



Nation of Makers

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Blog of the Nation of Makers Data Working Group

The Nation of Makers 2019 Annual Survey of Makerspaces

About Your Organization

As you go through the survey feel free to pull in additional leadership team members to work through sections of the survey. Please coordinate with your leadership team and make sure that we are getting ONE Economies Survey per makerspace location. You can check makethedata.org/leaderboard every week to see if your space's has been received.

DO NOT use the Back button on your browser. We have learned that this is a problem with Survey Monkey.

There is a PDF copy of the survey on makethedata.org/take-the-survey if you would like to print out or see a complete list of questions prior to taking the survey.

Results for the Survey of Makerspaces will be posted on makethedata.org, and the annual report will be delivered at NOMCON 2020.

Let's start off with some basic information about your makerspace.

- * 1. Select the name of your makerspace from this list. (The spaces in this list completed the survey last year. They are arranged by zip code.)

If it is not here, please select "Other" and then enter the name of your makerspace.

- * 2. Phone Number

3. Your Email Address (optional)

- * 4. Makerspace's Post or Zip Code

- * 5. What type of organization is your makerspace?

* 6. What is your governance model? How do most of the key operations decisions get made in your space.
(Select the one that applies most often to your space.)

- ☐ Cooperative: members make decisions collectively
- ☐ Democratic: member-elected board makes decisions
- ☐ Company: founders and/or hired staff make decisions
- ☐ Nonprofit: an independent board and executive director make decisions
- ☐ Institutional: we are a part of a larger institution such as a university or school
- ☐ Satellite: decisions are made by an external organization
- ☐ Other (please specify)

* 7. Date makerspace opened for business. (If you only know the month and year, leave the day as 01)

Date / Time



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Location(s)

* 8. Makerspace Address

* 9. City

* 10. State

* 11. Country



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The Numbers: Startup Costs

We are sure it was tough when you first got started. To help us understand the struggles and any funding capabilities you needed, please share the following information in the startup stage of your makerspace.

If you do not know the answer to the questions below, please enter 0 in the field. All values entered should be in US Dollars. Please note that commas and \$ symbols are not accepted in the fields below.

- * 12. How much funding did your space start out with, when you first opened your doors? *(Please use US Dollars - if you don't know, enter 0)*

- * 13. What was the value of in-kind donations that you started out with, when you first opened your doors? *(Please use US Dollars - if you don't know, enter 0)*

- * 14. What were your capital costs once you committed to the physical space through to your first 12 months after opening? Capital costs are fixed, one-time expenses incurred on the purchase or lease of land, buildings, construction, and equipment used in the organization. *(Please use US Dollars - if you don't know, enter 0)*

- * 15. What were your operating expenses (non-capital) the first year? *(Please use US Dollars - if you don't know, enter 0)*

* 16. Where did your funding for the first 12 months of operations come from? Include anything you spent before you opened plus the first year after you opened your doors.

- ☐ Founding members of the organization
- ☐ Grants
- ☐ Loans
- ☐ Individual donations/gifts
- ☐ Corporate sponsorships/corporate gifts
- ☐ Equity Investors
- ☐ City/Council funding
- ☐ County funding
- ☐ State funding
- ☐ Operating revenue (memberships & classes)
- ☐ Budget provided by a larger organization
- ☐ I do not know this information
- ☐ Other (please specify)



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The Numbers: Last Full Fiscal Year

Fast forward to today or at least the last full fiscal year reporting and let us know how you are doing on funding and expenses.

17. In the last 12 months, what percent of your revenue came from the following sources? *(Please enter whole numbers that add up to 100%, do not use symbols.)*

Membership	<input type="text"/>
Fee-based tool use (in your makerspace)	<input type="text"/>
Tool rental	<input type="text"/>
Classes	<input type="text"/>
Storage rentals	<input type="text"/>
Grants	<input type="text"/>
Donations - monetary	<input type="text"/>
Donations - in-kind	<input type="text"/>
Loans	<input type="text"/>
Materials charges	<input type="text"/>
Retail Product Sales	<input type="text"/>
Make/Design for hire services	<input type="text"/>
Training/Certification	<input type="text"/>
Events/Room rentals	<input type="text"/>
Studio rentals / Table rentals	<input type="text"/>
Office rentals	<input type="text"/>
Coworking	<input type="text"/>
Other	<input type="text"/>

* 18. What were your expenses in the following categories in the last year? *(Enter in whole numbers, without any symbols. Enter 0 if it doesn't apply to your space.)*

Consumables for tools

Debt service (loans)

Equipment maintenance
and repair

Facilities (maintenance
and cleaning)

Improvements to your
building

Instructor fees (if not staff)

Insurance

Marketing

New equipment

Professional services
(lawyer, accountant,
consultants)

Programming costs

Rent/mortgage

Staff wages/salaries

Utilities

Other



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Access to Your Space

Let us know how you currently provide access to your space and tools.

