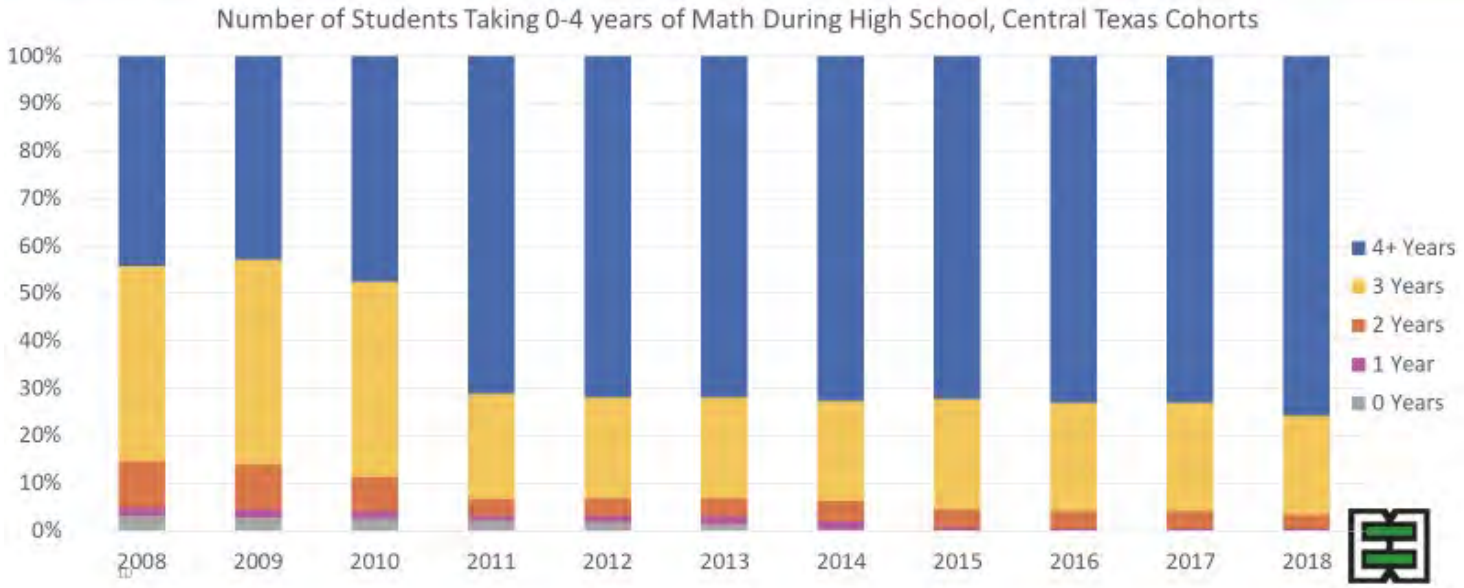
E3 ALLIANCE℠
EDUCATION EQUALS ECONOMICS

E3-3D: Graduating Class of 2018

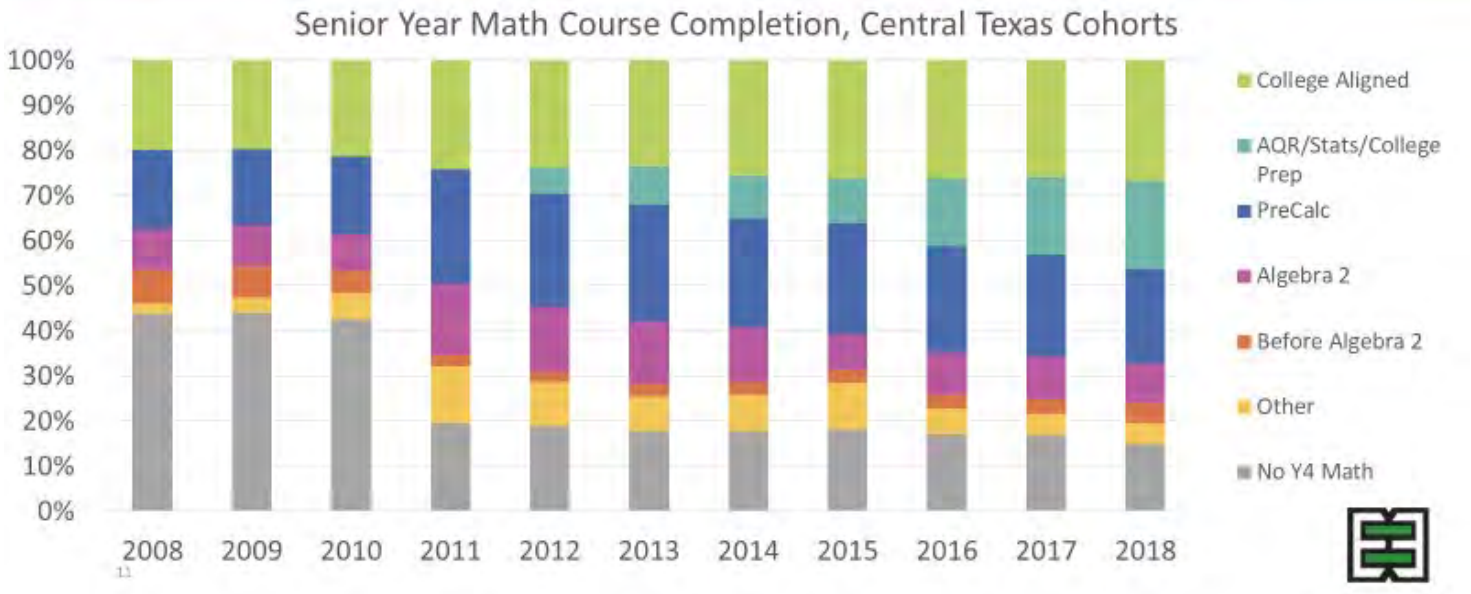
December 12th, 2019

What do you expect to see in the HB 5 endorsement data today?

Number of Students Taking 4+ Years of Math Increased in 2011, and Remained Constant



Senior Year Math Course Types Changed Dramatically Over the Last 10 Years



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MAKE MEANING OF DATA

UNDERSTAND

What is the data telling you?

- What appears to be the central issue or key problem?
- What is being recommended here?
