Career and Technical Education Program (CTE) Data Review

Enrollment, Attendance, Academics, and Demographics

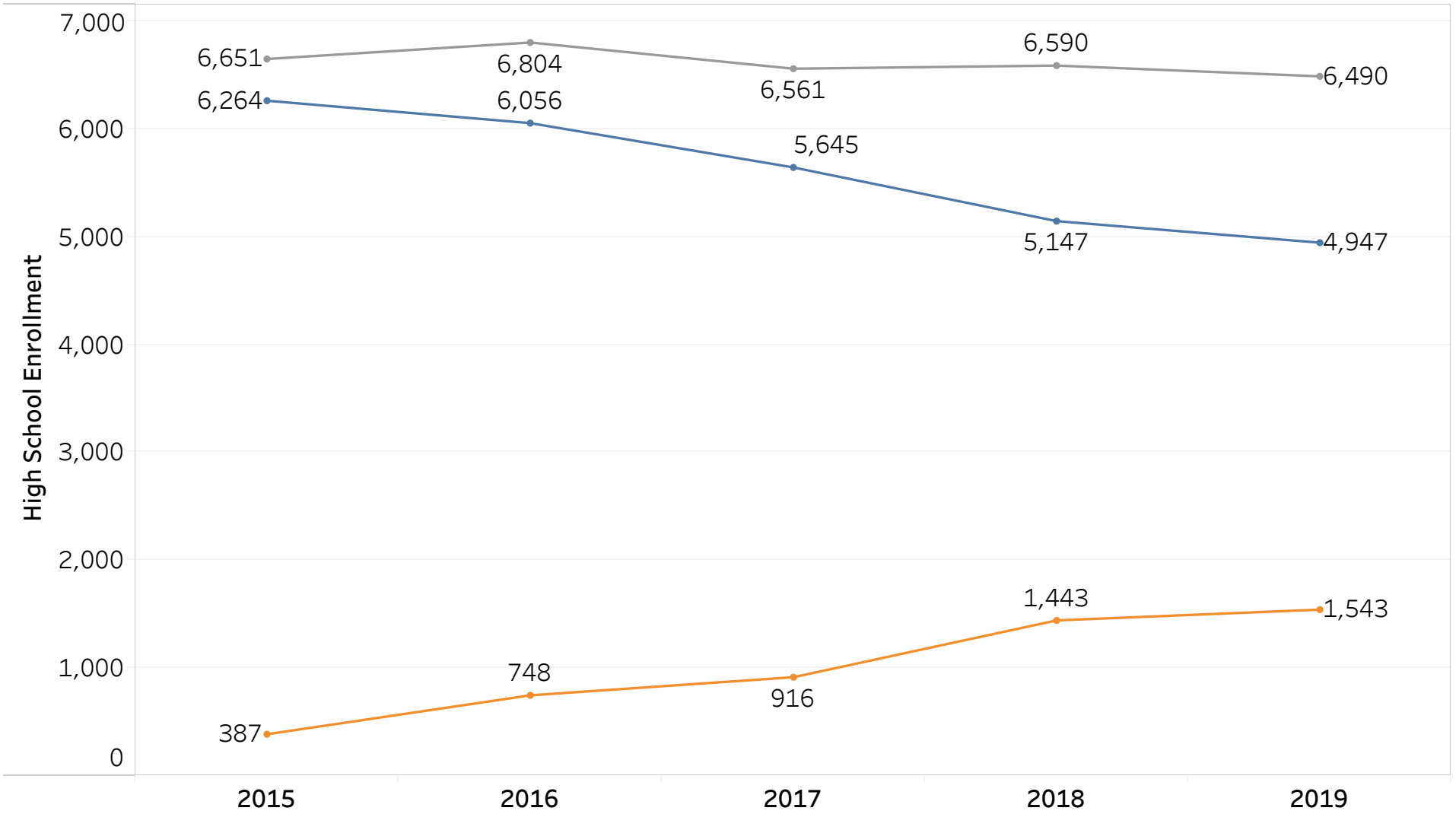
November 2019

Focus Areas

- **Enrollment**
  - Trends in overall CTE Enrollment among SCSD High School students
  - Trends in CTE Enrollment within specific CTE Programs
- **Demographics**
  - Ethnicity
  - Gender
  - IEP
  - ELL
  - Poverty
- **Attendance**
  - Average Days Absent (CTE vs. Non-CTE)
  - Average Daily Attendance Rate (Among Original CTE Programs)
- **Academic Performance**
  - Grade Point Average (GPA)
  - Regents Passing Rates
  - Credit Accrual
  - Graduation One-Year Outcomes for 12th Graders

