

Proof Positive

April 2017

**The First Eight
Graduating Classes
of Timken
Early College
High School**



Stark Education Partnership, Inc.

▶ **Timken's Early College High School**

In 2005, when the Canton City School District, Stark State College, the Canton Professional Educators Association, and the Stark Education Partnership came to together to establish Timken Early College High School (TECHS) (formerly known as Canton Early College High School), the percentage of the city's young adults with some college or an associate degree was 33%.¹ Startup funding for the school was provided by the Bill and Melinda Gates Foundation through KnowledgeWorks and the state of Ohio.

TECHS affords students an opportunity to earn both a diploma and an associate degree during their high school career.

In 2005 with only 12.5% of its adults (today it's 14.5%)² with a bachelor's degree or higher and 81% of its students in poverty,³ Canton's poorest neighborhoods needed a compelling example that college is possible. From the onset, TECHS was envisioned not just as a school, but as a culture shifting community "proof-point" that low income, first generation, inner city students can be successful with college-level work.

By TECHS's tenth year of operation in 2015 (the latest figure available) the percentage of young adults with some college or higher had increased to 59.2%.⁴



¹ U.S. Census designation of young adults as 18 to 24 years. Percentages are from the 2005 and 2011 American Community Survey.

² U.S. Census 2015 American Community Survey

³ Ohio Department of Education District Poverty Typology, 2013.

⁴ U.S. Census Bureau, 2015 American Community Survey 1-year estimates.



► Prelude: The Class of 2016

Four hundred and nine students have graduated Timken Early College High School (TECHS) since 2009. The 50 members of the graduating class of 2016 were nearly all from populations underrepresented in higher education. Of the 2016 class, 70% were economically disadvantaged and 42% were minorities – 34% were both.⁵

TECHS students continued to outperform other early college high schools across the state and nation on key indicators – graduating high school on-time, graduating with college credit, and graduating with an associate degree.

TECHS's eight graduating classes have demonstrated that **urban students can succeed in a rigorous academic program** and earn both a diploma and an associate degree upon their graduation from high school.

Since 2009 **409**
Timken Early College High School
graduates

⁵ Based on results for the Class of 2016.



▶ Key Indicators of Success

Graduating High School On-Time

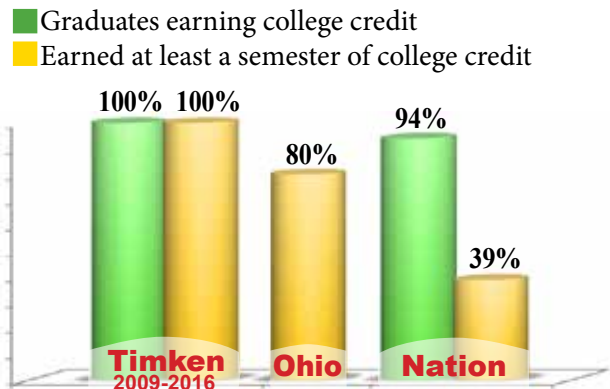
All 409 students who graduated TECHS have done so on-time. This compares to 93% for other early college high schools across the nation.⁶ In Canton and elsewhere, on time graduation is viewed as a function of those who have persisted to completion in early college high school.

What happens to those who don't remain? Of the 32 students from the class of 2016 who did not persist in TECHS, 100% graduated on time from high school demonstrating the value of the early college experience.



Graduating with College Credit

All – 100% – of TECHS graduates have earned college credit compared to the national average of 94%.⁷ Further, every TECHS graduate has earned at least a semester of credit compared to the national average of 39% and the Ohio average of 80%. The average number of hours accrued by early college graduates across the nation is 36⁸ while in TECHS the average is 56.4 for all students that graduated from TECHS and/or earned their associate degree(s).⁹



⁶ Webb, M. & Gerwin, C. (2014). *Early College Expansion: Propelling Students to Postsecondary Success, At a School Near You*. Boston and Washington, D.C.: Jobs for the Future

⁷ Webb & Gerwin (2014). Op.cit.