- What insights are beginning to emerge?

DESCRIBE

What do you see?

- What stands out the most?
- What facts do we know from this data?
- What do you think of most when you see this data?

INTERPRET

What explanations do you have about what you see?

- What is the importance of this data?
- What difference will it make?
- What would you say lies underneath this data?

ASK

What do you need to learn next?

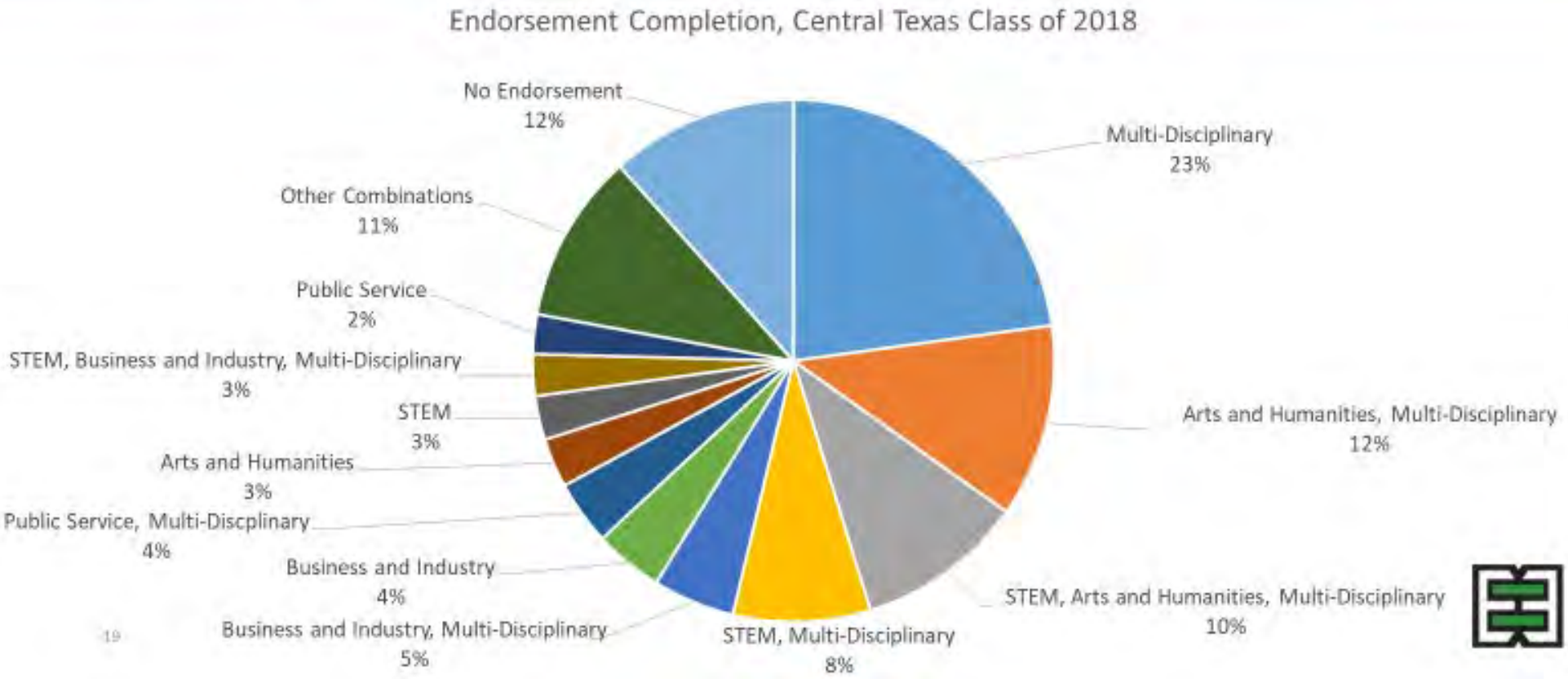
- What questions did this raise for you?
- What other things do we need to consider?
- Where are you really clear, where are you confused?