Enrollment

CTE HS Students vs. HS Non CTE Students
(Total Shown in Gray)
2015SY to 2019SY



HS Enrollment by CTE Program

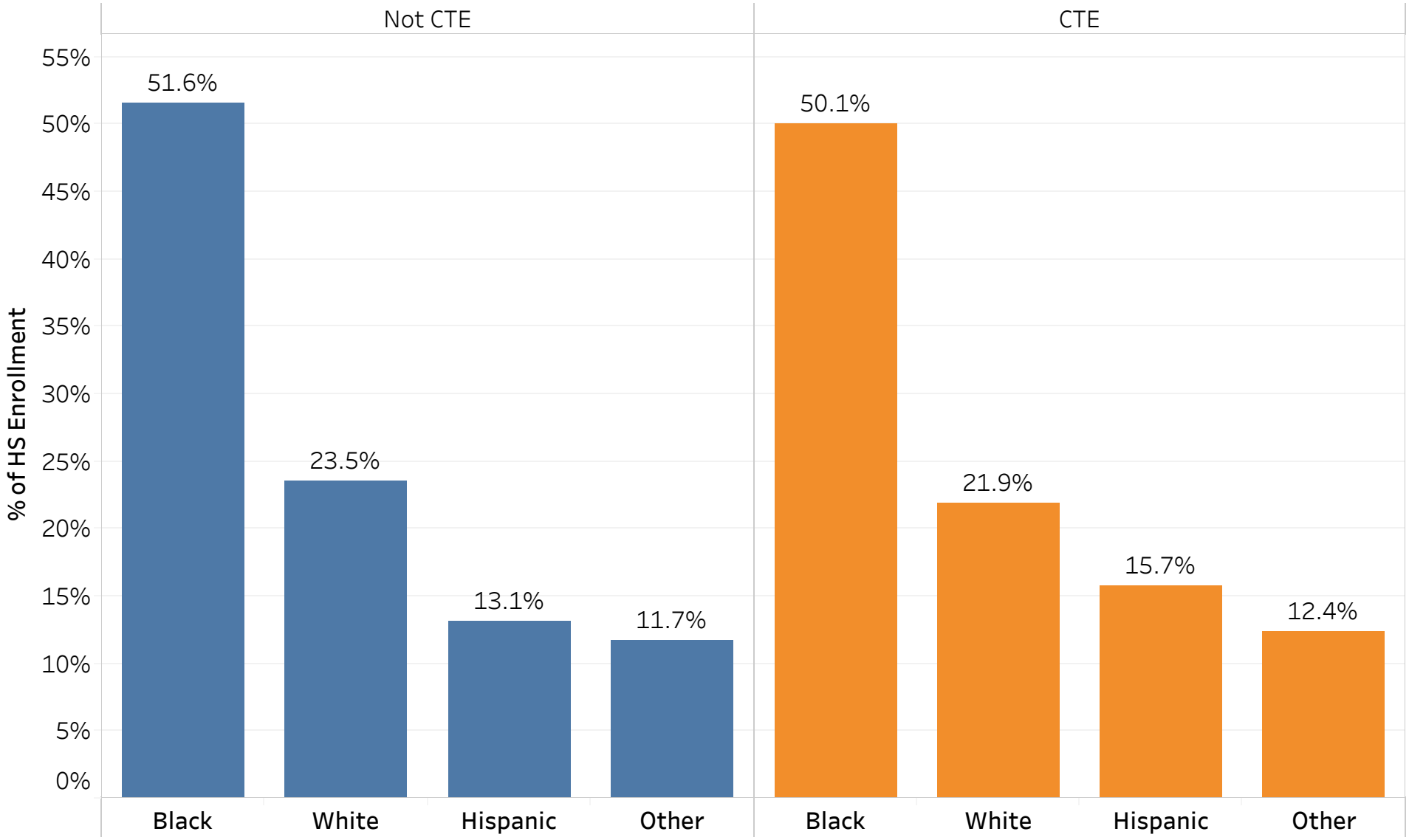
2015SY to 2019SY

Updated Oct 2019

CTE Program	2015	2016	2017	2018	2019
Automotive	64	67	51	58	56
Barbering		36	31	54	48
Biotechnology					22
Business Technology					91
Clinical Laboratory Technician			20	30	30
Computer Forensics		27	45	43	43
Computer Information Systems					19
Construction Technology			31	51	64
Cosmetology	44	58	54	99	72
Culinary Arts	84	91	85	83	92
Cybersecurity		9	16	61	74
Drone Technology			9	33	39
Electrical Engineering Technology			16	15	24
Electrical Trades	97	57	63	91	69
EMT		47	28	72	62
Fire/Rescue		22	21	33	46
Forensic Science		15	24	49	50
Geospatial Technology		3	11	25	35
Health Information Technology			15	19	13
Health Professions				51	53
Law Enforcement		30	43	77	77
Mechanical Engineering Technology		89	115	136	115
Media Communications	68	65	74	105	86
Medical Assisting		37	50	50	73
Natural Resources		30	47	69	77
NJROTC	15	50	51	87	76
Urban Teacher Preparation				7	18
Welding	15	15	16	45	19
Grand Total	**387**	**748**	**916**	**1,443**	**1,543**

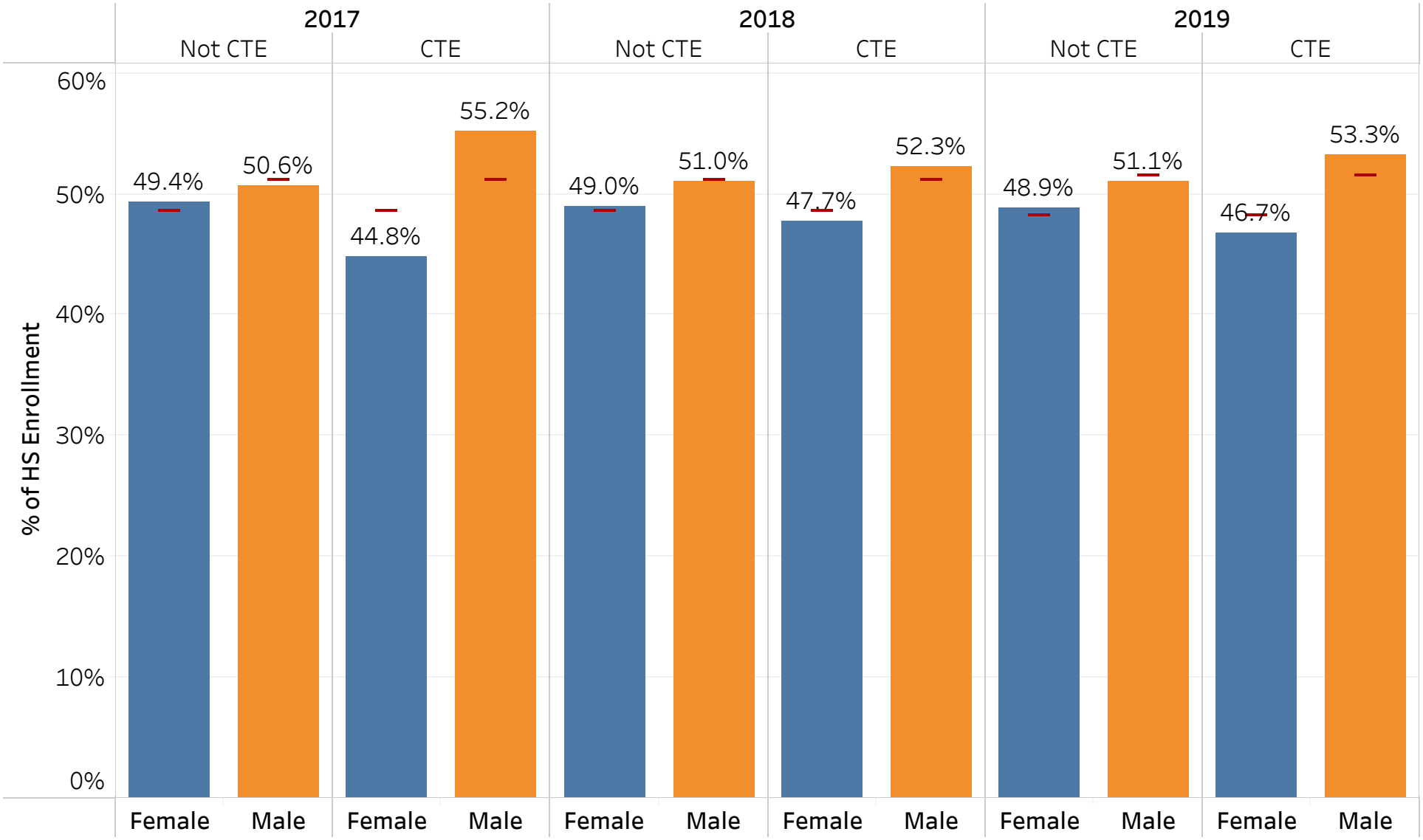
High School Student Ethnicity

CTE HS Students vs. Non-CTE HS Students
2015SY to 2019SY (5-Year Average)