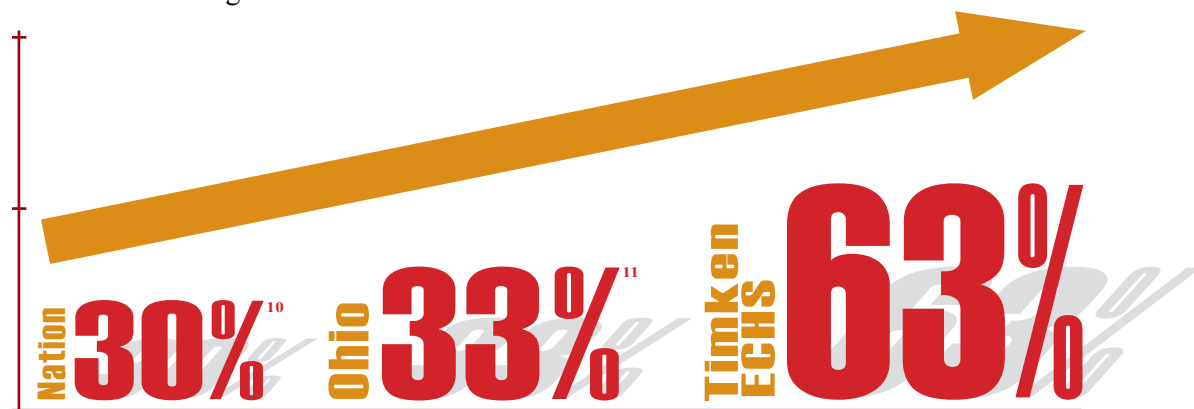
⁸ National data from Jobs for the Future: Early College High School Design Services Publication, *Early College High Schools Get Results With Students Who Have Been Underrepresented In Higher Education* and Berger, A., Project Manager (2013). *Early College, Early Success: Early College High School Initiative Impact Study*. Washington, D.C.: American Institutes for Research.

⁹ Based on results for the Class of 2009-2016



Graduating with an Associate Degree

Two hundred fifty-seven of the 409 graduates of TECHS since 2009 have earned associate degrees. This 63% success rate is more than twice the national average.



¹⁰ College in High School Alliance. (February 2017). *How To Scale College In High School: A State Policy Guide for Implementing Dual Enrollment and Early College Designs Under the Every Student Succeeds Act*. Retrieved from Jobs For the Future website: <http://www.jff.org/sites/default/files/publications/materials/Gates%20ESSA%20Report-021516.pdf>.

¹¹ Data Sources: TECHS records and *Ohio's Innovative High Schools Facing Closure Due to Budget Cuts*. June 26, 2009 Press release by Jobs for the Future.



► Further Success Indicators

Not One, But Two Degrees

Twenty-eight percent of the Class of 2016 (14 students) graduated with two associate degrees along with a high school diploma.

28%
Class of 2016

**Earned two
associate
degrees
upon
graduation**

Beyond Early College High School

In 2010, TECHS adopted a new emphasis on earning future bachelor's degrees. Of the class of 2016, 96% plan to pursue additional college degrees or serve in the military.¹²

96%
Class of 2016

**Plan to
pursue a
bachelor's
degree or
the military**

¹² Based on results for the Class of 2016.



Conclusion: 8 Years of Ongoing Value

What are the Economic Benefits of Higher Education for Individuals and Society?

According to *Education Pays 2016*:¹³

- Individuals with higher levels of education earn more, pay more taxes, and are more likely to be employed.
- College education increases the chance that adults will move up the socioeconomic ladder and reduces the chance that adults will rely on public assistance.
- College education is associated with healthier lifestyles and reduced health care costs.

Since 2009, there have been 409 TECHS graduates. Based on the potential median earnings for individuals with some college and/or an associate degree(s), TECHS graduates could collectively earn **an additional** \$90,764,000 of net income and pay **an additional** \$33,604,000 in taxes over their lifetime compared to graduates with only a high school diploma. The potential economic value only increases as students earn more degrees.

Potential ADDITIONAL Lifetime Net Income and Taxes Paid by 409 TECHS Students

\$124,368,000

¹³ Jennifer Ma, Matea Pender & Meredith Welch (2016). *Education Pays: 2016 The Benefits of Higher Education for Individuals and Society*. The College Board. Available at: <https://trends.collegeboard.org/education-pays>.

Acknowledgements

The Stark Education Partnership would like to acknowledge the following individuals and organizations for their assistance in supplying information or data for this report:

- Ken Brunner, Principal, Canton Early College High School, Canton City School District
- Dennis Trenger, Director of Outreach, Stark State College

