

Mapping Detroit's Manufacturing Support Ecosystem



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Acknowledgements and Thanks

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Most importantly, thank you to the survey respondents and focus group participants for their time and insights, without which this report would not have been possible.

REPORT DESIGN Maria Klushina

All images courtesy of UMA unless otherwise noted.

¹ Organizations included in this ecosystem map participated in our State of Urban Manufacturing study; UMA does not represent this constitutes a comprehensive list of organizations that serve makers and manufacturers in Philadelphia. Our hope is that this encourages local partners to compile a fuller listing and keep it up-to-date as the support landscape changes over time.

² For the purpose of our study, region is geographically larger than a city and smaller than state; however, a region may contain portions of more than one state.

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Photo credit: Ali Lapetina

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About the *State of Urban Manufacturing*

The Urban Manufacturing Alliance conceived the *State of Urban Manufacturing* study as a way to give policymakers, economic development practitioners, and workforce training providers information they can use to make strategic decisions to support urban manufacturers. Longer term, this information may serve as a foundation to expand understanding across the economic development field. To inform this national research, UMA collected information directly from hundreds of manufacturers across six pilot cities — including more than 100 in Detroit— on the nature of their businesses and the challenges they face; the research team also spoke with a variety of organizations that aim to support these firms. Those support organizations informed the following Ecosystem Map. Its intent is to help producers and the organizations that support them match the right resources to businesses' needs.

About the Urban Manufacturing Alliance

The Urban Manufacturing Alliance is a national coalition of organizations that are building manufacturing economies fit for the 21st century. Our goal is to create pathways to middle-class jobs, spark homegrown innovation, and ensure that cities and towns continue to be the places where we make things. Through our Communities of Practice, in-person Gatherings, and original policy research, UMA showcases current practices, programs, and people that are uplifting manufacturing and creating more equitable communities. Learn more at www.urbanmfg.org.

Methodology for the Ecosystem Mapping Process

UMA was able to survey 44 organizations in Detroit that support manufacturers. The survey asked about:

- The general types of services offered to manufacturers, from among the following categories: Business Operations, Access to Capital, Product Development, Real Estate, Workforce Development, and Community Building/Ombudsman Services
- Specific programs within each service category
- Specific manufacturing subsectors each organization might focus on
- Whether organizations served the entire city, specific neighborhoods, or particular types of manufacturers (some providers have a national footprint)

Some of the visualizations may list programmatic categories without any organizations working directly in that area. In addition to enumerating existing programs, an important goal of this process was point to gaps in existing manufacturing services. Our hope is that this information is leveraged for continued—and improved—collaborations across service providers, especially to address unmet needs. We also hope that these services will be periodically re-mapped to reflect changes in this ecosystem.