High School Enrollment by Gender

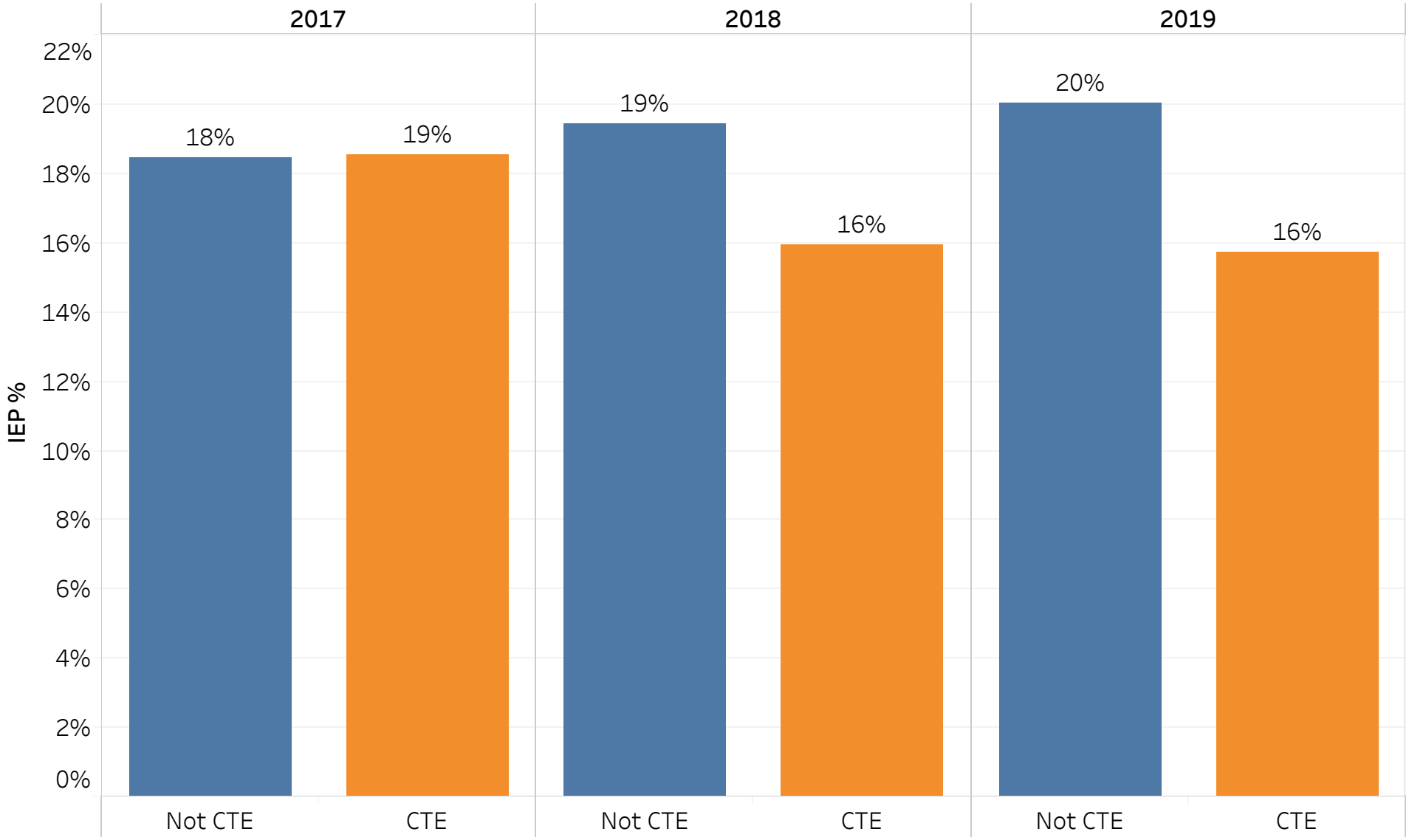
(District HS Average for Each Year Displayed as Short Red Bar)
2017SY to 2019SY



6 - DEMOGRAPHICS

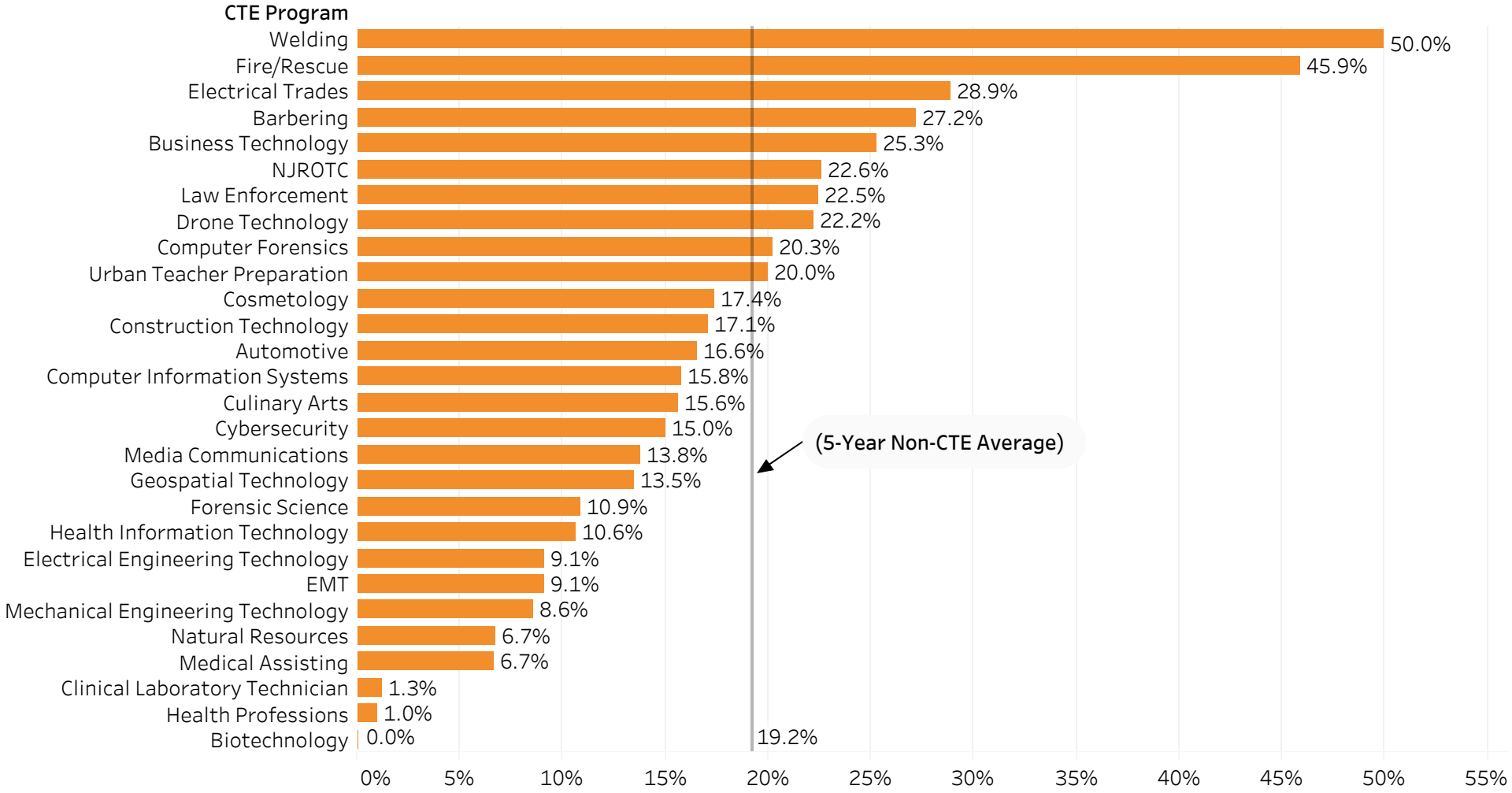
HS Enrollment: Students with a Disability

