

Science, Technology, Engineering, and Math

2016 CENTRAL TEXAS EDUCATION PROFILE



Made possible through
the investment of:
Michael & Susan Dell
FOUNDATION

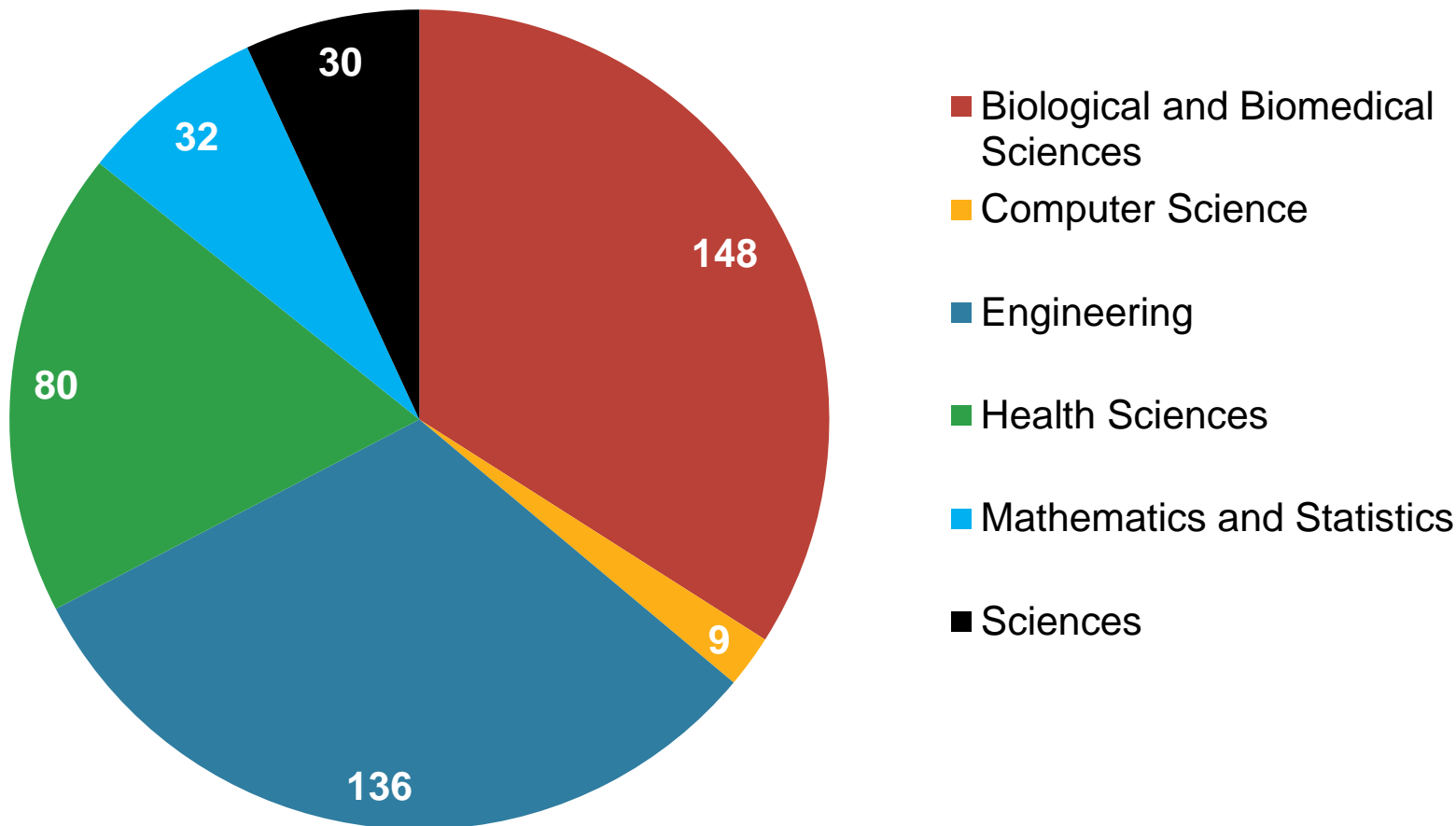
High-Demand STEM Jobs Require Higher Education

Top 22 Targeted Occupations for Central Texas

Educational Requirements	Number of Targeted Occupations	Typical Salary Range	Targeted Occupations in STEM
High School Diploma	3	\$26,176 - \$42,487	0
On the Job Training	1	\$30,759 - \$61,628	0
Associate's Degree or Certificate	9	\$41,003 - \$58,348	7
Bachelor's Degree or Higher	9	\$51,212 - \$92,444	8