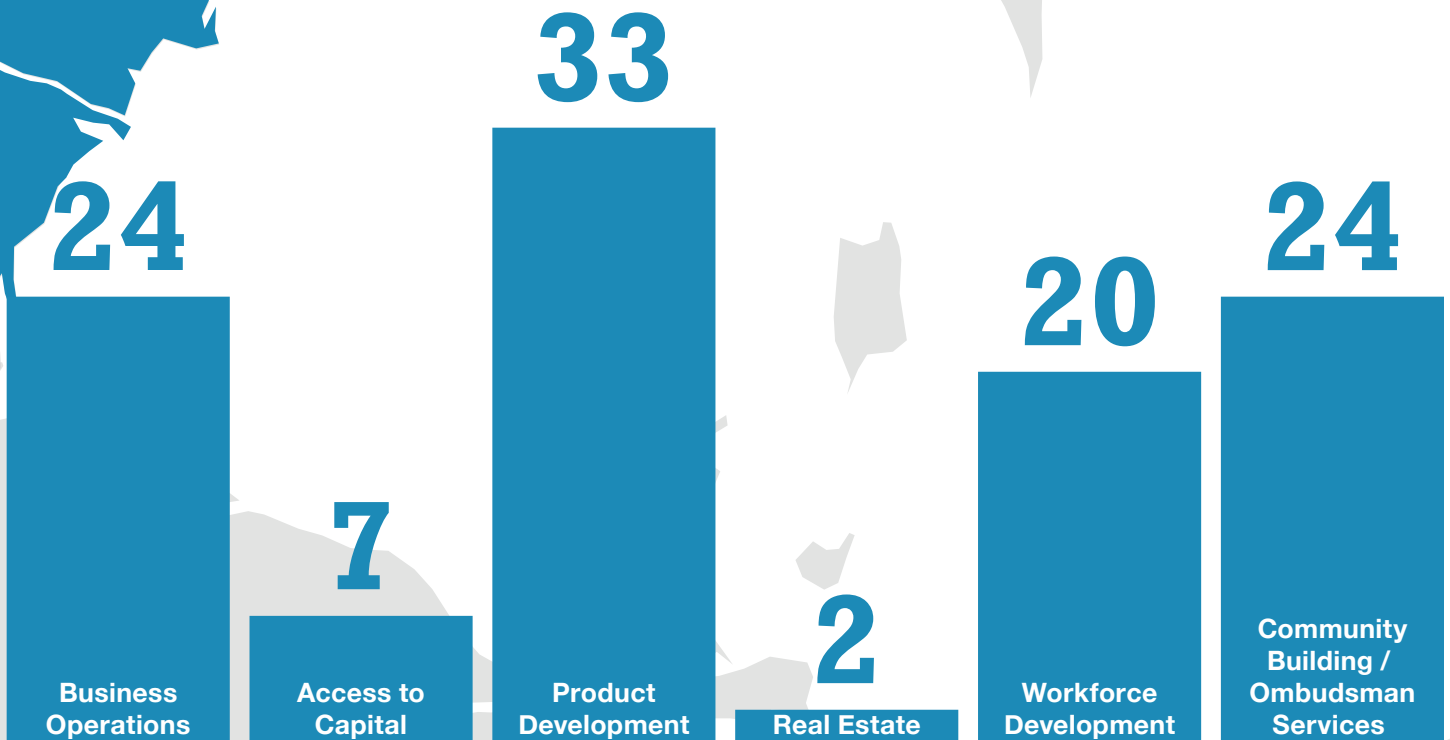
Services Provided

Service Providers

Of the 44 service providers surveyed, 75% stated that they focus on **Product Development** and 55% stated that they focus on **Business Operations and Community Building / Ombudsman Services**

NOTE

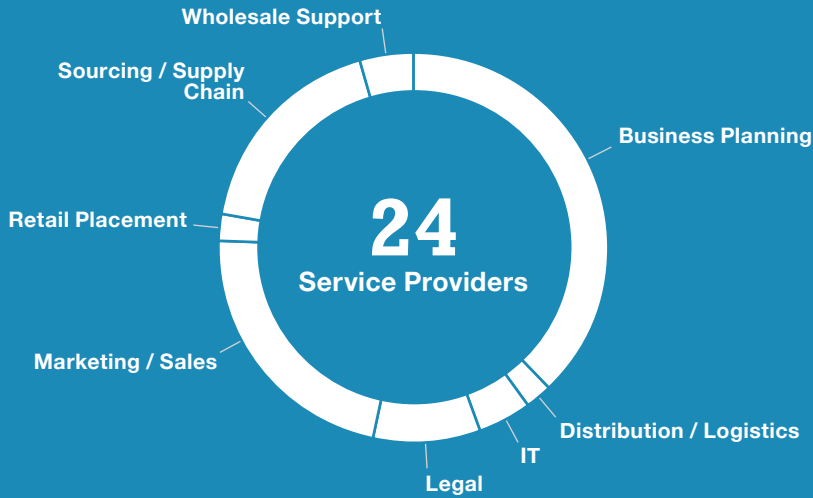
Service providers were able to choose multiple areas of focus.