CTE HS Students vs. Non-CTE HS Students
2017SY to 2019SY



SWD Enrollment by CTE Program

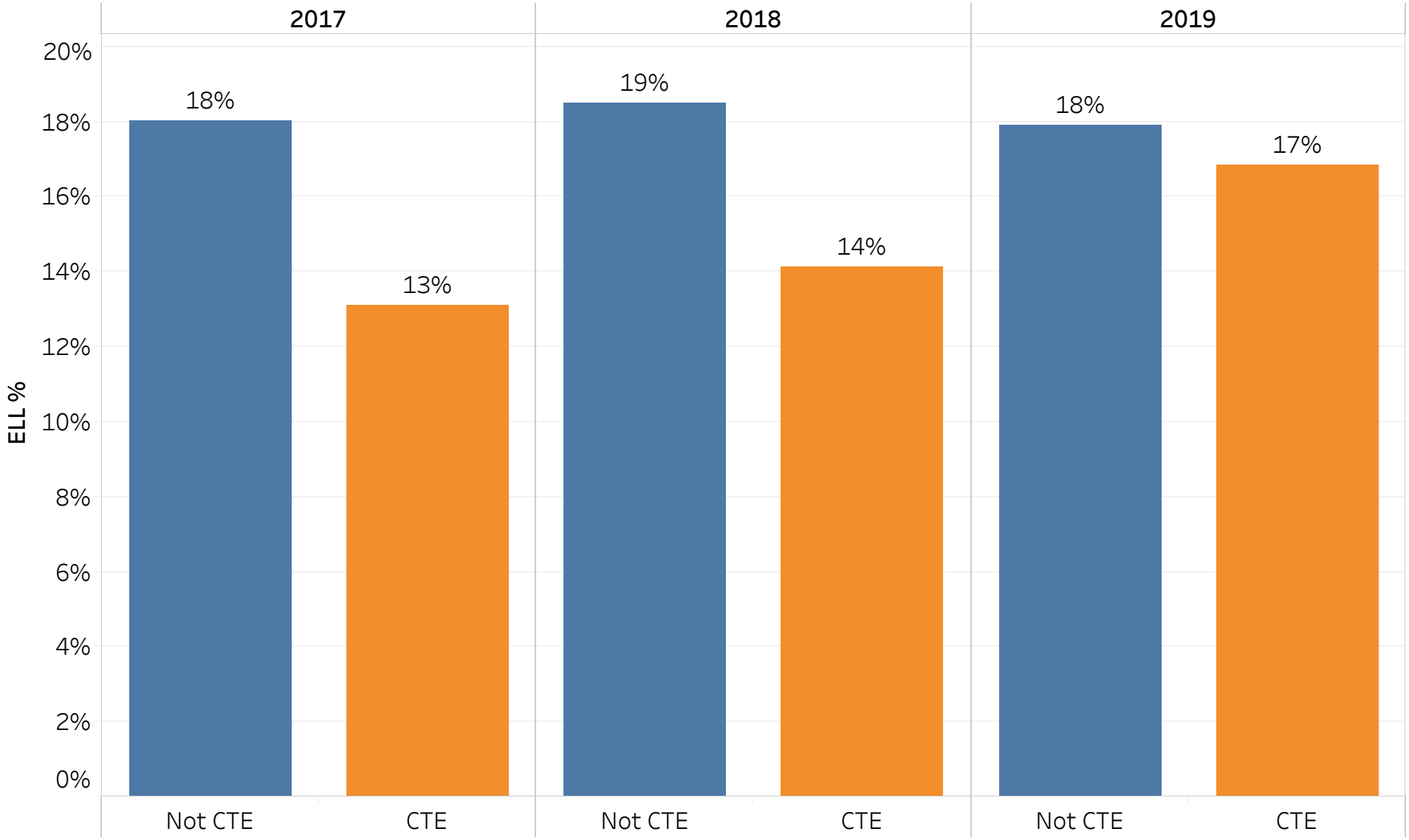
2015SY to 2019SY
(5-Year Average)



8 - DEMOGRAPHICS

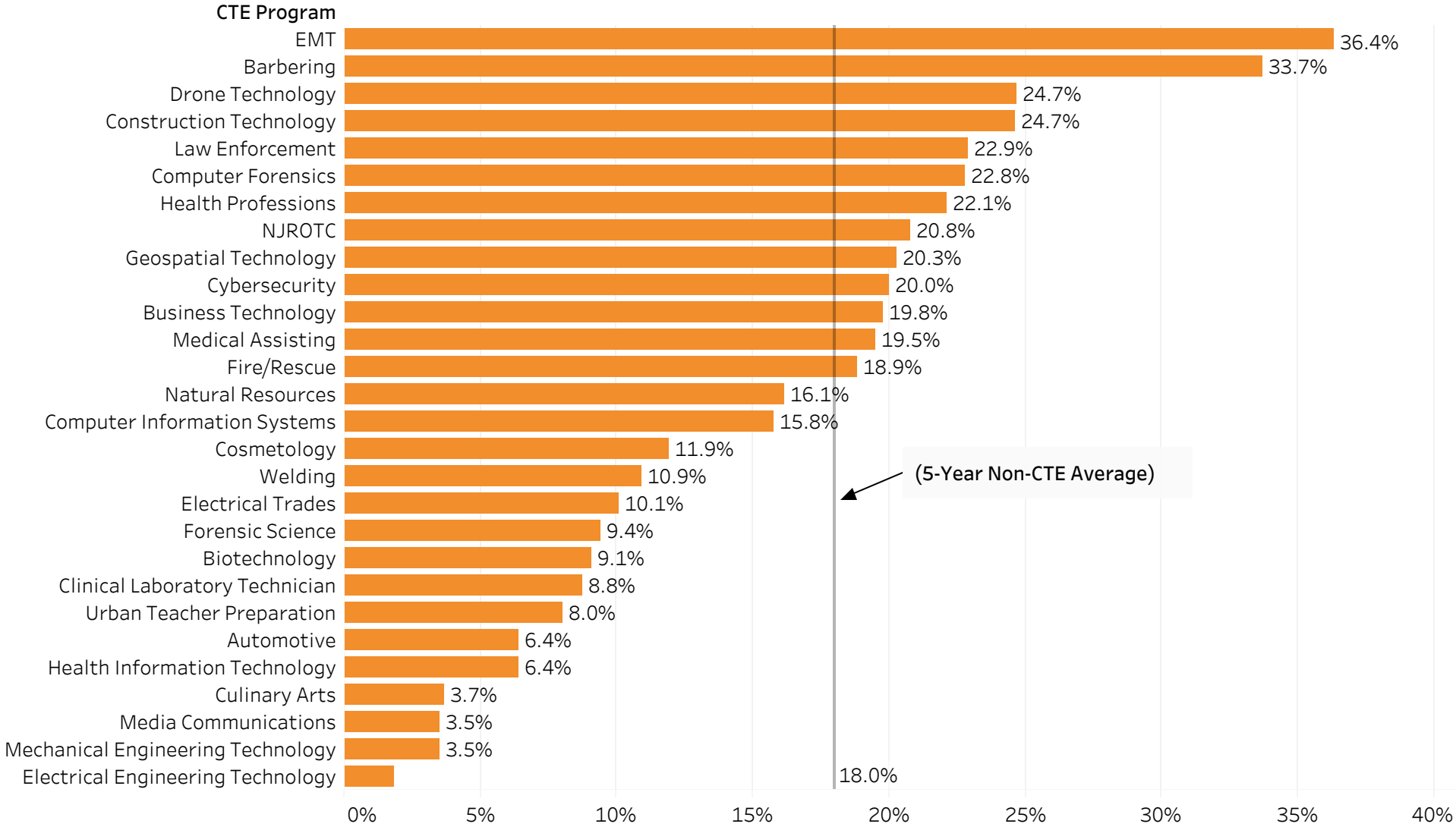
HS Enrollment: English Language Learners

