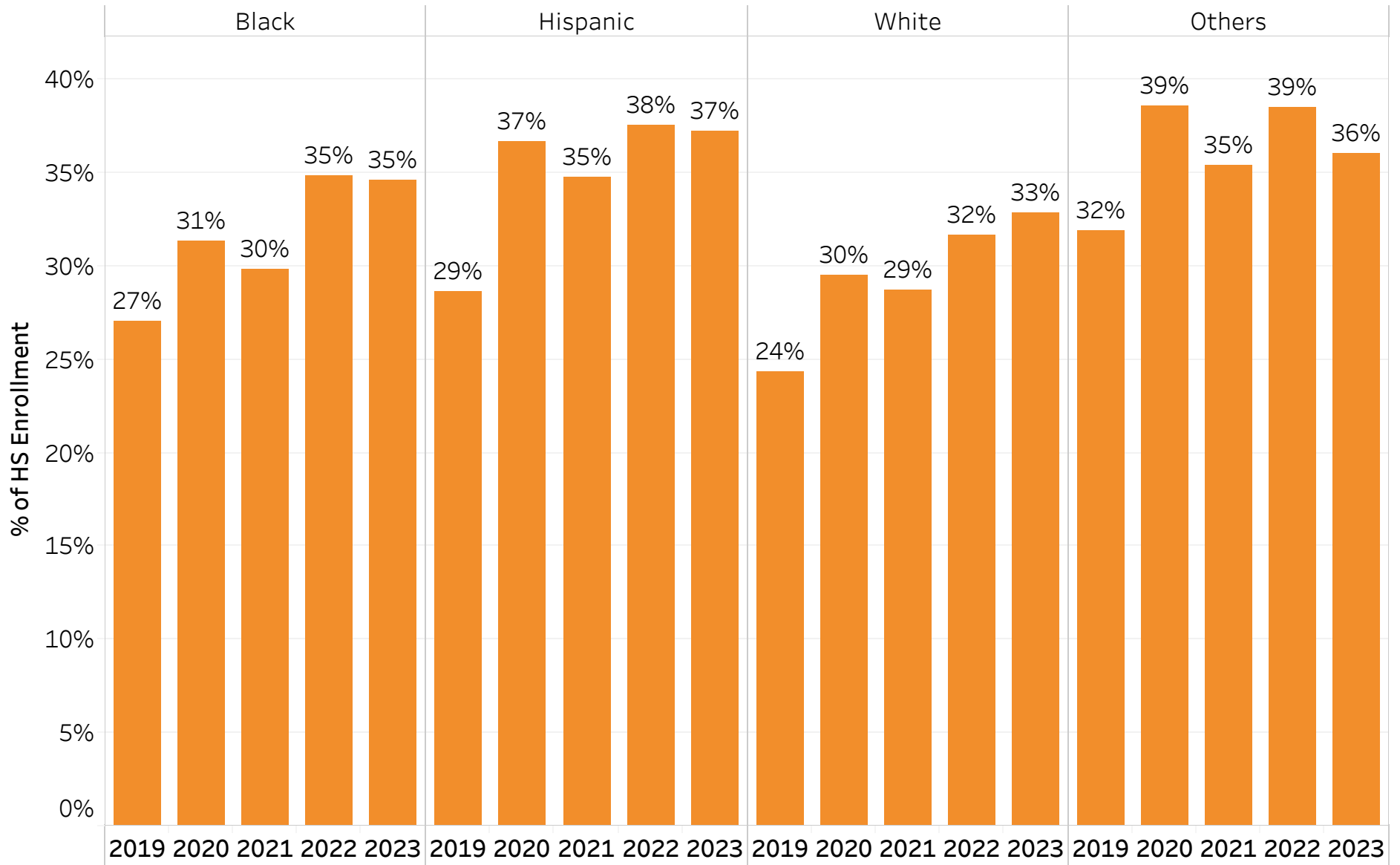
Updated Feb 2023

CTE Program Name	2019	2020	2021	2022	2023
Automotive	56	71	82	78	80
Barbering	47	62	66	81	78
Biotechnology	22	34	70	75	62
Business Technology	87	82	89	160	150
Clinical Lab Technology	30	44	39	32	35
Computer Forensics	43	78	37	38	57
Computer Information Systems	19	33	42	56	70
Construction Technology	62	100	80	80	78
Cosmetology	71	104	104	102	124
Culinary Arts	91	109	113	102	99
Cybersecurity	74	43	56	60	67
Drone Technology	39	55	37	38	56
Electrical Engineering Technology	24	8	14		
Electrical Trades	69	76	59	59	68
Emergency Medical Technician	62	93	54	56	72
Fire/Rescue	45	45	30	42	43
Forensic Science	50	71	52	66	75
Geospatial Technology	34	34	30	34	28
Health Information Technology	13	29	20	23	18
Health Professions	53	71	78	84	96
Law Enforcement	77	87	93	84	87
Manufacturing Technology		16	20	24	31
Mechanical Engineering Technol..	115	164	138	141	149
Media Communications	86	105	99	106	107
Medical Assisting	73	70	58	47	58
Natural Resources	77	78	77	67	73
NJROTC	73	74	48	64	61
Urban Teacher Preparation	18	24	26	23	25
Welding	17	54	46	42	45
<b>Grand Total</b>	<b>1,527</b>	<b>1,914</b>	<b>1,757</b>	<b>1,864</b>	<b>1,992</b>