Service Provider Overview

	SERVICES PROVIDED					SUBSECTORS SERVED												
	Business Operations	Access to Capital	Product Development	Real Estate	Workforce Development	Community Building	All Subsectors	Apparel, Textiles, & Leather	Ceramics	Chemical & Material Manufacturing	Computer & Electronics Product Manufacturing	Electrical Equipment, Appliance, & Component Manufacturing	Food & Beverage	Jewelry & Accessories	Medical Product Manufacturing	Metalwork, Machining & Fabrication	Printing & Related Support Activities	Wood Product Manufacturing
Ponyride																		
ProsperUS Detroit																		
Supply District																		
TechTown Detroit																		
The Michigan Manufacturing Technology Center																		
Trichromatic Studio																		
Uplift																		
Wayne County Community College District																		
William & Bonnie																		
Woodward Throwbacks																		
Workforce Intelligence Network																		

Business Operations



	Accounting	Business Planning	Distribution / Logistics	Information Technology (IT)	Legal	Marketing / Sales	Retail Placement	Sourcing / Supply Chain	Wholesale Support
Automation Alley		✓							
Brightmoor Maker Space at the Detroit Community Schools		✓				✓			
Build Institute		✓							
Cass Community Social Services						✓			
Center for Craft & Applied Arts		✓							✓
DEGC - Built in Detroit		✓				✓			
Detroit Creative Corridor Center (DC3)		✓				✓			
Detroit Economic Growth Corporation							✓	✓	✓
Detroit Public Library		✓			✓				
Detroit Sewn, Inc.						✓		✓	
Elijah J. McCoy Midwest Regional U.S. Patent and Trademark Office		✓			✓				
FoodLab Detroit		✓				✓		✓	✓
Jackson Makerspace		✓							
McCormick's Place Detroit					✓			✓	
Michigan Inventors Coalition		✓							
Michigan Manufacturing Technology Center		✓	✓			✓		✓	
Michigan Small Business Development Center		✓				✓			
Michigan State University Product Center		✓							
ProsperUS Detroit		✓			✓	✓			

Business Operations

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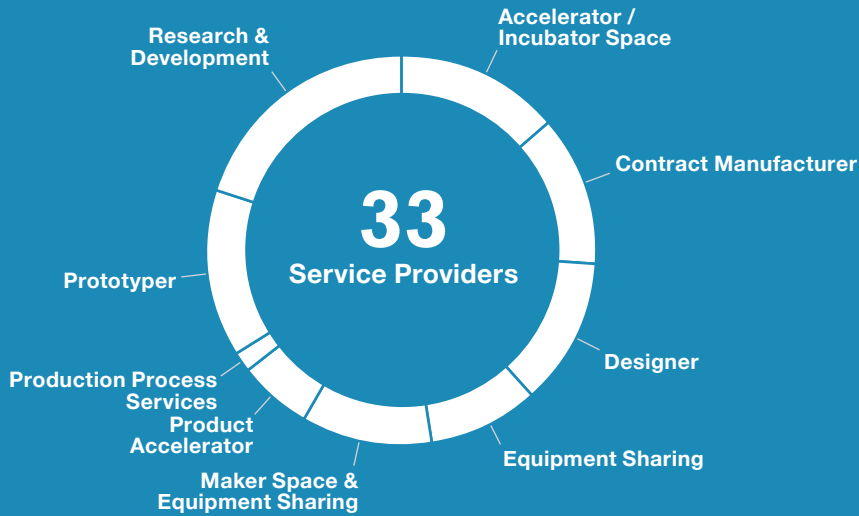
	Accounting	Business Planning	Distribution / Logistics	Information Technology (IT)	Legal	Marketing / Sales	Retail Placement	Sourcing / Supply Chain	Wholesale Support
Supply District								✓	
The Michigan Manufacturing Technology Center		✓				✓		✓	
Trichromatic Studio								✓	
Uplift				✓					
Workforce Intelligence Network		✓		✓					

Access to Capital



	Community Development Financial Institution	Crowdsourcing Platform	Financial Investor	Microlender	Philanthropy
Center for Craft & Applied Arts				✓	
Detroit Development Fund	✓			✓	
Incite Focus					✓
Invest Detroit	✓				
Michigan Inventors Coalition		✓			
New Economy Initiative			✓		✓
ProsperUS Detroit				✓	