CTE HS Students vs. Non-CTE HS Students
2017SY to 2019



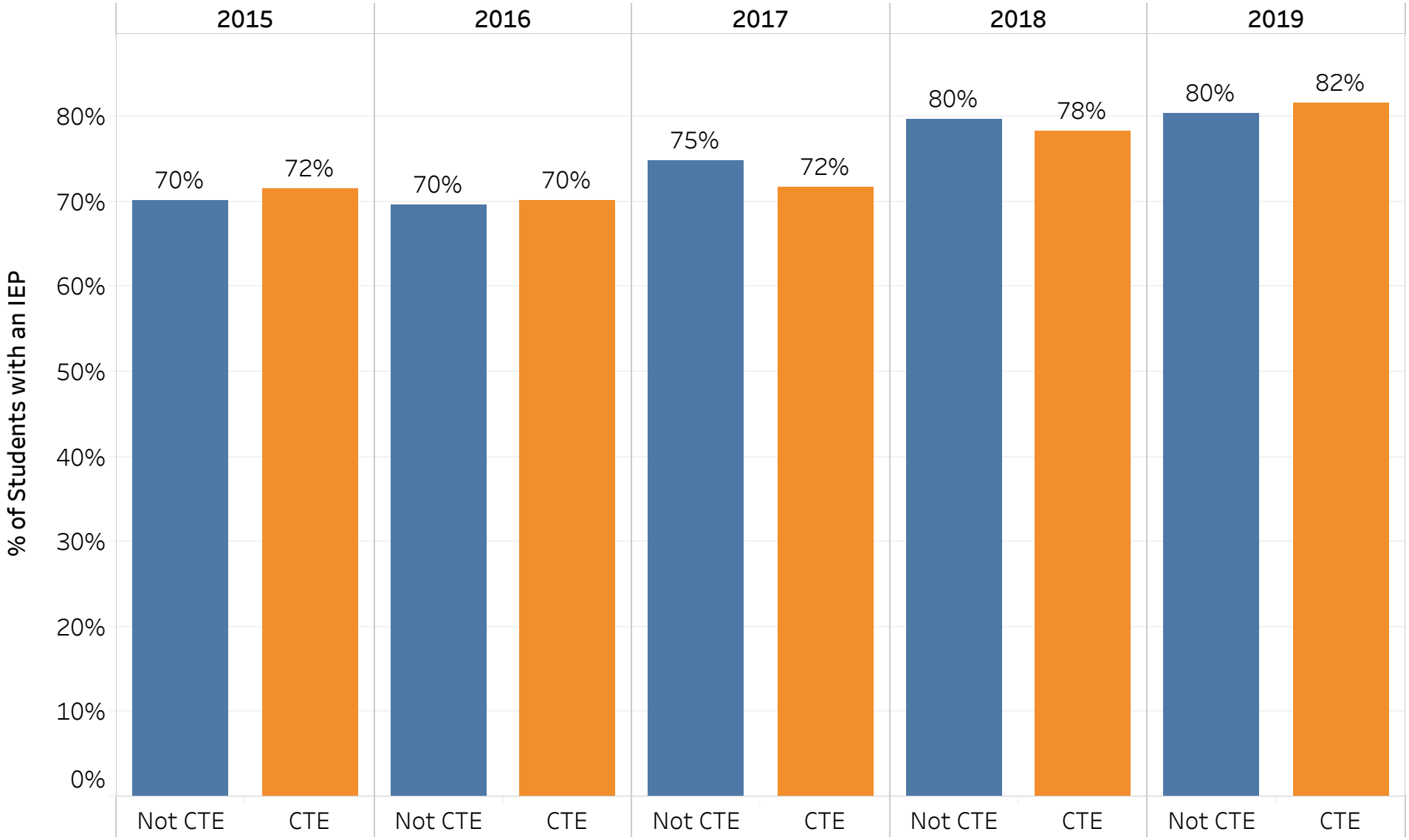
ELL Enrollment by CTE Program

2015SY to 2019SY
(5-Year Average)



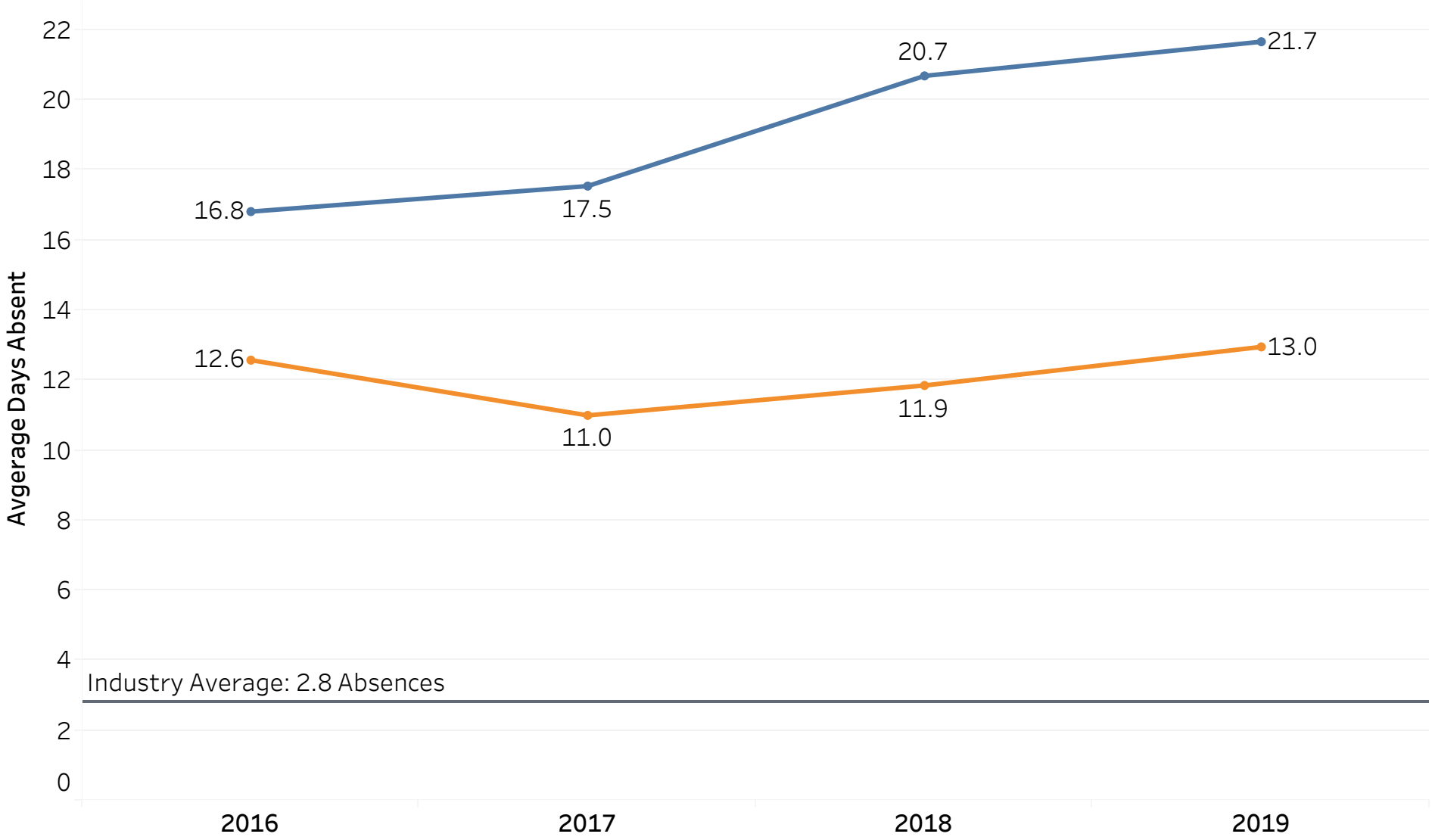
HS Enrollment: Economically Disadvantaged