# CTE Percentage by Ethnicity

2019SY to 2023SY



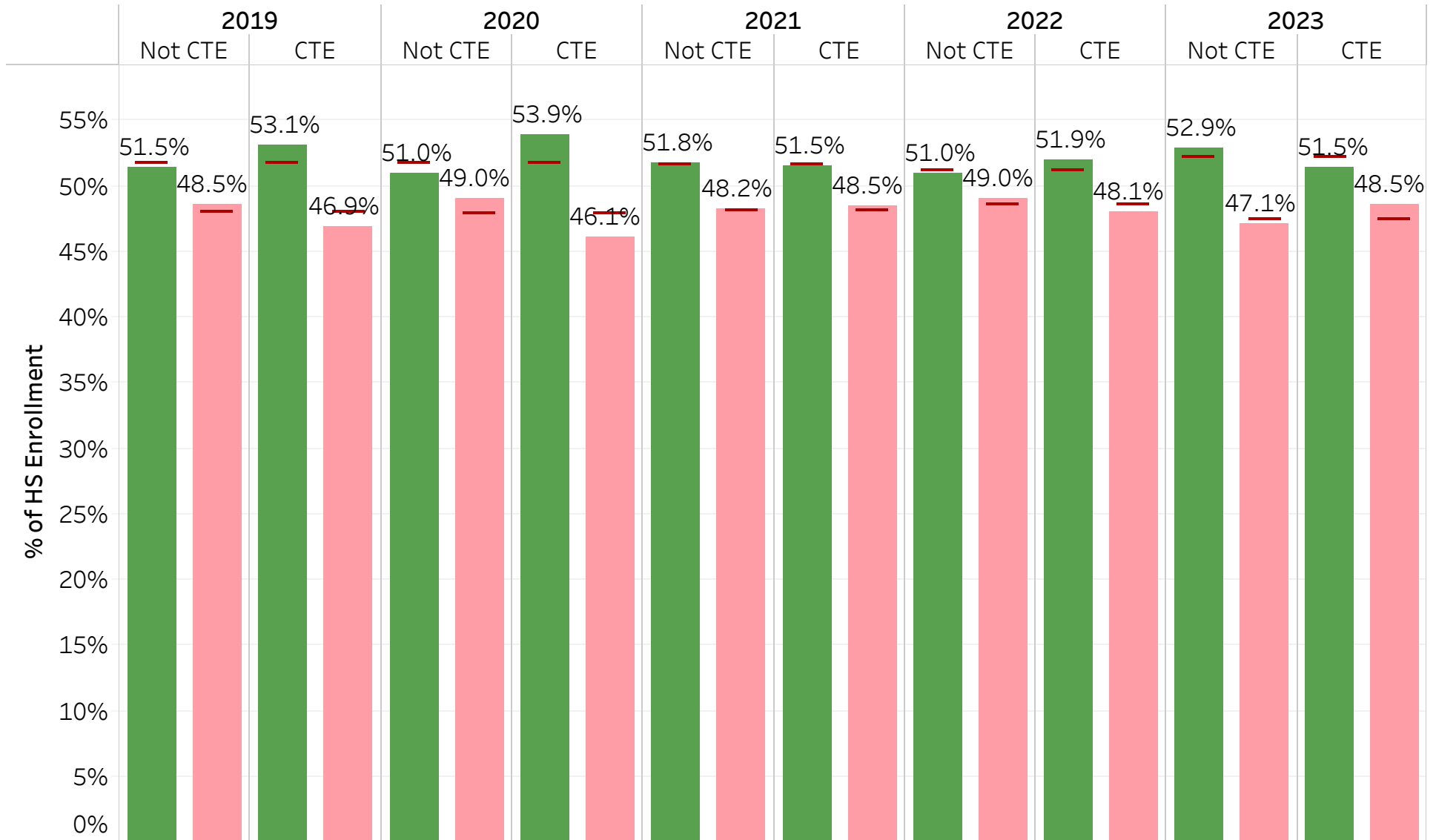


# High School Enrollment by Gender

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

2019SY to 2023SY

Male  
Female

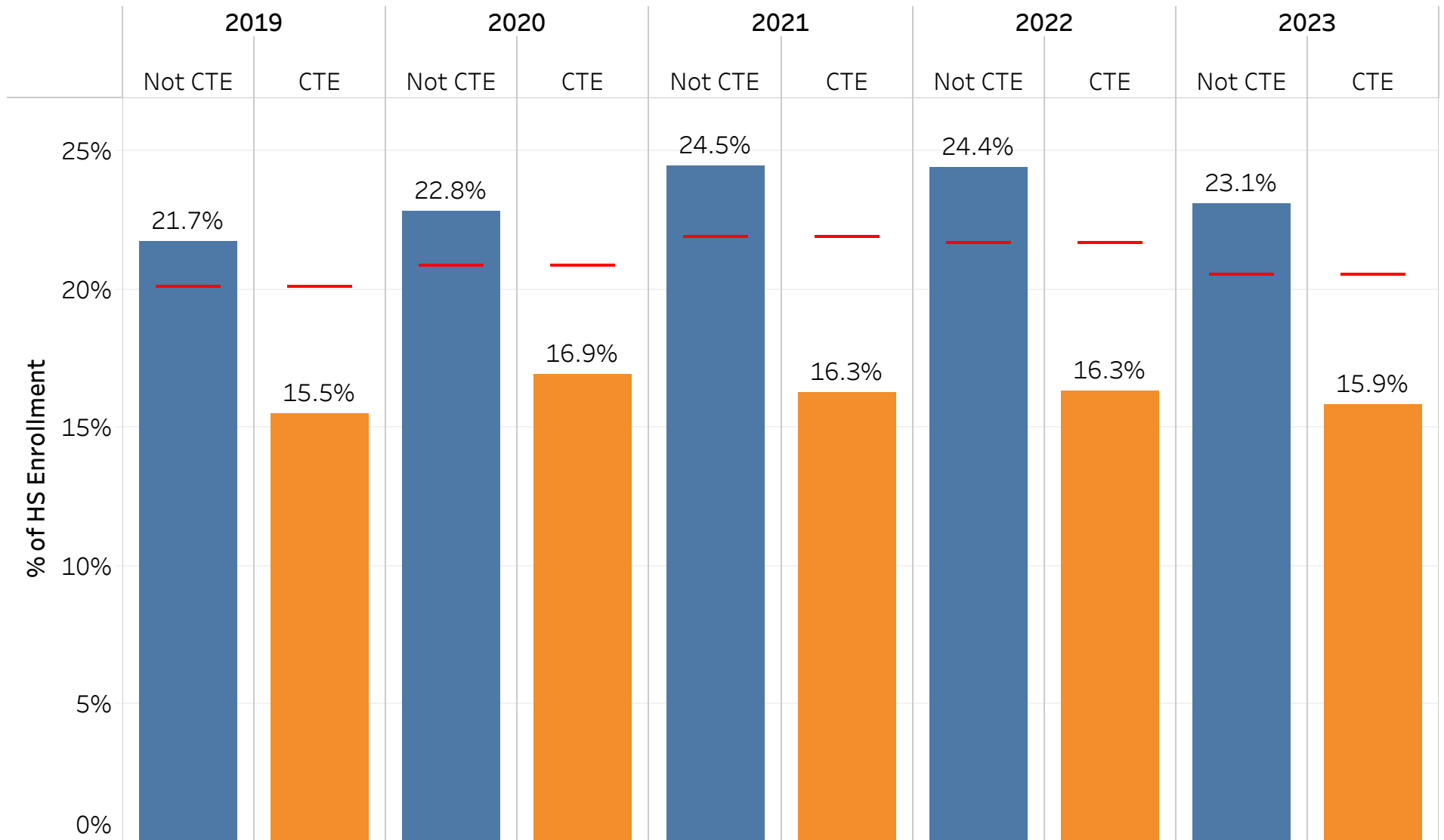