Product Development



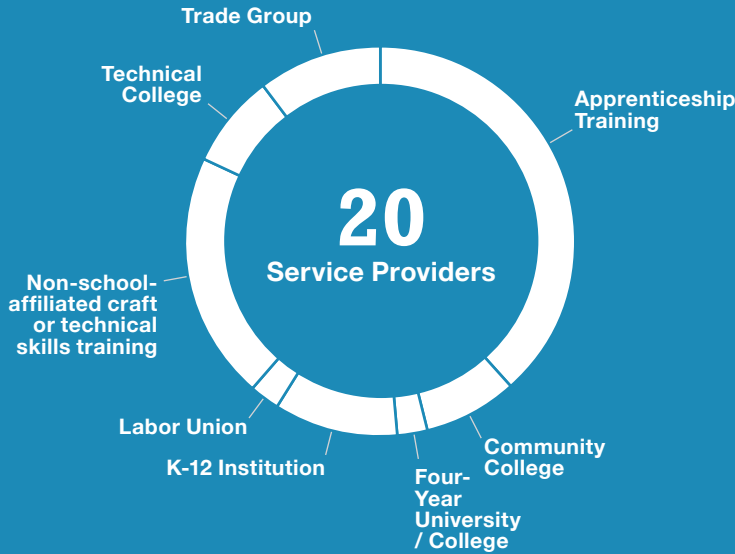
	Accelerator & Incubator Spaces	Contract Manufacturer	Designer	Maker Space & Equipment Sharing	Product Accelerator	Production Process Services	Prototyper	Research & Development
Automation Alley	✓				✓			
Brightmoor Maker Space at the Detroit Community Schools			✓	✓	✓		✓	
Build Institute	✓							
Cass Community Social Services				✓				
Center for Craft & Applied Arts				✓				
Davison Sewing		✓	✓	✓				
DEGC - Built in Detroit								✓
Design Wise			✓				✓	
Detroit Center for Design + Technology	✓							
Detroit Economic Growth Corporation								✓
Detroit Future City								✓
Detroit Kitchen Connect	✓			✓				
Detroit Public Library				✓				
Detroit Sewn		✓	✓				✓	
Do-All Plastic		✓					✓	
Elijah J. McCoy Midwest Regional U.S. Patent and Trademark Office								✓
Incite Focus	✓	✓	✓	✓			✓	
Jackson Makerspace	✓			✓			✓	✓
McCormick's Place Detroit	✓							

Real Estate



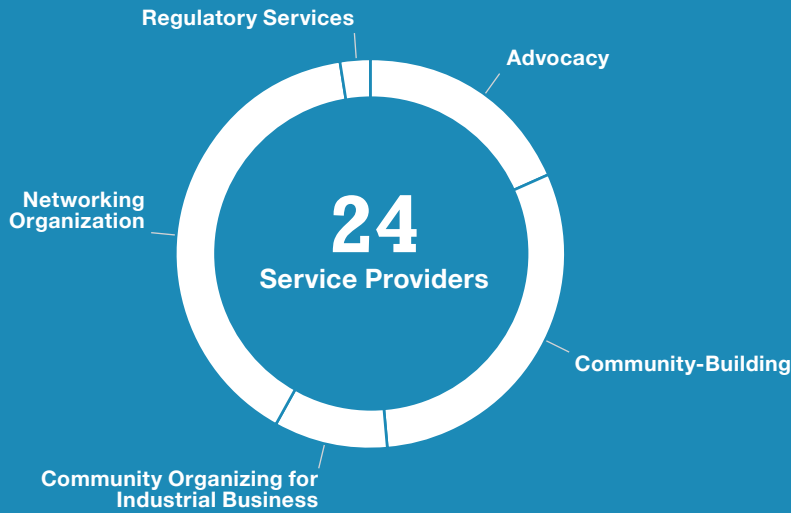
	Business Improvement District	Real Estate Agent	Real Estate Developer (For-Profit)	Real Estate Developer (Non-Profit)
Detroit Economic Growth Corporation	✓	✓		✓
McCormick's Place Detroit	✓	✓	✓	