CTE HS Students vs. Non-CTE HS Students
2015SY to 2019SY



Average Days Absent

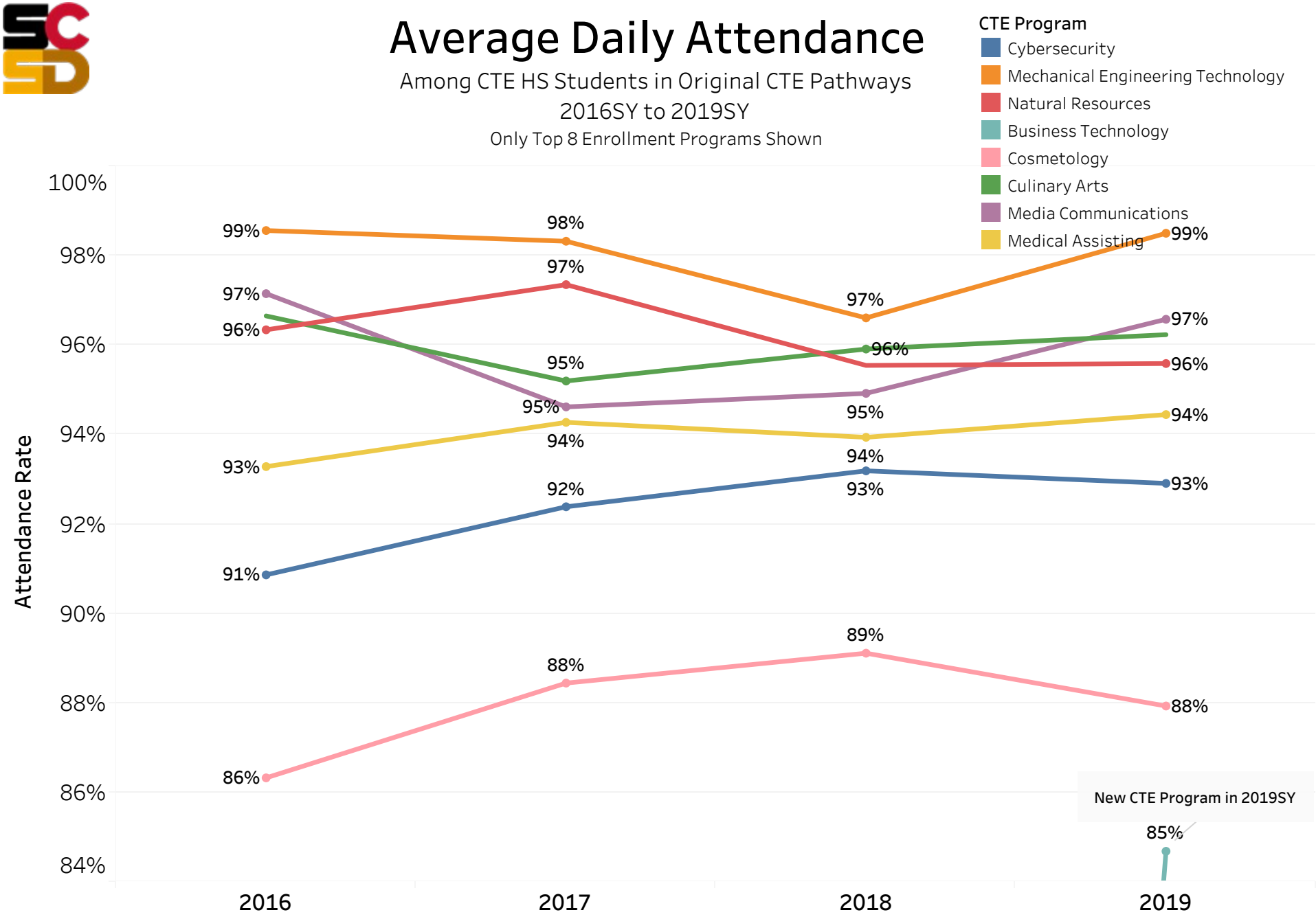
CTE HS Students vs. Non-CTE HS Students
2016SY to 2019SY