# HS Enrollment: Students with a Disability

CTE HS Students vs. Non-CTE HS Students  
2019SY to 2023SY

Not CTE  
CTE

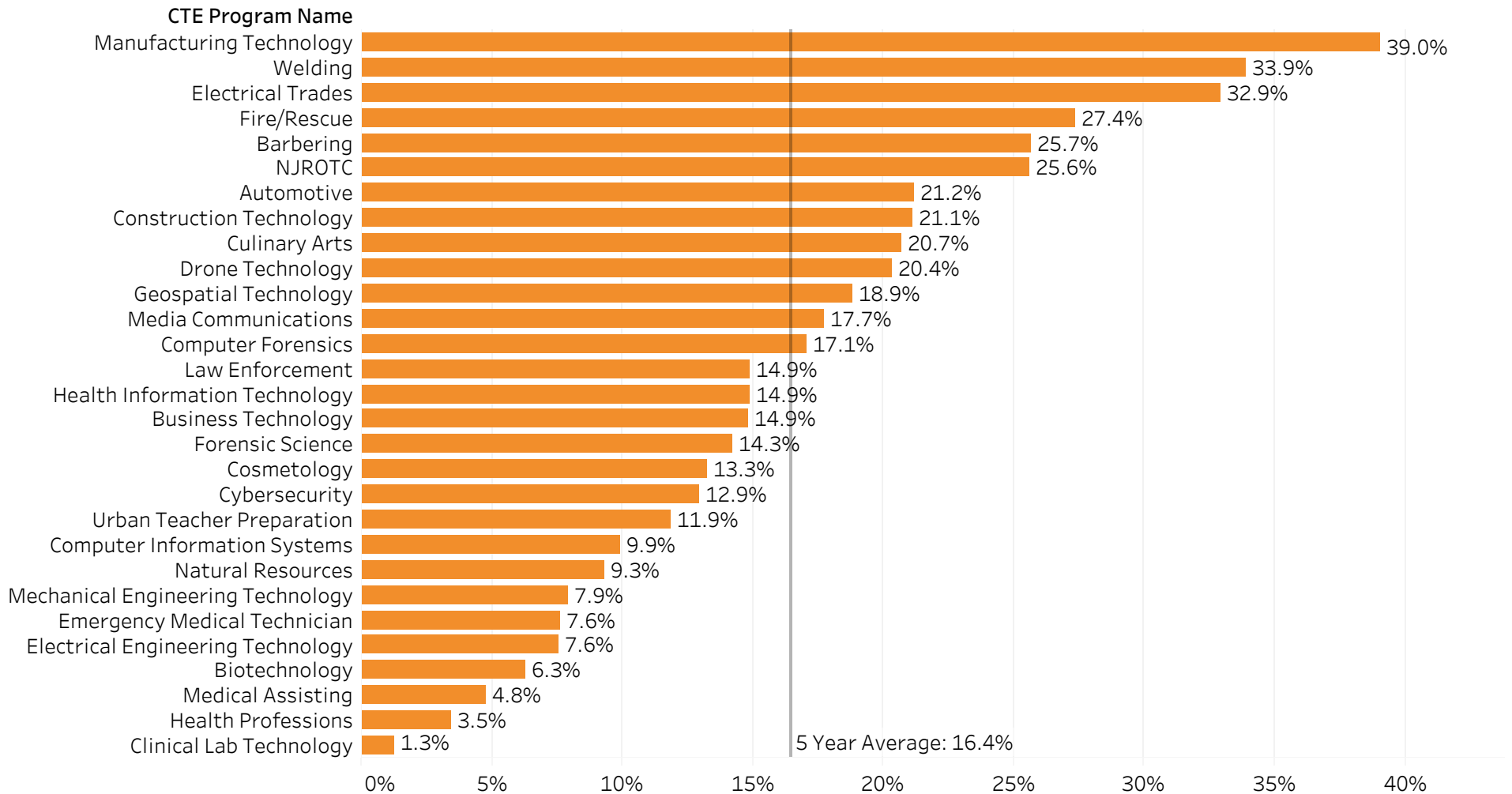






# SWD Enrollment by CTE Program

2019SY to 2023SY  
(5 Year Average)