Workforce Development



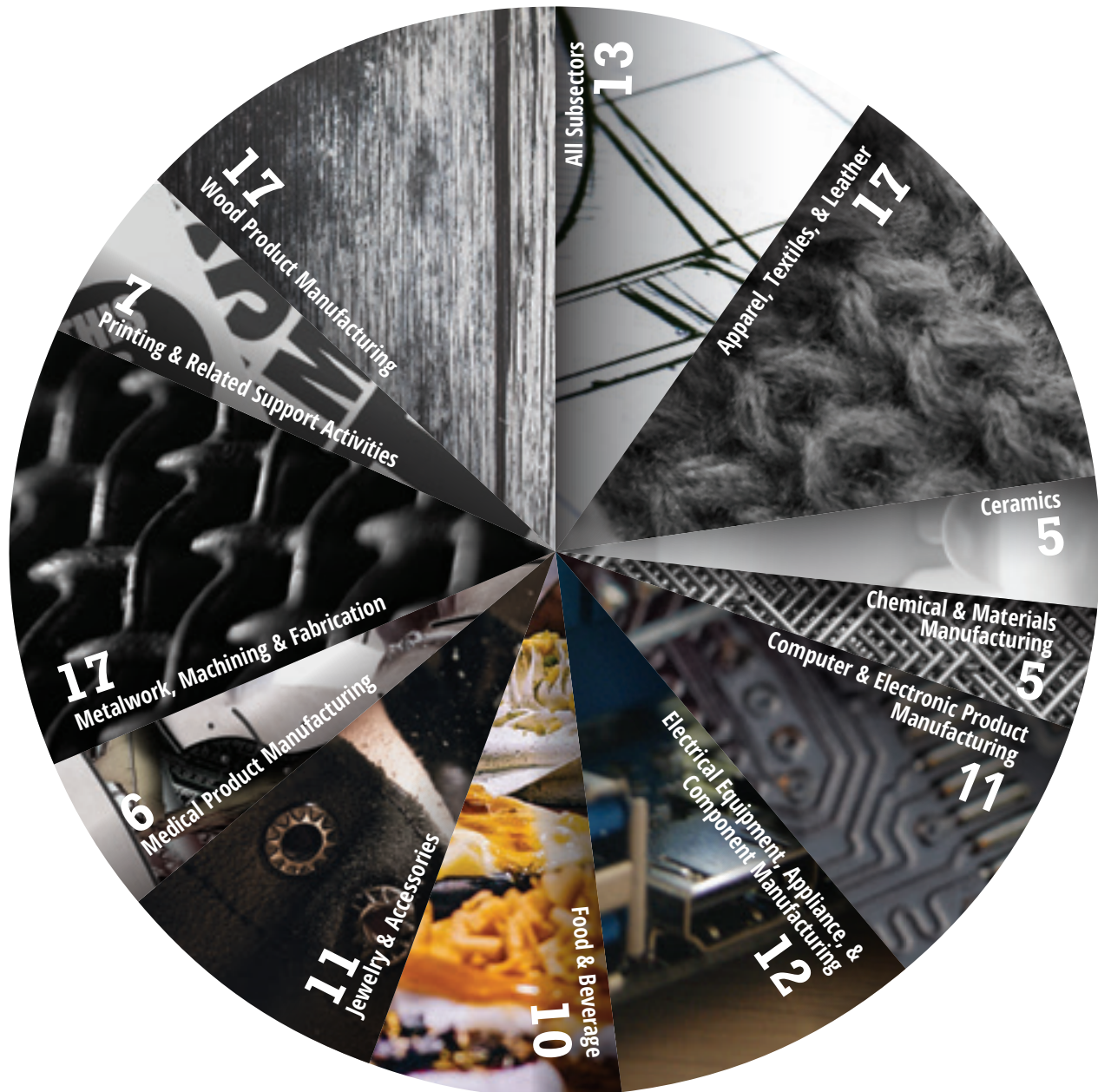
	Apprenticeship Organization	Community College	Four-Year University/College	K-12 Institutions	Labor Union	Non-School-Affiliated Training	Staffing Agency	Technical College	Trade Group
Automation Alley									✓
Brightmoor Maker Space at the Detroit Community Schools	✓			✓					
Cass Community Social Services	✓								
Center for Craft & Applied Arts	✓					✓			✓
Davison Sewing	✓								
Detroit Center for Design + Technology	✓			✓				✓	
Detroit Creative Corridor Center (DC3)									✓
Elijah J. McCoy Midwest Regional U.S. Patent and Trademark Office		✓	✓	✓				✓	✓
Focus: HOPE	✓					✓			
Incite Focus	✓								
Jackson Makerspace	✓					✓			
Michigan Manufacturing Technology Center						✓			
OmniCorpDetroit						✓			
Ponyride	✓					✓			
ProsperUS Detroit	✓					✓			
Uplift	✓					✓			
Wayne County Community College District	✓	✓							
William & Bonnie	✓								
Woodward Throwbacks	✓								
Workforce Intelligence Network	✓	✓		✓	✓			✓	

