

Manufacturing Connect Progress Report

July 2018 - August 2019 Program Year Summary and Progress to Date 2011 – 2019

Updated: September 27, 2019

- I. What is Manufacturing Connect (MC):** MC is a program operated by Manufacturing Renaissance that inspires, prepares and supports youth and young adults for careers in manufacturing. MC provides direct service to in-school (in partnership with Chicago Public Schools) and out-of-school youth (Young Manufacturers Association) and provides training to instructors (Instructors Apprenticeship for Advanced Manufacturing).

II. Success Story:



Name: Travis S.

Graduated: Austin College & Career Academy, 2019

Manufacturing Connect Participation: 4 years,
Freshman – Senior

Industry Credentials Earned: Materials,
Measurements & Safety and CNC Turning Operator
(NIMS)

Work Experiences:

- 2017 Spring Break Internship at Hudson Precision
- 2018 Summer Job at Laystrom Manufacturing
- 2019 Spring Break Internship at Columbia Metal Supply
- 2019 Summer Job at Dudek & Bock Spring Manufacturing

College Enrollment: Paul Quinn College Texas, full scholarship, Major in Engineering

- III. Program Year Summary 2018 – 2019:** 40 manufacturing employers partnered to provide a variety of direct services and work experiences. The below table summarizes the outputs for service activities provided to program participants across the program areas. Please note that program areas differ on activity profile and population served. Program areas per population:

- Austin College & Career Academy 9th-12th graders
- Bowen High School 11th-12th graders
- Prosser Career Academy 11th-12th graders
- Young Manufacturers Association (YMA) young adults, 18-29, across the Chicagoland area

	Program Areas 2018-2019				
Activity	Austin	Bowen	Prosser	YMA	Totals
Total Number Served	134	28	14	85	261
Participants Received Individualized Coaching	134	28	14	85	261
Participants Completed Work-Readiness Training	32	8	14	10	64
Participants Earned NIMS credentials	29	NA	NA	NA	29
Participants Passed Dual-Credit Mfg Tech Course	14	NA	NA	NA	14
Participants Completed Work Experience	32	8	14	11	65
Number of Total Work Experiences	69	9	18	14	110
Number of Participants Evaluated by Employer as "Proficient" or better in Work-Readiness	23	7	9	10	49
Number of Industry Fieldtrips Completed	6	3	5	NA	14

IV. Program Outputs and Outcomes 2011 – 2019:

MC is not a traditional workforce development program. It works with youth and young adults that usually do not know anything about manufacturing before joining our program. Big part of our work is to introduce young people to the sector, find a variety of ways for them to relate to what could be possible for their future and realize that no matter what they ultimately choose, they benefit from having a work experience, and technical and professionalism skills. For those who participate in our program and choose to pursue a career-track job in manufacturing we support them as much as possible to ensure their retention and success.

Below is a summary of our cumulative manufacturing job placement data June 2011 through August 2019. The data is an average across all those who we've placed in a manufacturing job whether they started the job in 2011 or in 2019.

Outputs & Outcomes Graduating Cohorts 2011-2019		As of August 2019
MC Outputs	Total Participants who Completed Program/ Graduated High School (since 2011)	323
	Total Work Experiences* Completed by Participants	582
	Total Participants Who Have Earned Industry	238

	Credentials	
	Total Industry Credentials Earned by Participants	348
MC Outcomes	Total Individuals Placed in Permanent Mfg Jobs**	90
	Total Manufacturing Job Placements	136
	Average retention across individuals currently employed	26 months
	Average retention across total Job Placements	12 months
	Percent of individuals who met 90-day retention on the job or better	76%
	Average wage of those individuals currently employed (highest wage - \$21/hr; lowest wage - \$10.20/hr)	\$14.88

*Work Experiences include: Job Shadows, Paid Internships, Summer Jobs

**Not all participants choose to pursue job placement in manufacturing upon program completion; most choose to go directly to college or other non-mfg sector employment – MR has had limited capacity to track non-mfg outcomes over time.

V. Program Overview:

Manufacturing Connect had a productive year, thanks to support from funders including Google.org, Chicago Cook Workforce Partnership, Boeing Corp., Polk Bros. Foundation, Chicago Teachers Union Foundation, the Chicago Community Trust and 40 local manufacturing employers.

MC addresses two challenges:

1. Manufacturers need to fill jobs and develop the next generation of talent for their companies
2. Youth need clear pathways away from violence & poverty and towards opportunity & economic self-sufficiency

MC benefits:

1. Youth: gain hard and soft skills, receive individualized supports and expand their access to opportunities upon graduation
2. Manufacturing employers: find young local talent to fill their pipeline and grow their companies
3. Schools: higher number of graduates with positive placements contributing to the schools' performance scorecard
4. Communities: higher percentage of the population accessing family sustaining jobs