Majority of STEM degrees in Central Texas by CTX HS Grads in Biosciences or Engineering

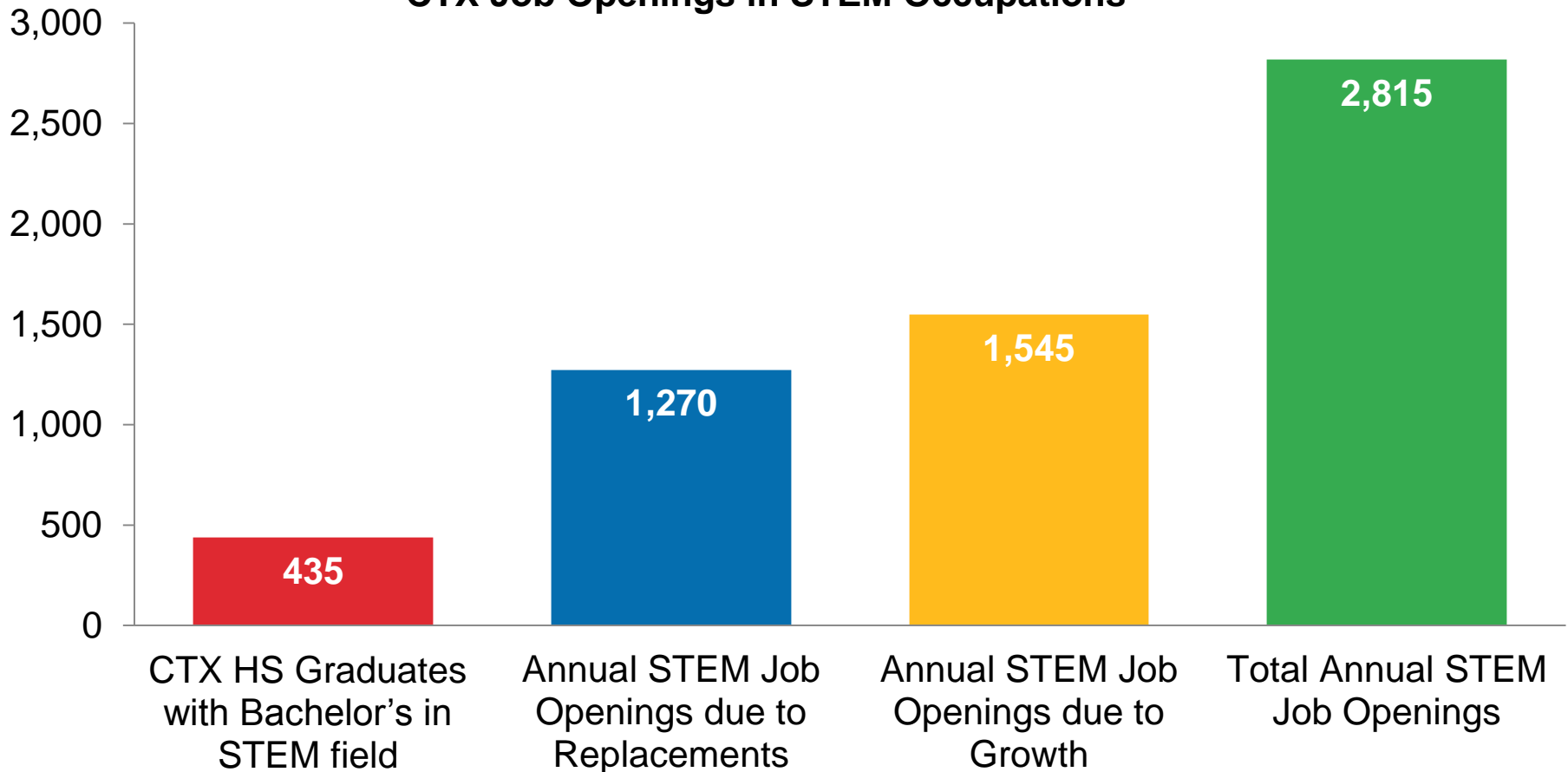
STEM Bachelor's Degrees Attained in Central Texas*,
Central Texas High School Class of 2009



*STEM accounts for 24% of degrees obtained by CTX Class of 2009 from CTX Higher Education Institutions