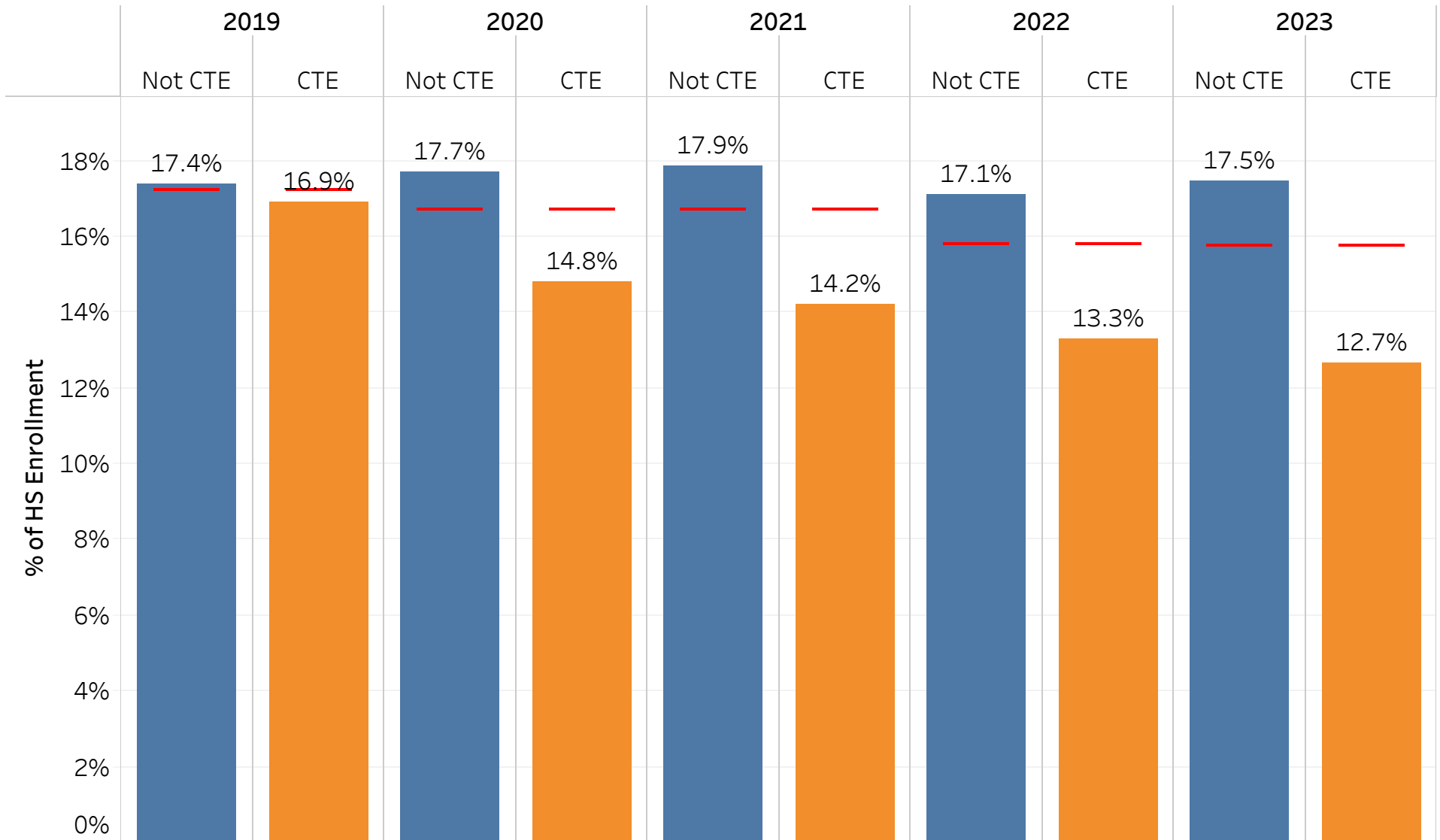




# HS Enrollment: English Language Learners

CTE HS Students vs. Non-CTE HS Students  
2019SY to 2023SY

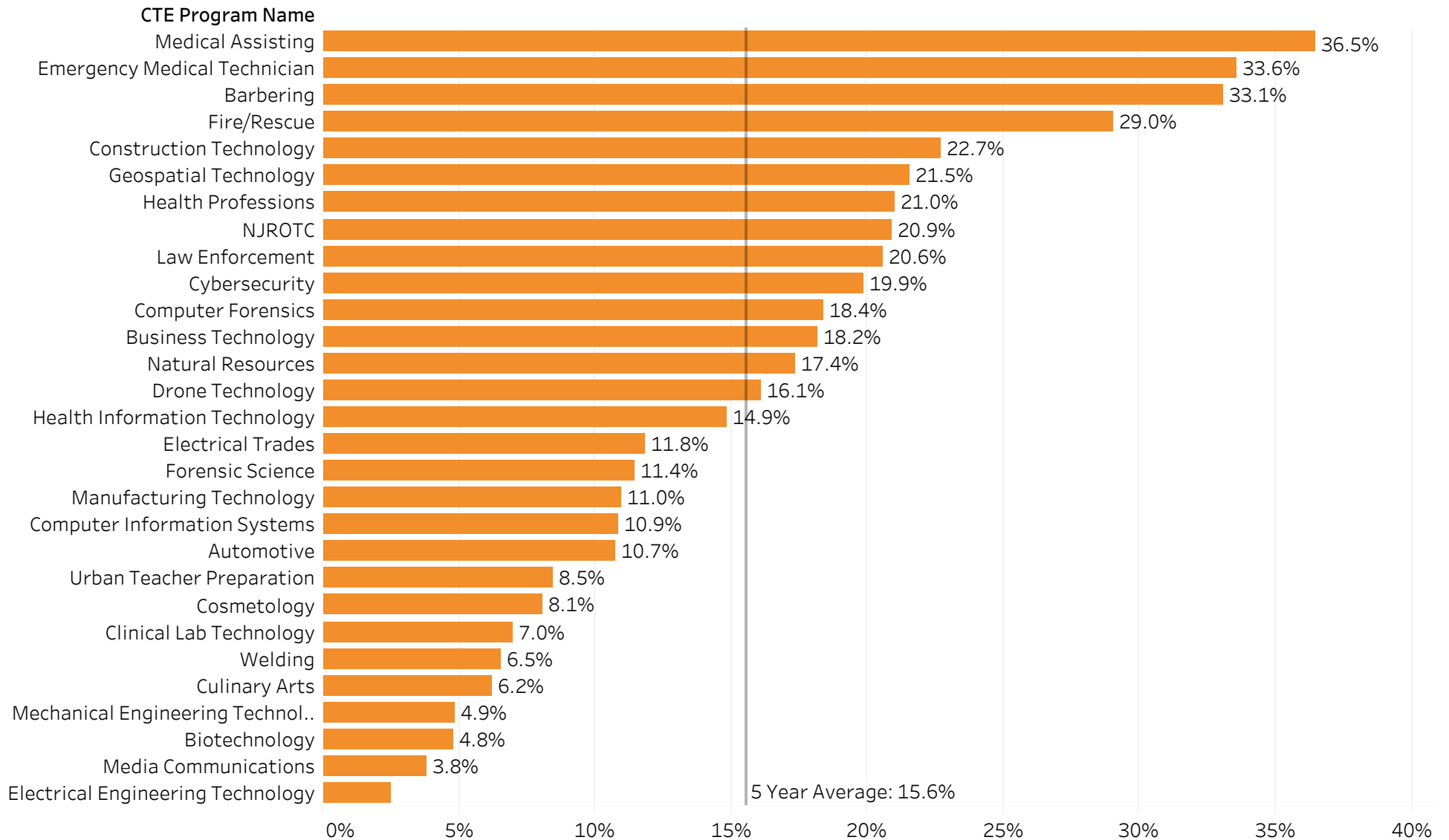
Not CTE  
CTE





# ELL Enrollment by CTE Program

2019SY to 2023SY  
(5 Year Average)