CHECK OUT DATA.E3ALLIANCE.ORG FOR MORE DATA

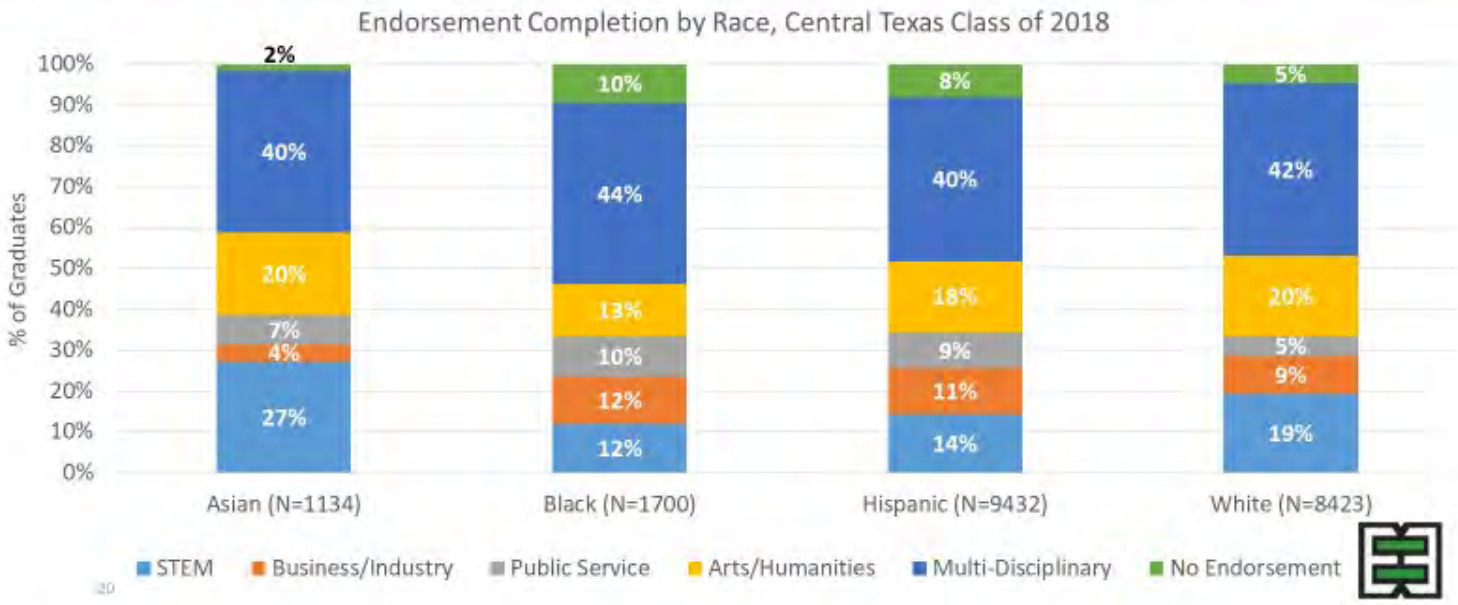
Notes

Notes

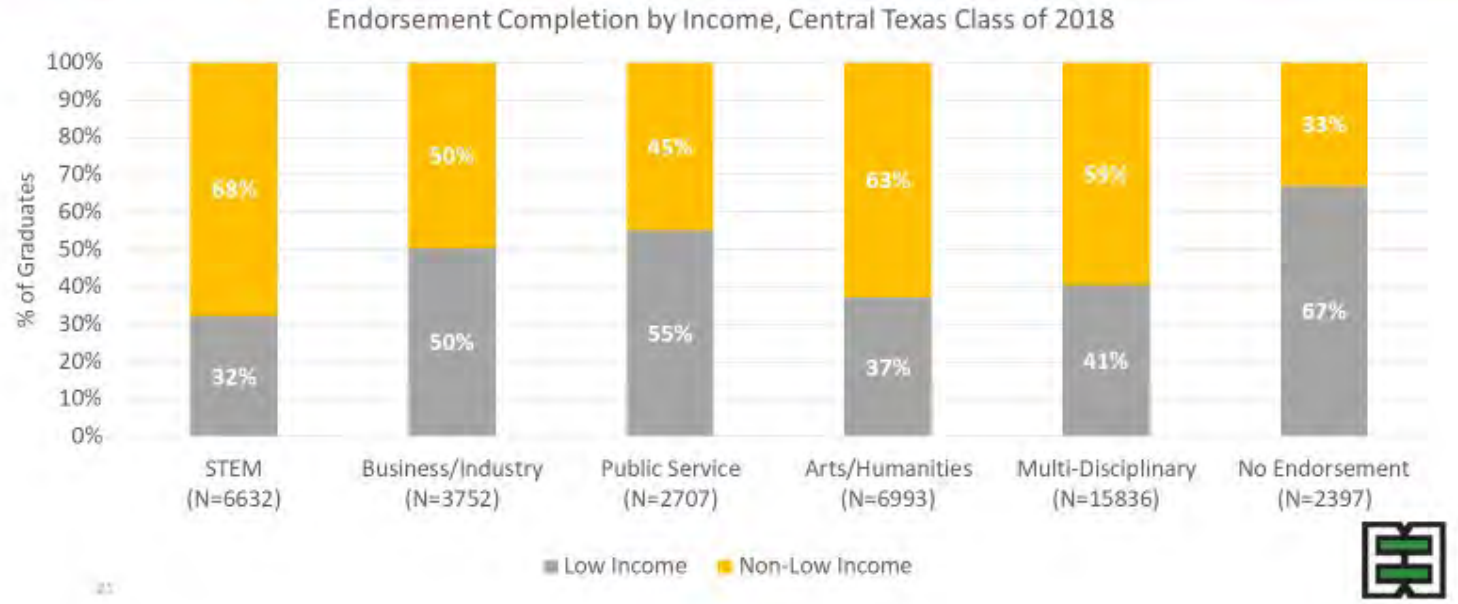
Multi-Disciplinary and Multiple Endorsements are Most Common