* 19. How do you classify memberships? *(Select all that apply)*

- ☐ Household
- ☐ Group
- ☐ Family
- ☐ Senior
- ☐ Individual
- ☐ Student
- ☐ Corporate/Organizational
- ☐ No Memberships
- ☐ Other (please specify)

* 20. What length(s) of memberships do you offer?

- ☐ Annual
- ☐ Monthly
- ☐ Daily
- ☐ Hourly
- ☐ No memberships offered
- ☐ Other (please specify)

* 21. Do you have tiers of membership that provide different levels of access? (can select multiple)

- ☐ Yes - by times allowed to access space
- ☐ Yes - by things you are allowed to do in the space or areas.
- ☐ No - all members have access to everything
- ☐ Other (please specify)

* 22. Do you offer 24 hour access for some or all members?

- ☐ Yes - for all members
- ☐ Yes - for a subset of members
- ☐ No

* 23. What is your monthly minimum fee for access, per member, for members that pay a fee? (*First pricing tier ABOVE free membership*)

If you do not charge membership fees, enter 0

* 24. What is your monthly maximum fee for access, per member, for members that pay a fee?

If you do not charge membership fees, enter 0



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Your Tools, Capabilities, and Programming Offerings

Please share what types of tools, making and programming you offer.

* 25. What services and tools does your makerspace offer? *(Please select all that apply.)*

- | | |
|--|--|
| <input type="checkbox"/> Plastic forming (injection molding, vacuumforming, etc.) | <input type="checkbox"/> Lapidary |
| <input type="checkbox"/> 3D printing and scanning | <input type="checkbox"/> Laser cutting/engraving |
| <input type="checkbox"/> Composites (mould making, resins, fiberglass) | <input type="checkbox"/> Machine shop |
| <input type="checkbox"/> Ceramics | <input type="checkbox"/> Sheet metal fabrication |
| <input type="checkbox"/> Painting and finishing (spray booth, dedicated painting area) | <input type="checkbox"/> Welding |
| <input type="checkbox"/> Stage | <input type="checkbox"/> Forging/Blacksmithing |
| <input type="checkbox"/> Dance studio | <input type="checkbox"/> CNC Cutting tools - \$1999 retail value or below |
| <input type="checkbox"/> Sewing | <input type="checkbox"/> CNC Cutting tools - \$2000 retail value - \$19,999 |
| <input type="checkbox"/> Fiber/textiles | <input type="checkbox"/> CNC Cutting tools - \$20k and above retail |
| <input type="checkbox"/> Leatherworking | <input type="checkbox"/> Darkroom |
| <input type="checkbox"/> Framing shop | <input type="checkbox"/> Photo studio |
| <input type="checkbox"/> Commercial Kitchen | <input type="checkbox"/> Printing, Printmaking, Papermaking & Books |
| <input type="checkbox"/> Computer lab | <input type="checkbox"/> Large format printing and vinyl cutting |
| <input type="checkbox"/> Audio/video/VR production studio | <input type="checkbox"/> Wet lab/biospace |
| <input type="checkbox"/> Electronics and robotics | <input type="checkbox"/> Non-bio lab science space |
| <input type="checkbox"/> Gardening/agriculture | <input type="checkbox"/> Clean room (controlled environment, restricted particulates for electronics or bio) |
| <input type="checkbox"/> Stained glass/cold glass | <input type="checkbox"/> General crafting tools |
| <input type="checkbox"/> Torch, fusing, melting glass | <input type="checkbox"/> Woodworking |
| <input type="checkbox"/> Glassblowing | <input type="checkbox"/> Automotive |
| <input type="checkbox"/> Jewellerymaking | <input type="checkbox"/> Bike repair (specific dedicated space) |
| <input type="checkbox"/> Other (please specify) | |

* 26. Does your makerspace also provide any of the following?

- | | |
|--|---|
| <input type="checkbox"/> Large project space - indoor | <input type="checkbox"/> Data center / server racks |
| <input type="checkbox"/> Large project space - outdoor | <input type="checkbox"/> Coffee shop |
| <input type="checkbox"/> Flexible fabrication/production space | <input type="checkbox"/> Quiet/phone rooms |
| <input type="checkbox"/> Conference room | <input type="checkbox"/> Social/Hangout space |
| <input type="checkbox"/> Classroom(s) | <input type="checkbox"/> Informal kitchen |
| <input type="checkbox"/> Coworking shared space | <input type="checkbox"/> Food vending |
| <input type="checkbox"/> Studio Rooms | <input type="checkbox"/> Library |
| <input type="checkbox"/> Office Rooms | <input type="checkbox"/> Retail shop |
| <input type="checkbox"/> Dedicated Desk, Bench or Tables | <input type="checkbox"/> Gallery |
| <input type="checkbox"/> Open workbenches | <input type="checkbox"/> Gaming/arcade |

* 27. What type of programming do you offer?