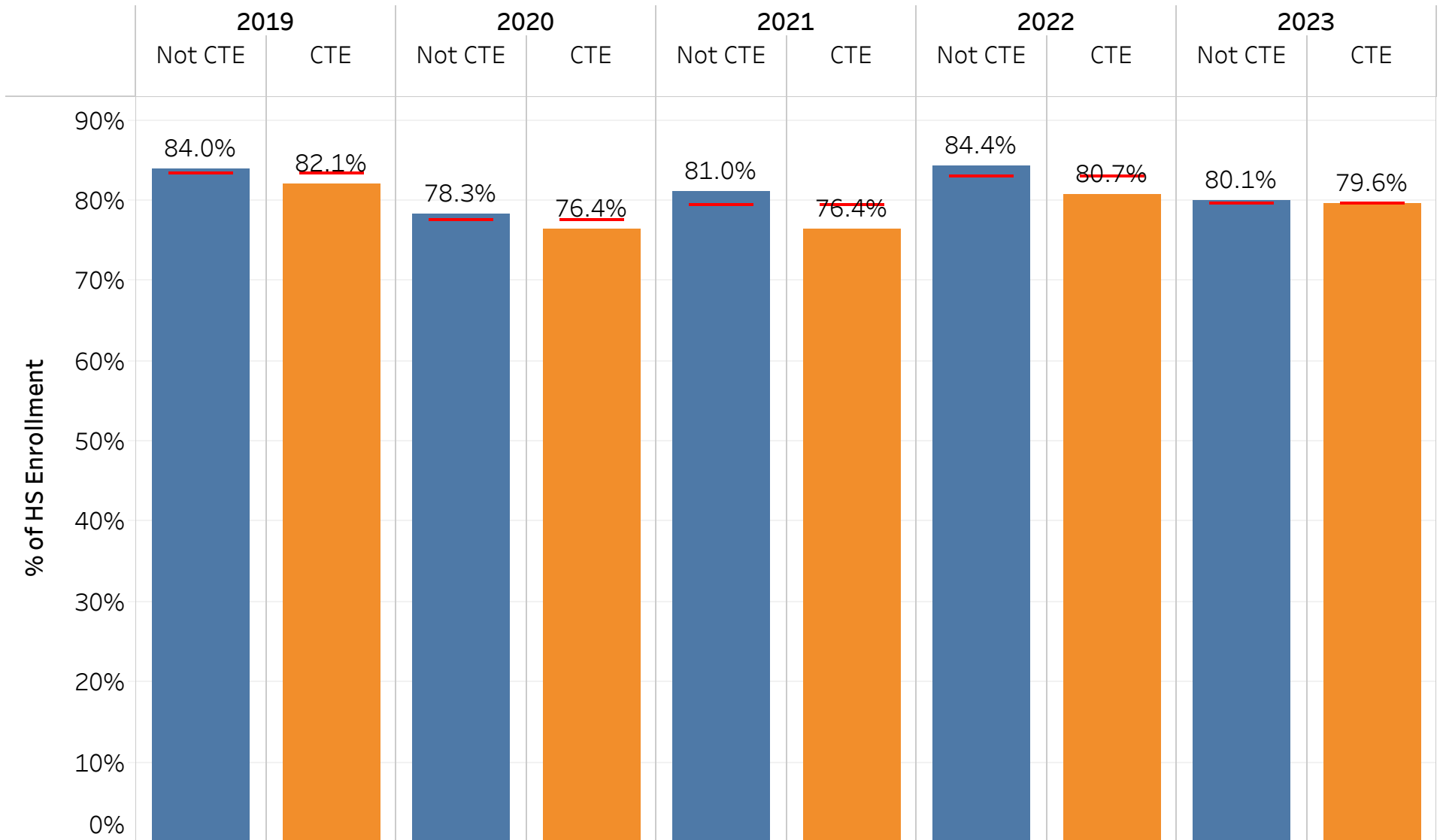




# HS Enrollment: Economically Disadvantaged

CTE HS Students vs. Non-CTE HS Students  
2019SY to 2023SY

Not CTE  
CTE

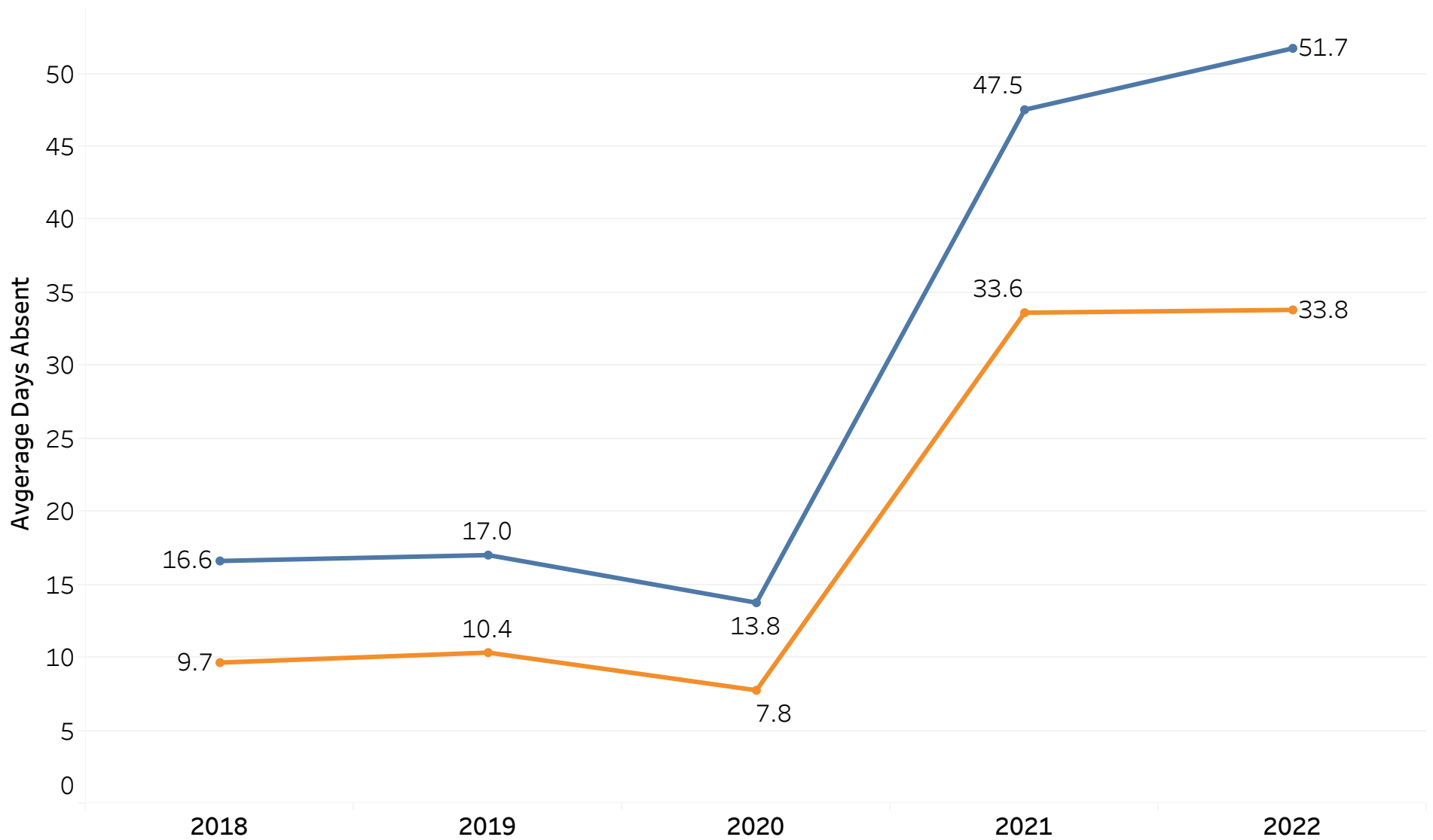




# Average Days Absent

CTE HS Students vs. Non-CTE HS Students  
2018SY to 2022SY

Not CTE  
CTE