No Clear Differences in Endorsement Completion by Race/Ethnicity



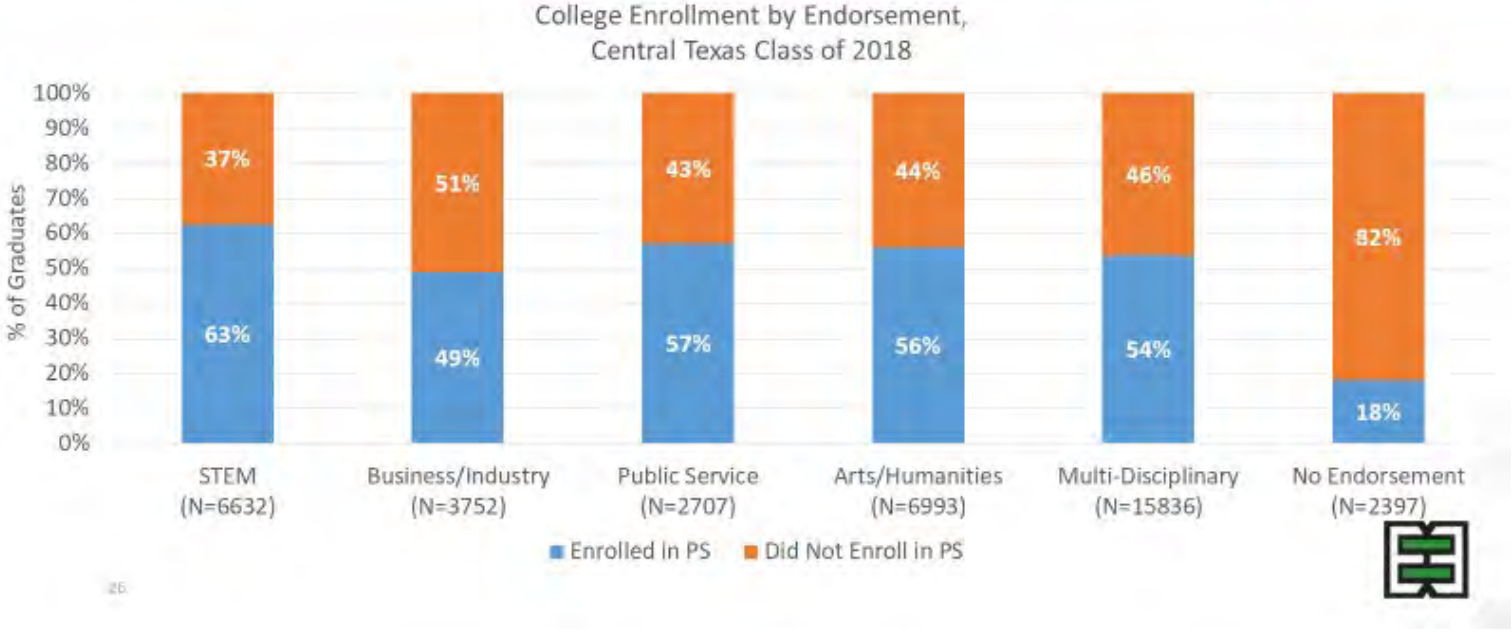
STEM, Arts/Humanities and Multi-Disciplinary More Common Among Non-Low Income Students, Public Service and No Endorsement Among Low Income Students



