Nation of Makers *invites you to* **MAKE THE DATA**

Blog of the Nation of Makers Data Working Group

The Nation of Makers 2019 Annual Survey of Makerspaces

Nation of Makers 2019 Survey of Makerspaces - Membership Survey

About You

Let us know about you to help us understand the qualities, characteristics and experience in the membership of our nation's makerspaces.

This information will be shared back with your makerspace if they get 1 Economies survey and 20% of your space's membership to fill out membership surveys and 3 leaders to respond.

Any reports we deliver back to your space or publish on makethedata.org, or anywhere else will NEVER contain any personally identifiable information.

Additionally, if we get 1 Economies survey, 1 Member Survey and 1 Leadership survey back from your space, we will send the Member and the Leader a challenge coin. Check www.makethedata.org/take-the-survey for details.

Note: If you are a member of multiple makerspaces, please answer the questions about your primary makerspace, or the one you spend the most time at.

1. First Name
(We need this if you want a challenge coin sent to your space.)

[   ]

2. Last Name
(We need this if you want a challenge coin sent to your space.)

[   ]

* 3. Your Primary Makerspace's Name:

(These names are from last year's responses. If your makerspace isn't included, you will need to enter the Name under "Other")

[dropdown field]

[text field]

* 4. Your Primary Makerspace's Zip Code *(even if it is in the above list)*

[text field]

* 5. Your Zip Code

[text field]

6. Your Email Address

[text field]

* 7. Your age range

- ◯ 13-16 years old
- ◯ 17-19 years old
- ◯ 20-24 years old
- ◯ 25-29 years old
- ◯ 30-34 years old
- ◯ 35-39 years old
- ◯ 40-44 years old
- ◯ 45-49 years old

- ◯ 50-54 years old
- ◯ 55-59 years old
- ◯ 60-64 years old
- ◯ 65-69 years old
- ◯ 70-74 years old
- ◯ 75-79 years old
- ◯ 80+ years old

* 8. Your gender

- ◯ Male
- ◯ Female
- ◯ Non-binary
- ◯ Choose not to disclose

* 9. What is your employment status?

☐ Full-time ☐ Retired

☐ Part-time ☐ Unemployed - looking for work

☐ Student ☐ Unemployed - not looking for work

* 10. Your ethnicity

◯ Asian

◯ Black/African American

◯ Caucasian

◯ Hispanic/Latinx

◯ Native American

◯ Mixed Race

◯ Choose not to disclose

◯ Other (please specify)

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[                                        ]
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* 11. Highest level of education you have completed

◯ No degree

◯ High School

◯ GED

◯ Professional Certifications

◯ Some College

◯ Associate's Degree

◯ Bachelor's Degree

◯ Graduate (Master's, etc)

◯ Post-Graduate Studies (MD, PhD, etc)

◯ Other (please specify)

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[                                        ]
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12. If you have received a degree or certification(s), what did you receive it/them in?

Certifications

Associates Degree

Bachelors Minor

Bachelors Major

Masters

PhD

* 13. What is your professional background? (select all that apply):

(Note - these are taken from the Bureau of Labor Statistics so we can use our data against theirs. "Other" is an option if nothing else fits your background.)

☐ Management Occupations

☐ Business and Financial Operations Occupations

☐ Computer and Mathematical Occupations

☐ Architecture and Engineering Occupations

☐ Life, Physical, and Social Science Occupations

☐ Community and Social Service Occupations

☐ Legal Occupations

☐ Educational Instruction and Library Occupations

☐ Arts, Design, Entertainment, Sports, and Media Occupations

☐ Healthcare Practitioners and Technical Occupations

☐ Healthcare Support Occupations

☐ Protective Service Occupations

☐ Other (please specify)

☐ Food Preparation and Serving Related Occupations

☐ Building and Grounds Cleaning and Maintenance Occupations

☐ Personal Care and Service Occupations

☐ Sales and Related Occupations

☐ Office and Administrative Support Occupations

☐ Farming, Fishing, and Forestry Occupations

☐ Construction and Extraction Occupations

☐ Installation, Maintenance, and Repair Occupations

☐ Production Occupations

☐ Transportation and Material Moving Occupations

☐ Military Specific Occupations

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Your Relationship with the Makerspace

An individual's relationship with a makerspace can be for business, personal hobbies or community. Help us understand how long you have been involved with your makerspace and what your relationship is.

* 14. When did you become involved with your primary makerspace? (If you don't remember the exact date, estimate it as best you can.)

Date / Time

| MM/DD/YYYY |

* 15. What percentage of the time do you spend making at the following locations?*(Must add up to 100%. Please enter numbers only, no symbols.)*

My primary makerspace	
Home/garage	
At work - company lab/shop	
Other makerspace (not my primary space)	
Other (please specify)	

* 16. Do you pay a membership fee at your primary makerspace?