Production of STEM Bachelor's Degrees Does Not Match Demand in Central Texas

**CTX STEM Bachelor's Degrees and
CTX Job Openings in STEM Occupations***

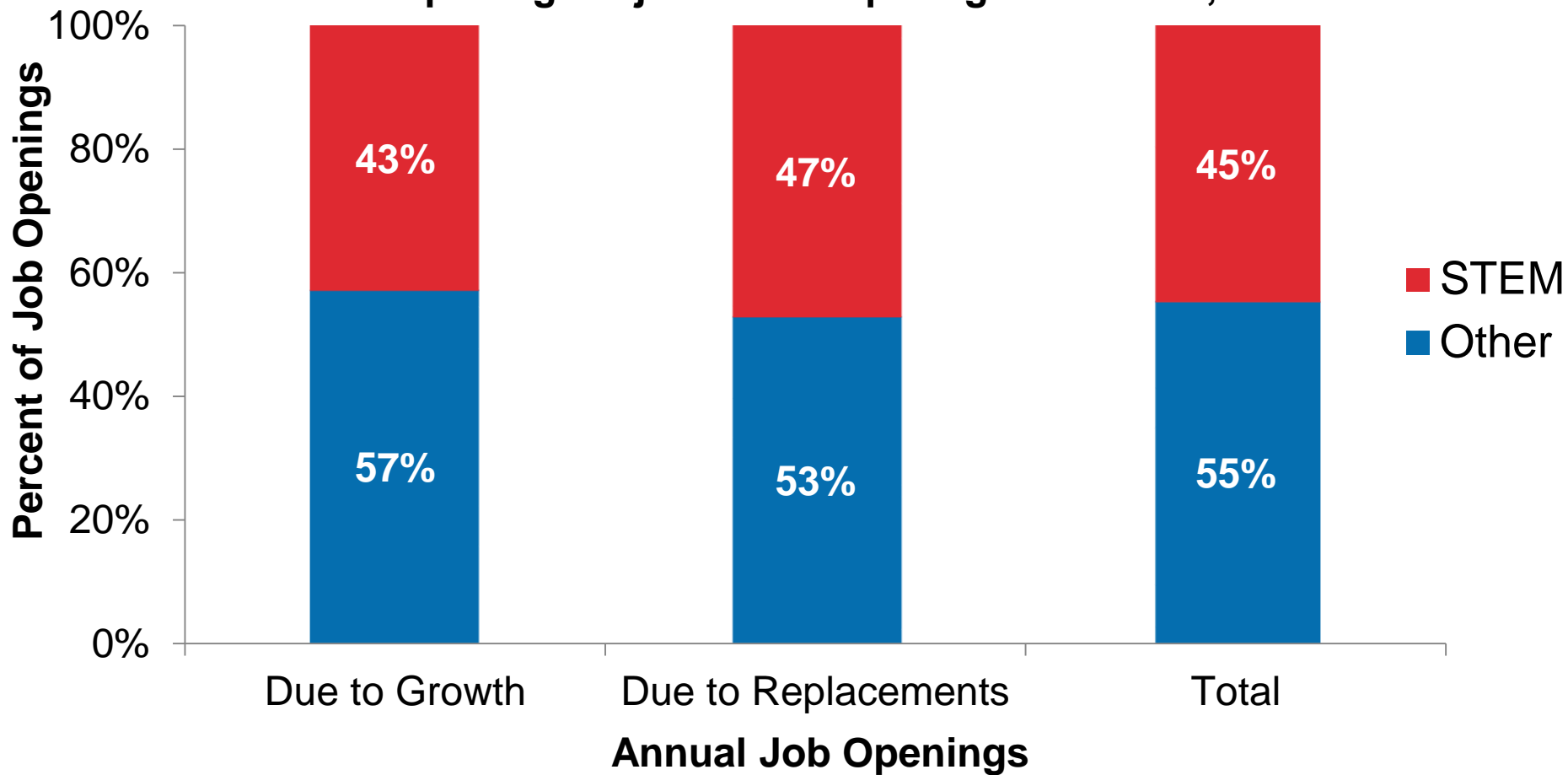


Source: E3 Analysis of TEA and THECB graduation data at the UT ERC and Tracer 2020 occupation projections data from TWC

* Requiring Bachelor's and no experience

STEM Jobs Account for Nearly Half of All Job Openings* in Central Texas Each Year