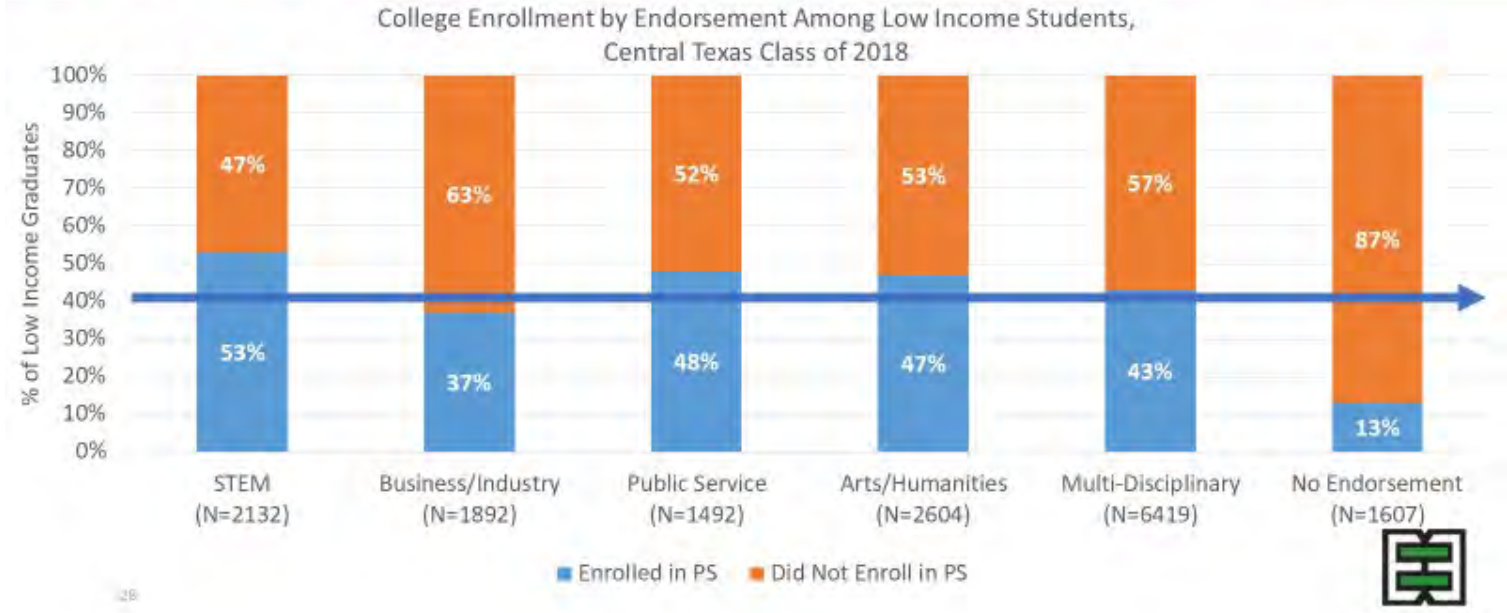
Consider a student or your own experience with choosing an endorsement/pathway in high school.

- How did the student decide on an endorsement/pathway?
- What was the process to declare an endorsement/pathway?