- ☐ Entrepreneurship/business support services
- ☐ Offsite educational outreach
- ☐ Tool orientation and safety training
- ☐ Planned/organized community builds
- ☐ Planned/organized community service projects
- ☐ One-off classes for youth (make a single project, includes one or multi-day workshops)
- ☐ Courses for youth (series of classes)
- ☐ Camps for youth
- ☐ One-off classes for adult (make a single project, includes one or multi-day workshops)
- ☐ Courses for adult (series of classes)
- ☐ Before/After school programming for youth
- ☐ Vocational training - non-certified
- ☐ Vocational training - with certification
- ☐ We don't have formal programming
- ☐ Educational team or club hosting/support (4H, scouts, first robotics club, etc)
- ☐ Competition hosting (battle bots, 48 hour film project, etc)
- ☐ Family programming
- ☐ Maker events/fares/festivals

28. How many total hours of classes do you offer per month?

29. What is the average number of people who visit your space each month? *(Answer as accurately as you can. If you do not know, then skip the question.)*

Members

Guests/non-
members/visitors

* 30. How important are each of the following to the mission of your makerspace?

	0 - Not at all	1	2	3 - Fairly important	4	5	6 - Key to our mission	N/A
Education	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Economic Development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Skills training	<input type="radio"/>	<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"/>	<input type="radio"/>
Shared community workspace	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Art/culture development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

* 31. Current number of paid memberships

* 32. Current number of free/granted memberships

* 33. Do you offer discounts? If so, to what groups?

- ☐ No - we don't charge
- ☐ No - no discounts
- ☐ Yes - Seniors
- ☐ Yes - Military
- ☐ Yes - Teachers
- ☐ Yes - Family
- ☐ Yes - Student
- ☐ Yes - Needs-based
- ☐ Yes - Volunteers
- ☐ Yes - Other (please specify)

* 34. Do you have tool use charges?

- ☐ No
- ☐ Yes - Time based
- ☐ Yes - By material used (3D printing filament or welding gas used, etc.)
- ☐ Yes - By income off of usage
- ☐ Yes - Volume of usage
- ☐ Yes - Flat fee
- ☐ Yes - Other

35. If you charge for tool use, which tools do you charge for use of? (Please separate with commas)

* 36. Do you track usage of specific tools? If yes, how?

- ☐ Yes, via member self-reporting or logging tool usage
- ☐ Yes, via fob, card, or other digital access control
- ☐ Yes, via in person accountability ("shop steward"/"tool boss")
- ☐ Yes, via online calendar
- ☐ No, we don't track usage
- ☐ Other (please specify)

* 37. Is some of your equipment locked and opened by access card, fob, key, or login?

- ☐ Yes
- ☐ No

38. If some of your equipment is access controlled, what tools are locked or access controlled?

* 39. Do you provide consumable items for your tools?

(Consumables are Items that are used in the process of making that do not become a part of the end product. Examples of consumables are drill bits or welding gas. 3D printing filament is NOT a consumable, as it becomes the final product.)

- ☐ Yes
- ☐ No

* 40. Do you charge fees for breakage?

- ☐ Yes
- ☐ No

41. How often do you market your makerspace using the following channels?

	1 - Never	2	3 -	4 - Sometimes	5	6	7 - Always
Facebook	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Instagram	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Email newsletter	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Newspaper ads	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Local magazine/news	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
TV	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
YouTube	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Radio	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Meetup	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor signage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Posters	<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 Team and Facility

* 42. Current square footage of your makerspace

* 43. Does your makerspace rent or own your current facility?

- ☐ Rent
- ☐ Rent - discounted/partially donated
- ☐ Rent-to-own
- ☐ Own - makerspace pays a mortgage
- ☐ Own - outright own the space
- ☐ In-kind - Space is granted or donated to us
- ☐ Allocated - We are part of a larger institution
- ☐ Other (please specify)

44. If "own" is marked above - How much did you pay for the property?

45. What is the total cash and in kind value of improvements you have made over time to your current space?

46. If you rent, what is your monthly rent?

* 47. What is your monthly utility cost?

(If it is donated, please enter the value of the donation for these items. Use whole numbers with no symbols.)

Water

Gas

Sewer

Electric

Internet

Phone

Other

* 48. How many individuals are employed or are active in running your space? *(Please enter in whole numbers with no symbols.)*

Full-time

Part-time

Volunteer



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The Backgrounds of the People You Serve

We realize that not all makerspaces track demographic information for the people they serve. Answer the following to the best of your ability.

49. What types of demographic data do you track? *(Select those which apply)*

- ☐ Age - All ranges
- ☐ Age - Under 18 and over 18 only
- ☐ Gender
- ☐ Race
- ☐ None
- ☐ Other (please specify)

50. What percentage of makers that use your space are within the following age ranges?
(Answer as best you can)

12 years old and under	<input type="text"/>
13-16 years old	<input type="text"/>
17-19 years old	<input type="text"/>
20-24 years	<input type="text"/>
25-34 years old	<input type="text"/>
35-44 years old	<input type="text"/>
45-54 years old	<input type="text"/>
55-64 years old	<input type="text"/>
65-74 years old	<input type="text"/>
75-84 years old	<input type="text"/>
85+ years old	<input type="text"/>

51. What percentage of makers that use your space are of the following genders?

Male	<input type="text"/>
Female	<input type="text"/>
Non-binary/other	<input type="text"/>