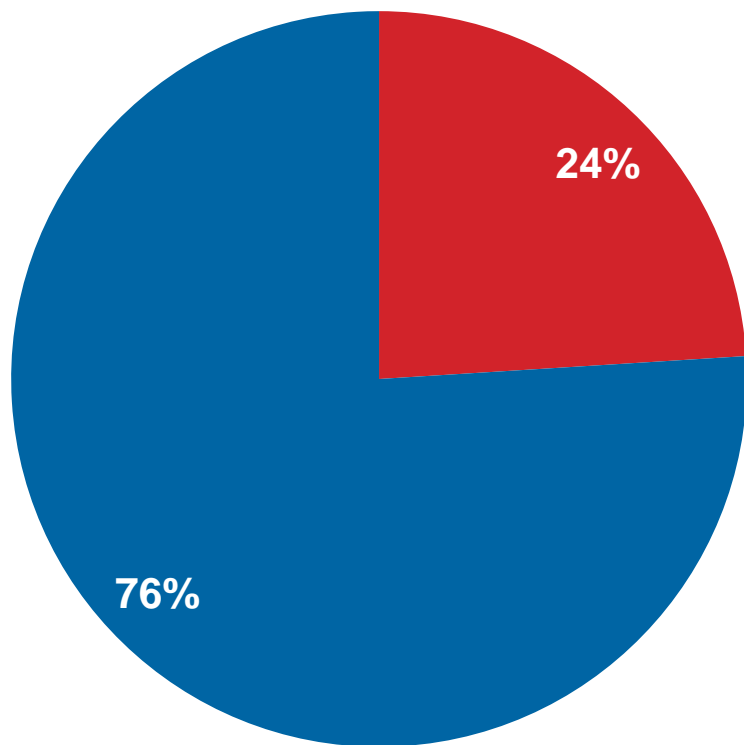
Annual Job Opening Projections Requiring Bachelor's, 2010-2020



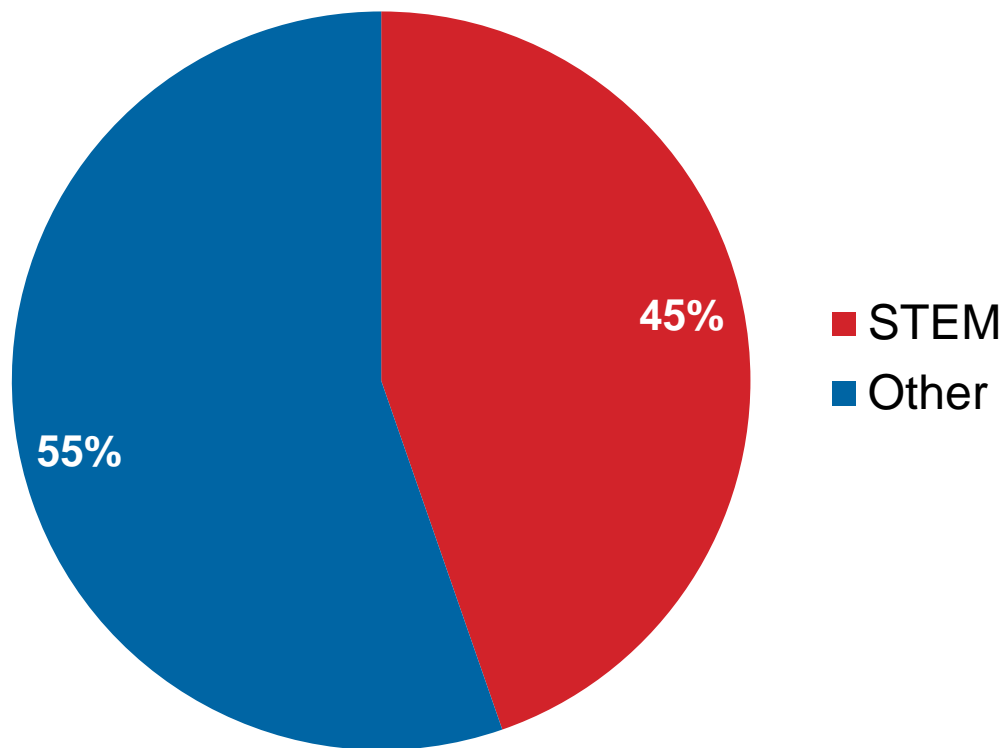
Source: E3 Analysis of Tracer data from TWC
*For occupations requiring Bachelor's and no experience

Percent of Central Texas College Graduates Choosing STEM Fields Doesn't Match Industry Need

Bachelor's Degrees, CTX High School Class of 2009



Annual Job Openings*



The conclusions of this research do not necessarily reflect the opinions or official position of the Texas Education Agency, the Texas Higher Education Coordinating Board, or the State of Texas.

E³ Alliance

e3alliance.org/profile