- What supports, information, resources were available to the student regarding their endorsement/pathway?

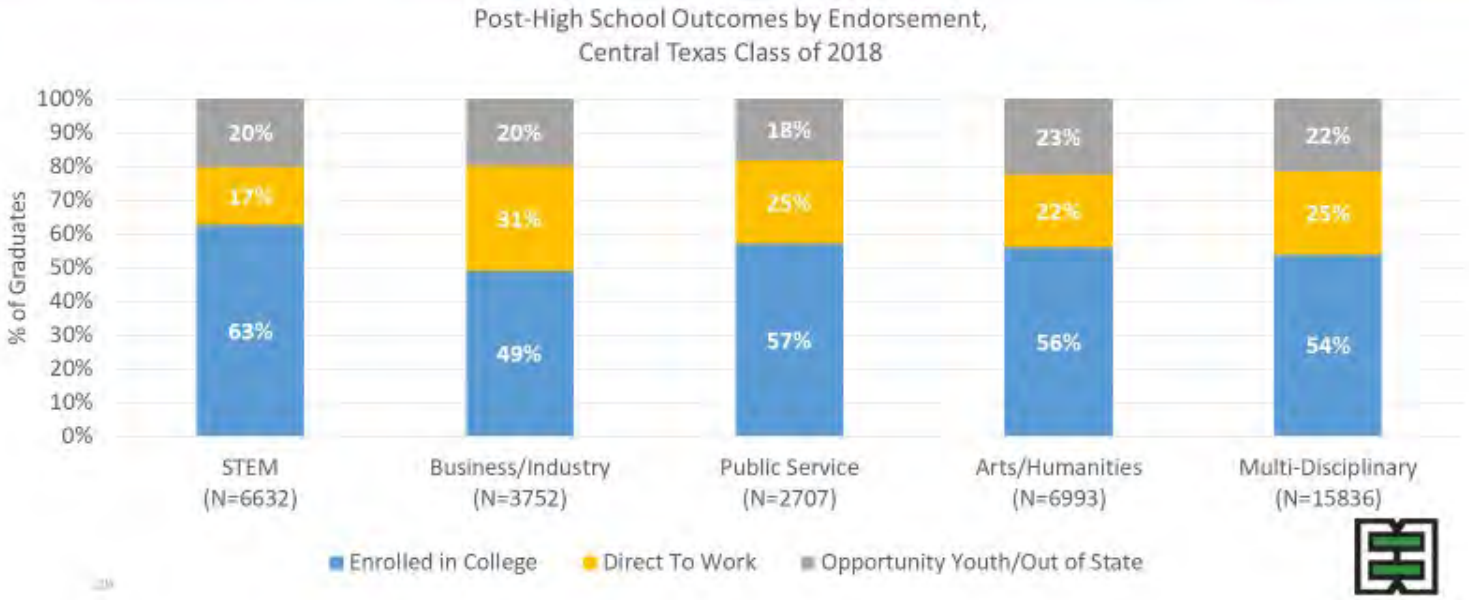
Rates of College Enrollment are Highest Among STEM and Lowest Among Business/Industry Endorsements