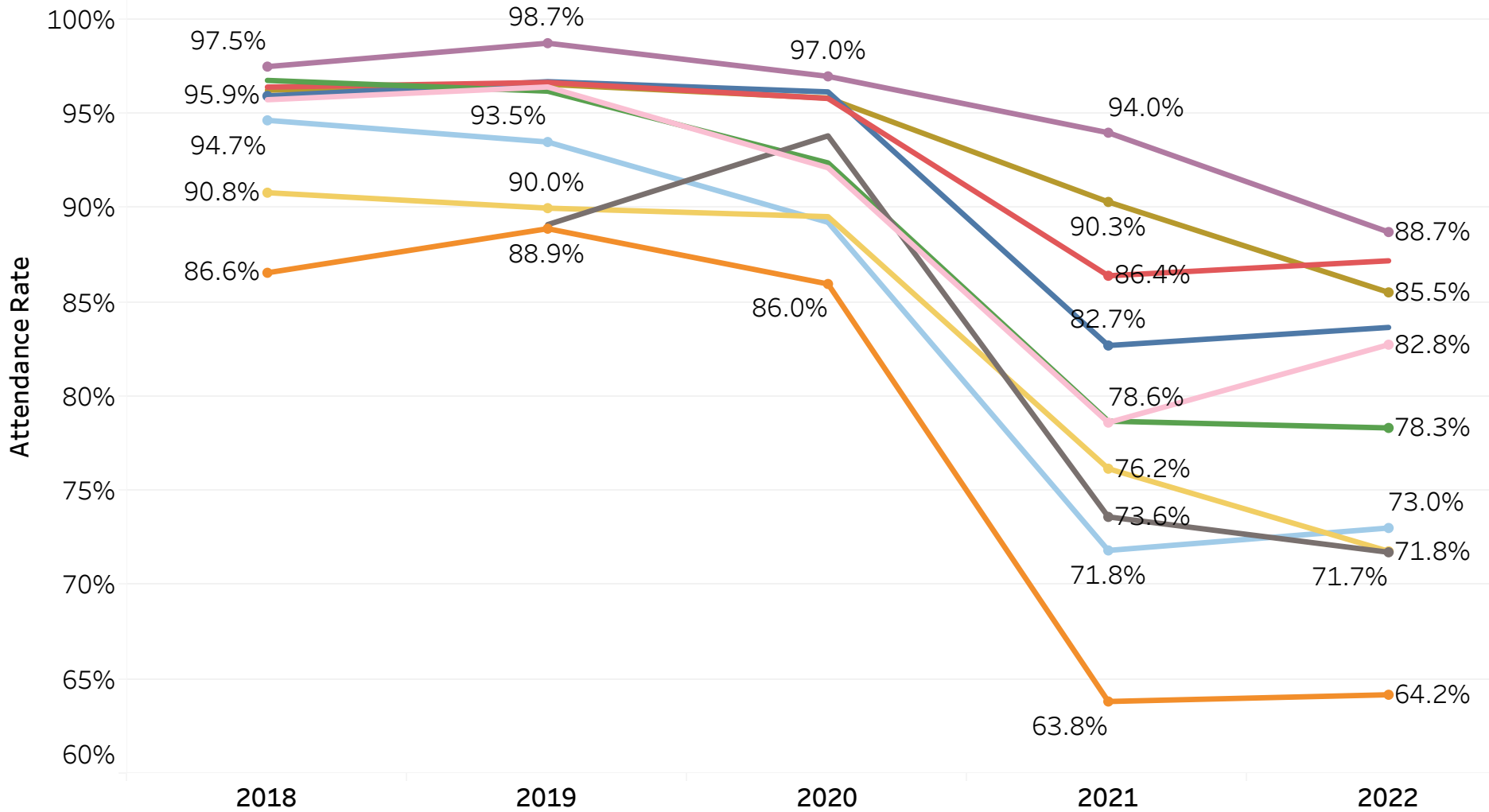


# Average Daily Attendance

Among CTE HS Students in Original CTE Pathways  
2018SY to 2022SY

Only Top 10 Enrollment Programs Shown

- Automotive
- Barbering
- Business Techn..
- Construction Te..
- Cosmetology
- Culinary Arts
- Health Professi..
- Law Enforceme..
- Mechanical Eng..
- Media Communi..