☐ Yes - Annually

☐ Yes - Monthly

☐ Yes - Occasionally (based on projects)

☐ No

☐ Other (please specify)

[   ]

* 17. On a scale of 1-7, to what extent have you used your primary makerspace for the following activities in the last 12 months?

	1 Not at all	2	3	4 Sometimes	5	6	7 Always
Tool use	○	○	○	○	○	○	○
Volunteering	○	○	○	○	○	○	○
Socialization	○	○	○	○	○	○	○
Learning new things (in general)	○	○	○	○	○	○	○
Taking a workshop or class	○	○	○	○	○	○	○
Learning from others	○	○	○	○	○	○	○
Sharing my knowledge	○	○	○	○	○	○	○
Meeting space for my interest groups	○	○	○	○	○	○	○
Gathering project feedback & experiences	○	○	○	○	○	○	○
Community impact projects	○	○	○	○	○	○	○
Project workspace	○	○	○	○	○	○	○
Running my own business	○	○	○	○	○	○	○
Meeting space for my business	○	○	○	○	○	○	○
Workforce development	○	○	○	○	○	○	○

Other (please specify)

[   ]

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Your Making

Everyone is attracted to makerspaces for different reasons, Help us understand why you are a member of this makerspace.

* 18. What do you make?

[   ]

* 19. "I make things primarily to..." (check all that apply):

☐ Earn my primary income

☐ Earn a little extra money in addition to my primary income

☐ Make things that I need and use in my daily life

☐ Have fun and/or express myself

☐ Learn new things

☐ Other (please specify)

[   ]

* 20. Why did you join your makerspace?

☐ Work on a specific project

☐ Access a specific tool

☐ Create art

☐ Be a part of a community

☐ Tinker, experiment and learn

☐ Take classes to gain skills and expertise

☐ Teach or mentor others

☐ Earn money, start or grow a business

☐ Have a place for my group or meetup to meet

☐ Other (please specify)

* 21. What tools or areas do you use in the makerspace? (Select all that apply)

- [ ] Plastic forming (injection molding, vacuuforming, etc.)
- [ ] 3D printing and scanning
- [ ] Composites (mould making, resins, fiberglass)
- [ ] Ceramics
- [ ] Painting and finishing (spray booth, dedicated painting area)
- [ ] Stage
- [ ] Dance studio
- [ ] Sewing
- [ ] Fiber/textiles
- [ ] Leatherworking
- [ ] Framing shop
- [ ] Commercial Kitchen
- [ ] Computer lab
- [ ] Audio/video/VR production studio
- [ ] Electronics and robotics
- [ ] Gardening/agriculture
- [ ] Stained glass/cold glass
- [ ] Torch, fusing, melting glass
- [ ] Glassblowing

- [ ] Jewelrymaking
- [ ] Lapidary
- [ ] Laser cutting/engraving
- [ ] Machine shop
- [ ] Sheet metal fabrication
- [ ] Welding
- [ ] Forging/Blacksmithing
- [ ] CNC Cutting tools
- [ ] Darkroom
- [ ] Photo studio
- [ ] Printing, Printmaking, Papermaking & Books
- [ ] Large format printing and vinyl cutting
- [ ] Wet lab/biospace
- [ ] Non-bio lab science space
- [ ] Clean room (controlled environment, restricted particulates for electronics or bio)
- [ ] General crafting tools
- [ ] Woodworking
- [ ] Automotive
- [ ] Bike repair (specific dedicated space)

- [ ] Other (please specify)

[   ]

* 22. What types of tools would you like to have available at your makerspace that you do not currently have? (You can reference the above list for ideas.)

[   ]

* 23. How often do you collaborate with other people in your makerspace on your projects?

	1 Never	2	3	4 Sometimes	5	6	7 Always
Never - always	○	○	○	○	○	○	○

* 24. How often do you collaborate with other people outside of the makerspace on your projects?

	1 Never	2	3	4 Sometimes	5	6	7 Always
Never - always	○	○	○	○	○	○	○

25. To what extent do you talk about what you are making with the following groups?:

	1 Never do this	2	3	4 Sometimes do this	5	6	7 Always do this
Family members or friends outside of MAKERSPACE	○	○	○	○	○	○	○
MAKERSPACE staff and instructors	○	○	○	○	○	○	○
Other MAKERSPACE members	○	○	○	○	○	○	○
Current or potential business customers	○	○	○	○	○	○	○
Current or potential business suppliers	○	○	○	○	○	○	○
Current or potential business advisors or investors	○	○	○	○	○	○	○

26. Thinking of yourself, how true or untrue is it that you currently:

	1 Am not doing this	2	3	4 May do this	5	6	7 Am doing this
Intend to set up a business in the future	○	○	○	○	○	○	○
Search for business start-up opportunities	○	○	○	○	○	○	○
Are saving money to start a business	○	○	○	○	○	○	○
Read books on how to set up a business	○	○	○	○	○	○	○
Have plans to launch your own business	○	○	○	○	○	○	○
Spend time learning about starting a business	○	○	○	○	○	○	○

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Your Involvement in the Makerspace

Everyone is different and every makerspace is different in their community involvement. Let us know how active you are in your makerspace.