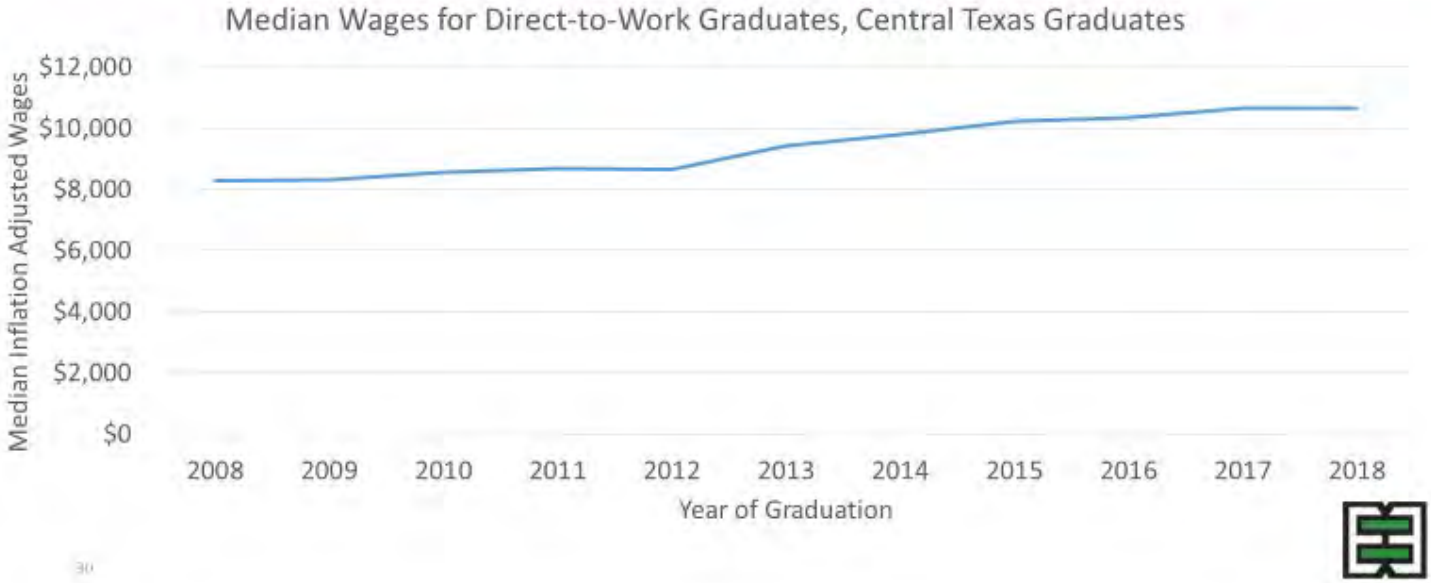
Among Low Income Students, STEM, Public Service, Arts/Humanities have Higher than Average College Enrollment



Rates of Workforce Entry are Highest Among Business/Industry Endorsements



Median Earnings for Direct-to-Work Graduates Have not Changed over the Last Decade



Top Industries for Direct to Work Grads Have not Changed Over the Last Decade

	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Accomodation and Food Services	2	2	2	2	2	1	1	1	1	1	1
Wholesale and Retail Trade	1	1	1	1	1	2	2	2	2	2	2
Construction						3	3		3	3	3
Administrative Support and Waste	3		3		3						
Health Care and Social Services		3		3				3			

How can the changes from House Bill 5 be implemented to most benefit students?

- How might math pathways look differently?
- What other supports or resources can provide students with more information regarding endorsement selection?
- What else do we need to make endorsements more meaningful and beneficial for students?