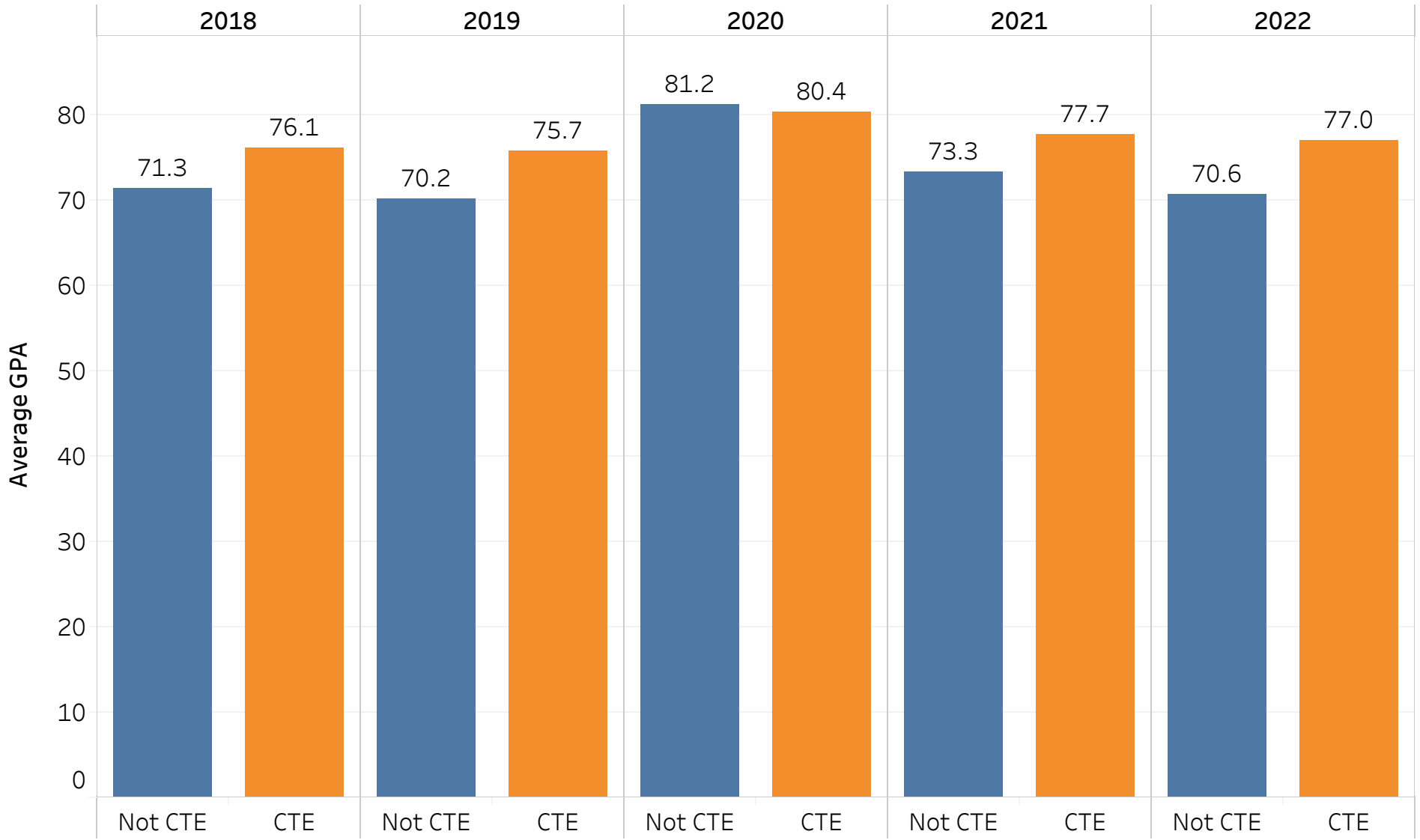




# Average GPA

CTE HS Students vs. Non-CTE HS Students  
2018SY to 2022SY

Not CTE  
CTE

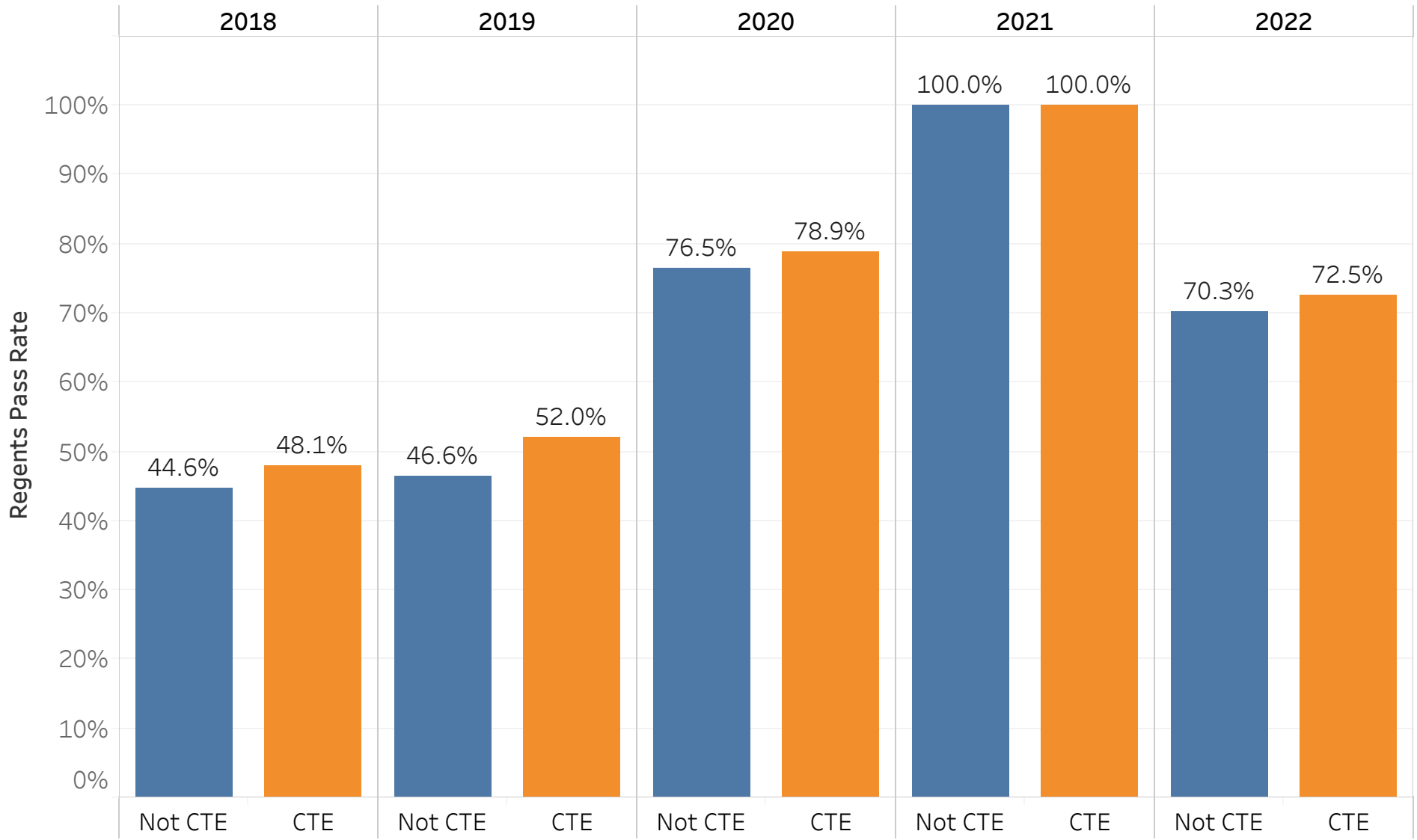




# Regents Passing Rate

CTE HS Students vs. Non-CTE HS Students  
2018SY to 2022SY

Not CTE  
CTE