27. What classes have you taken at your makerspace? Please separate classes with a ","

* 28. How many classes have you taken classes at your makerspace in the last 12 months?

* 29. Approximately how many hours a week do you spend at your makerspace, total?

* 30. Approximately how many hours a week do you volunteer at your makerspace?

31. If you do volunteer, what do you do? (Please mark all that apply)

☐ I don't volunteer		☐ Administrative work
☐ Clean		☐ Human Resources
☐ Fixing/maintaining equipment		☐ Serve on the board
☐ Teach		☐ Serve on a committee
☐ Mentor		☐ Marketing
☐ Staff open hours		☐ Design
☐ Help plan events		☐ IT/Systems administration
☐ Plan workshops or classes		☐ IT/Web development
☐ Manage makerspace finances		
☐ Other (please specify)		

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Inclusivity & Diversity Survey

Thank you to Coppin State University and Open Works in Baltimore for their Greater Spaces And Places work and letting us leverage their work by including the following questions about our makerspace communities.

* 32. In critical situations, I am encouraged to

○ ...ask questions without concern for how they are perceived although our community or organization has wide-ranging opinions.

○ ...avoid asking potentially sensitive questions in public forums because our community or organization has wide-ranging opinions.

○ ...keep discussions to a minimum because most community or organization members share our point of view.

○ ...share information freely because most community or organization members share our point of view.

* 33. When expressing my opinions, I...

○ ...am candid and open, knowing that we're all very different.

○ ...share widely but cautiously when it comes to the content because we're all very different

○ ...share cautiously with specific groups because we're all very similar

○ ...share lots of information with specific groups who are all very similar

* 34. Members of our community...

○ ...show appreciation for free-flowing information, even with those who do not share their values

○ ...show little appreciation for information sharing, but believe in including the entire community when information is distributed

○ ...share very little information and only with groups who share their values

○ ...show appreciation for free-flowing information to groups who share their values

* 35. Regarding controversial issues...

○ ...all perspectives are shared, and they are often very different.

○ ...a limited number of perspectives are shared, and they are often very different.

○ ...a limited number of perspectives are shared, and they are often very similar.

○ ...all perspectives are shared, and they are often very similar.

36. We have a strategy for communicating with individuals and groups outside of our makerspace...

○ ...that encourages open communication with a variety of different stakeholders from different perspectives

○ ...that recommends prudence when communicating with a variety of different stakeholders from different perspectives

○ ...that recommends prudence when communicating with stakeholders who share the same perspectives

○ ...that encourages open communication with stakeholders who usually share the same perspectives.

* 37. I speak...

○ ...at least two languages and enjoy sharing openly about my culture.

○ ...at least two languages but I'm not likely to share information about my culture.

○ ...one language and I'm not likely to share information about my culture.

○ ...one language and enjoy sharing openly about my culture

* 38. The individuals in our makerspace are...

○ ...primarily from different language speaking countries and we have specific processes for encouraging cultural exchange

○ ...primarily from different language speaking countries but we have minimal processes for encouraging cultural exchange

○ ...primarily from same language speaking countries and we have minimal processes for encouraging cultural exchange

○ ...primarily from same language speaking countries and we have specific processes for encouraging cultural exchange

* 39. Different ideas are...

○ ...welcomed in our community/organization and often shared.

○ ...welcomed in our community/organization but infrequently shared.

○ ...sometimes welcomed in our community/organization and sporadically shared.

○ ...sometimes welcomed in our community/organization and often shared.

* 40. Participative decision making is...

○ ...highly valued in our community/organization and part of our procedures.

○ ...highly valued in our community/organization but not part of our formal procedures.

○ ...not highly valued in our community/organization and not part of our formal procedures.

○ ...not highly valued in our community/organization although it is part of our formal procedures.

* 41. Our leadership...

○ ...welcomes the contribution of different ideas and frequently discusses them in open forums.

○ ...welcomes the contribution of different ideas but doesn't discuss them in open forums.

○ ...suppresses the contribution of different ideas and doesn't discuss them in open forums.

○ ...suppresses the contribution of different ideas but does discuss them in open forums.

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The Expectations

Here is where you can write your thoughts. This information will be shared back with your makerspace if they get 1 economies survey + 20% of the membership to fill out membership surveys + 3 leaders to respond. *It will not be attached to any personally identifiable information if/when shared with your space.*

* 42. How well is your makerspace meeting your expectations?

1 Never meeting expectations	2	3	4	5	6	7 Always exceeding expectations
◯	◯	◯	◯	◯	◯	◯

43. Where are they best meeting your expectations?

44. Where are they not meeting your expectations?

45. If a leader in your makerspace completes both the Leader and Makerspace Economy survey, you will get a challenge coin. Do you know of anyone at your space we should be sending those surveys to? If so, please share their email with us.