12 - ATTENDANCE

Average Daily Attendance

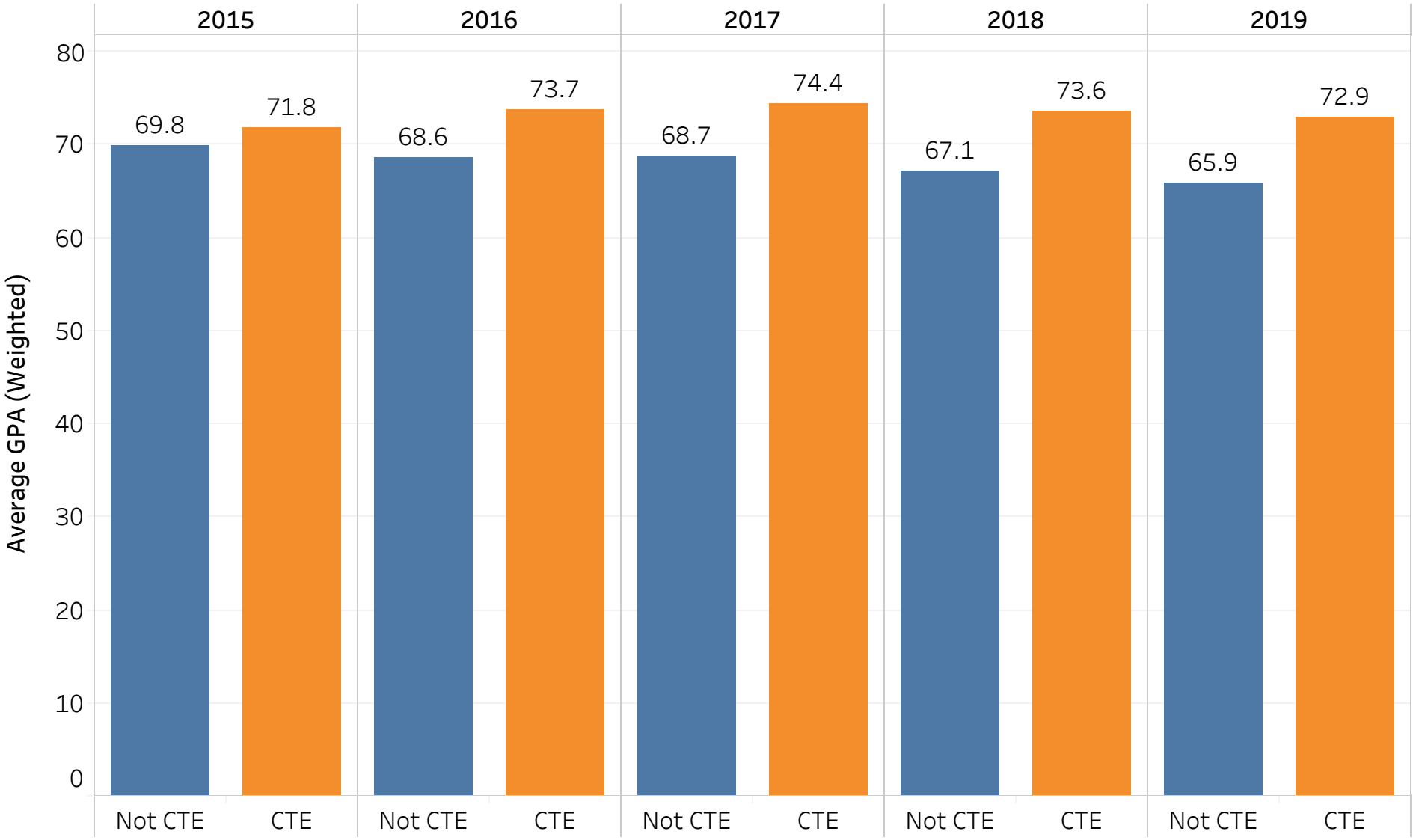
Among CTE HS Students in Original CTE Pathways
2016SY to 2019SY
Only Top 8 Enrollment Programs Shown



