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The Nation of Makers 2019 Annual Survey of Makerspaces

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")

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

* 5. Your Zip Code

6. Your Email Address

* 7. Your age range

- | | |
|---------------------------------------|---------------------------------------|
| <input type="radio"/> 13-16 years old | <input type="radio"/> 50-54 years old |
| <input type="radio"/> 17-19 years old | <input type="radio"/> 55-59 years old |
| <input type="radio"/> 20-24 years old | <input type="radio"/> 60-64 years old |
| <input type="radio"/> 25-29 years old | <input type="radio"/> 65-69 years old |
| <input type="radio"/> 30-34 years old | <input type="radio"/> 70-74 years old |
| <input type="radio"/> 35-39 years old | <input type="radio"/> 75-79 years old |
| <input type="radio"/> 40-44 years old | <input type="radio"/> 80+ years old |
| <input type="radio"/> 45-49 years old | |

* 8. Your gender

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

* 9. What is your employment status?

- | | |
|------------------------------------|--|
| <input type="checkbox"/> Full-time | <input type="checkbox"/> Retired |
| <input type="checkbox"/> Part-time | <input type="checkbox"/> Unemployed - looking for work |
| <input type="checkbox"/> Student | <input type="checkbox"/> 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)

* 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)

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

Certifications	<input type="text"/>
Associates Degree	<input type="text"/>
Bachelors Minor	<input type="text"/>
Bachelors Major	<input type="text"/>
Masters	<input type="text"/>
PhD	<input type="text"/>

* 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.)

- | | |
|---|--|
| <input type="checkbox"/> Management Occupations | <input type="checkbox"/> Food Preparation and Serving Related Occupations |
| <input type="checkbox"/> Business and Financial Operations Occupations | <input type="checkbox"/> Building and Grounds Cleaning and Maintenance Occupations |
| <input type="checkbox"/> Computer and Mathematical Occupations | <input type="checkbox"/> Personal Care and Service Occupations |
| <input type="checkbox"/> Architecture and Engineering Occupations | <input type="checkbox"/> Sales and Related Occupations |
| <input type="checkbox"/> Life, Physical, and Social Science Occupations | <input type="checkbox"/> Office and Administrative Support Occupations |
| <input type="checkbox"/> Community and Social Service Occupations | <input type="checkbox"/> Farming, Fishing, and Forestry Occupations |
| <input type="checkbox"/> Legal Occupations | <input type="checkbox"/> Construction and Extraction Occupations |
| <input type="checkbox"/> Educational Instruction and Library Occupations | <input type="checkbox"/> Installation, Maintenance, and Repair Occupations |
| <input type="checkbox"/> Arts, Design, Entertainment, Sports, and Media Occupations | <input type="checkbox"/> Production Occupations |
| <input type="checkbox"/> Healthcare Practitioners and Technical Occupations | <input type="checkbox"/> Transportation and Material Moving Occupations |
| <input type="checkbox"/> Healthcare Support Occupations | <input type="checkbox"/> Military Specific Occupations |
| <input type="checkbox"/> Protective Service Occupations | |
| <input type="checkbox"/> Other (please specify) | |



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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

- * 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	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Volunteering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Socialization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning new things (in general)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Taking a workshop or class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning from others	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Sharing my knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting space for my interest groups	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gathering project feedback & experiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Community impact projects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project workspace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Running my own business	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meeting space for my business	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Workforce development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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)

- | | |
|--|--|
| <input type="checkbox"/> Plastic forming (injection molding, vacuufforming, etc.) | <input type="checkbox"/> Jewellerymaking |
| <input type="checkbox"/> 3D printing and scanning | <input type="checkbox"/> Lapidary |
| <input type="checkbox"/> Composites (mould making, resins, fiberglass) | <input type="checkbox"/> Laser cutting/engraving |
| <input type="checkbox"/> Ceramics | <input type="checkbox"/> Machine shop |
| <input type="checkbox"/> Painting and finishing (spray booth, dedicated painting area) | <input type="checkbox"/> Sheet metal fabrication |
| <input type="checkbox"/> Stage | <input type="checkbox"/> Welding |
| <input type="checkbox"/> Dance studio | <input type="checkbox"/> Forging/Blacksmithing |
| <input type="checkbox"/> Sewing | <input type="checkbox"/> CNC Cutting tools |
| <input type="checkbox"/> Fiber/textiles | <input type="checkbox"/> Darkroom |
| <input type="checkbox"/> Leatherworking | <input type="checkbox"/> Photo studio |
| <input type="checkbox"/> Framing shop | <input type="checkbox"/> Printing, Printmaking, Papermaking & Books |
| <input type="checkbox"/> Commercial Kitchen | <input type="checkbox"/> Large format printing and vinyl cutting |
| <input type="checkbox"/> Computer lab | <input type="checkbox"/> Wet lab/biospace |
| <input type="checkbox"/> Audio/video/VR production studio | <input type="checkbox"/> Non-bio lab science space |
| <input type="checkbox"/> Electronics and robotics | <input type="checkbox"/> Clean room (controlled environment, restricted particulates for electronics or bio) |
| <input type="checkbox"/> Gardening/agriculture | <input type="checkbox"/> General crafting tools |
| <input type="checkbox"/> Stained glass/cold glass | <input type="checkbox"/> Woodworking |
| <input type="checkbox"/> Torch, fusing, melting glass | <input type="checkbox"/> Automotive |
| <input type="checkbox"/> Glassblowing | <input type="checkbox"/> Bike repair (specific dedicated space) |
| <input type="checkbox"/> Other (please specify) | |

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* 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.)

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

[illegible]

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

[illegible]

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

[illegible]

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

[illegible]



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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)

- | | |
|---|--|
| <input type="checkbox"/> I don't volunteer | <input type="checkbox"/> Administrative work |
| <input type="checkbox"/> Clean | <input type="checkbox"/> Human Resources |
| <input type="checkbox"/> Fixing/maintaining equipment | <input type="checkbox"/> Serve on the board |
| <input type="checkbox"/> Teach | <input type="checkbox"/> Serve on a committee |
| <input type="checkbox"/> Mentor | <input type="checkbox"/> Marketing |
| <input type="checkbox"/> Staff open hours | <input type="checkbox"/> Design |
| <input type="checkbox"/> Help plan events | <input type="checkbox"/> IT/Systems administration |
| <input type="checkbox"/> Plan workshops or classes | <input type="checkbox"/> IT/Web development |
| <input type="checkbox"/> Manage makerspace finances | |
| <input type="checkbox"/> 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.



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

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.