Community Building/ Ombudsman Services



	Advocacy Organization	Community Building	Community Organizing for Industrial Business	Networking Organization	Regulatory Services
Automation Alley				✓	
Brightmoor Maker Space at the Detroit Community Schools		✓		✓	
Build Institute				✓	
Cass Community Social Services		✓			
Center for Craft & Applied Arts	✓	✓		✓	
DEGC - Built in Detroit	✓			✓	
Detroit Center for Design + Technology		✓			
Detroit Creative Corridor Center (DC3)	✓	✓		✓	
Detroit Economic Growth Corporation	✓	✓		✓	
Detroit Future City	✓	✓		✓	
Detroit Kitchen Connect				✓	
Detroit Public Library	✓	✓		✓	
Elijah J. McCoy Midwest Regional U.S. Patent and Trademark Office			✓		✓
FoodLab Detroit	✓	✓	✓	✓	
Invest Detroit			✓		
Inventor's Association of Metropolitan Detroit (IAMD)				✓	
McCormick's Place Detroit	✓	✓			
Michigan Inventors Coalition				✓	
New Economy Initiative				✓	
OmniCorpDetroit		✓	✓		
Ponyride		✓			
ProsperUS Detroit		✓		✓	
The Michigan Manufacturing Technology Center				✓	
Workforce Intelligence Network				✓	