13 - ATTENDANCE

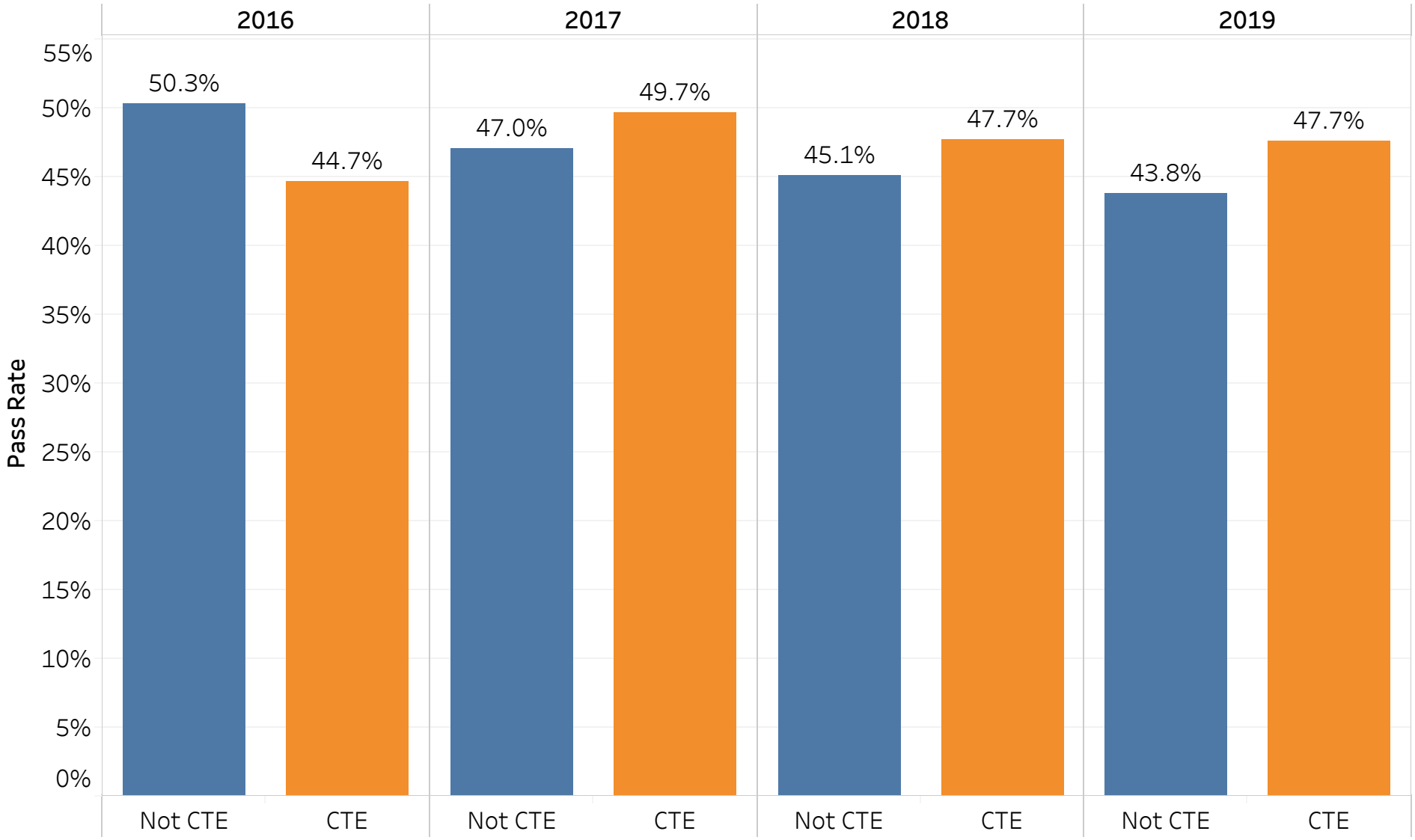
Average GPA

CTE HS Students vs. Non-CTE HS Students
2015SY to 2019SY



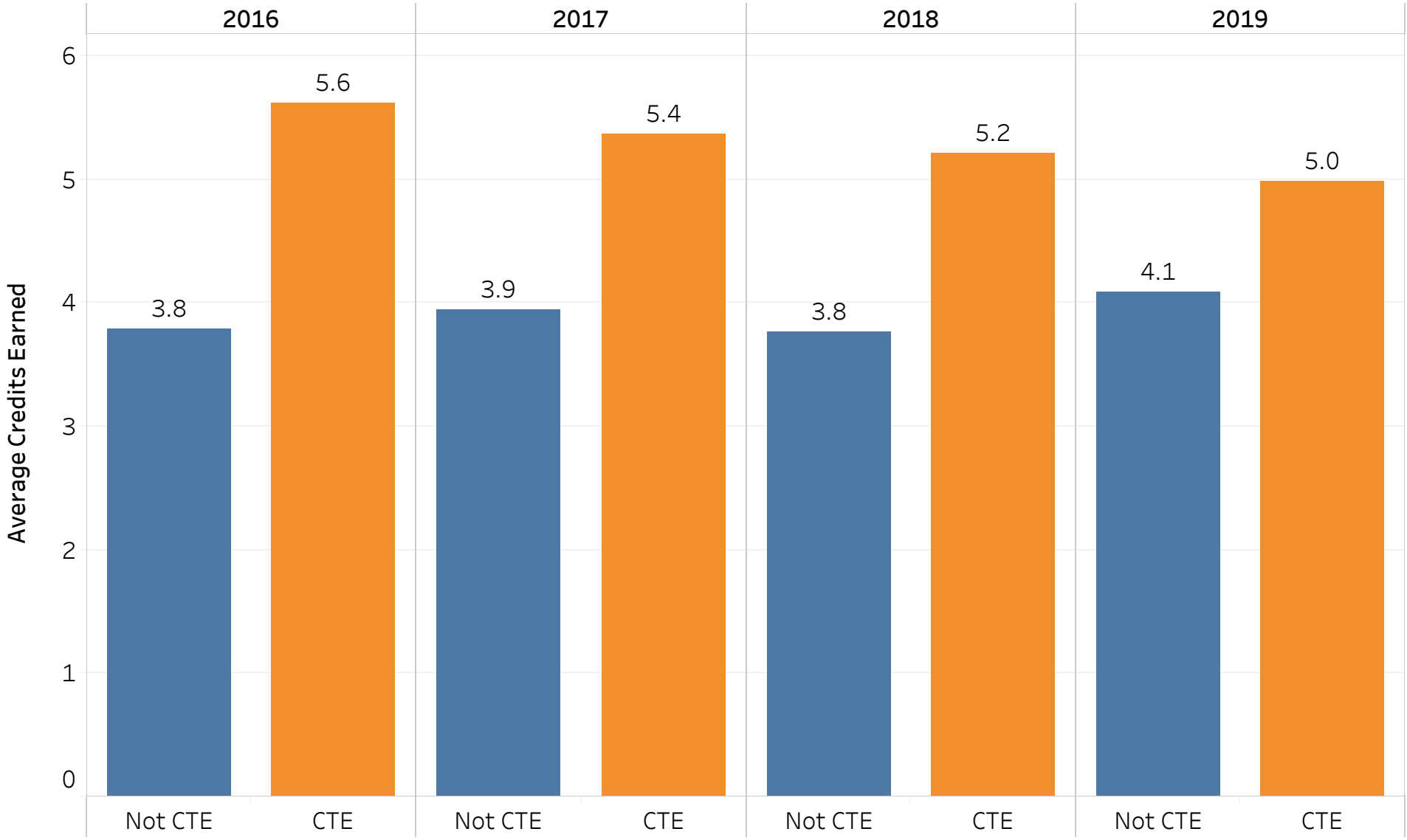
June Regents Passing Rate

CTE HS Students vs. Non-CTE HS Students
2016SY to 2019SY



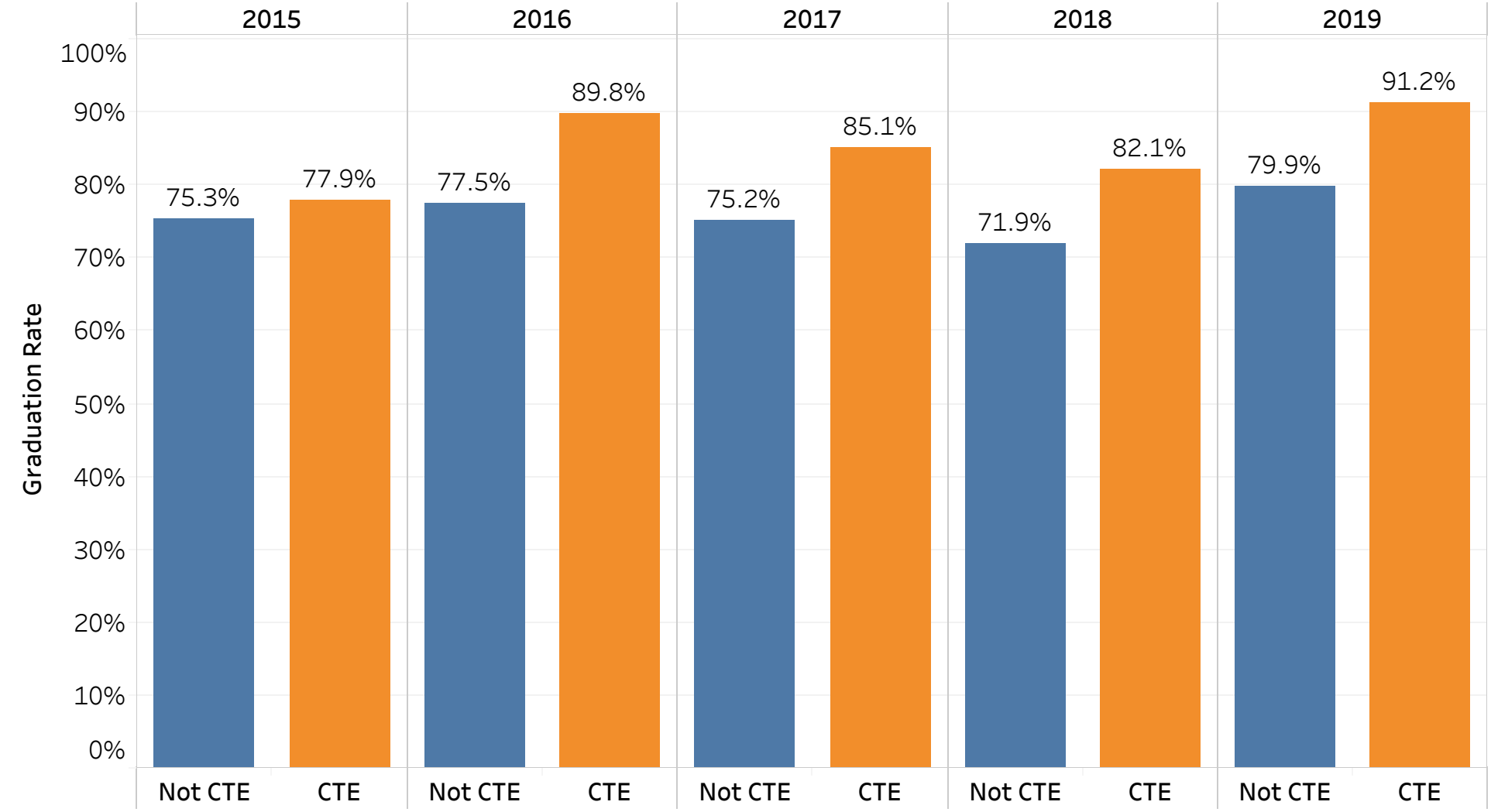
Average Annual Credit Accrual

CTE HS Students vs. Non-CTE HS Students
2016SY to 2019SY



Graduation:
One-Year Outcomes for 12th Graders

CTE HS Students vs. Non-CTE HS Students
2015SY to 2019SY



17 -ACADEMICS