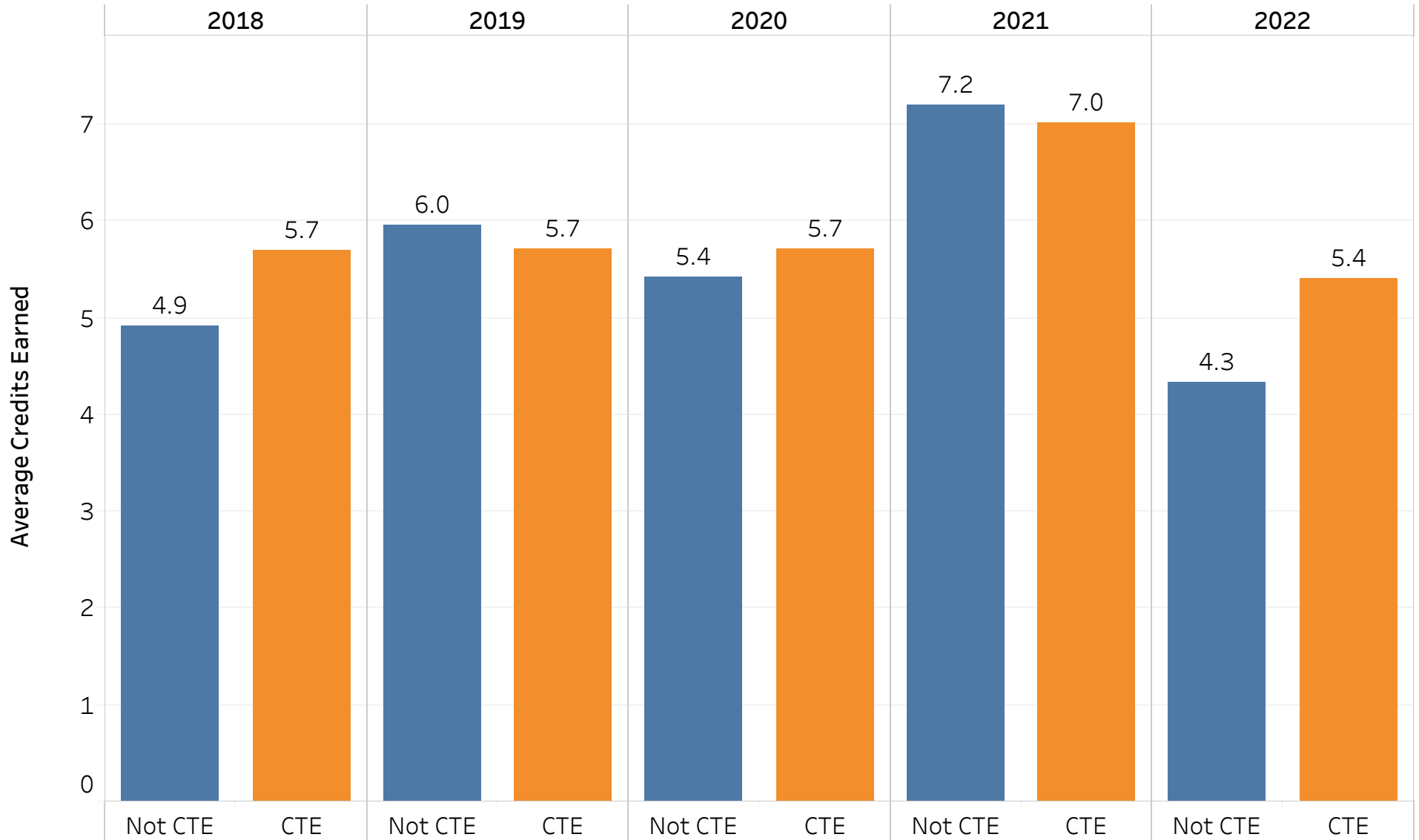




# Average Annual Credit Accrual

CTE HS Students vs. Non-CTE HS Students  
2018SY to 2022SY

Not CTE  
CTE





# Graduation: 4 Year Outcomes by Cohort

Not CTE  
CTE

Results Through August  
CTE HS Students vs. Non-CTE Students  
Cohort 2015 to Cohort 2018