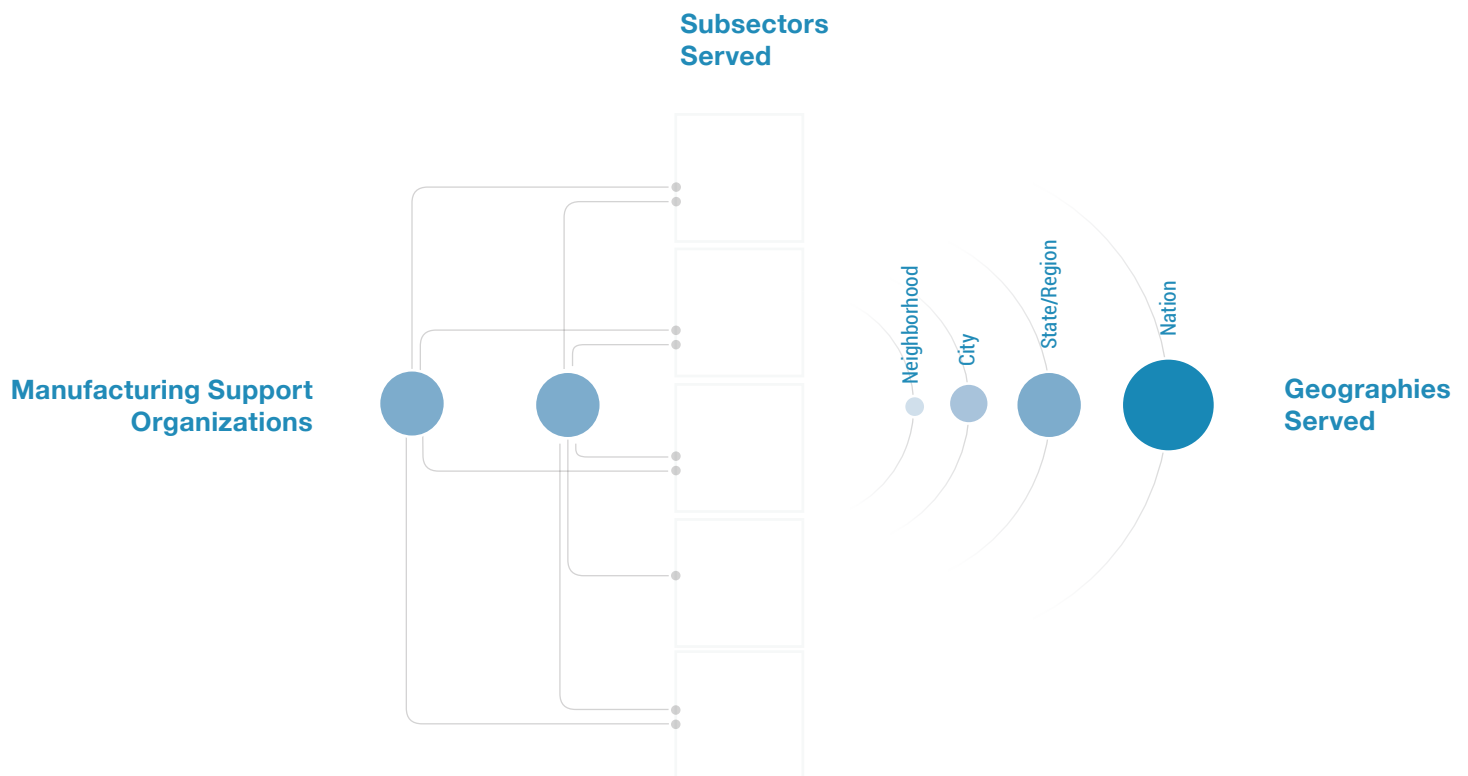
Manufacturing Subsectors Served



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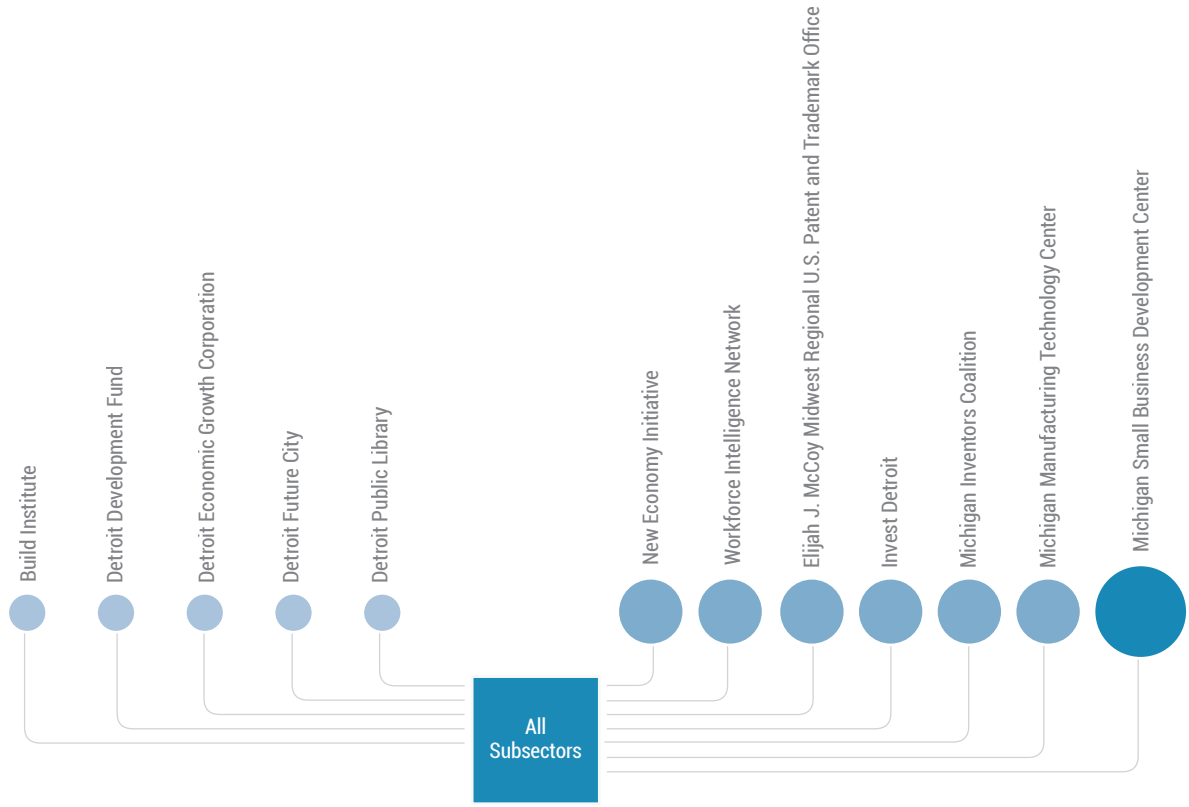
Service providers were able to select more than one subsector.

Subsectors and Geographies Served



KEY

The above key is for the visualization on the following page.





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