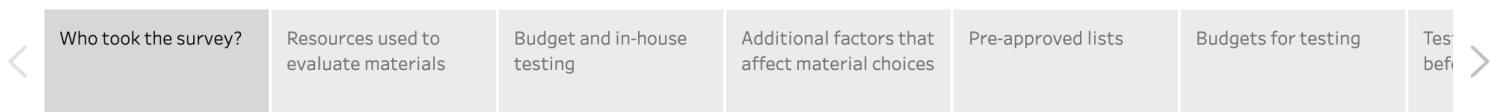


Materials Working Group Survey

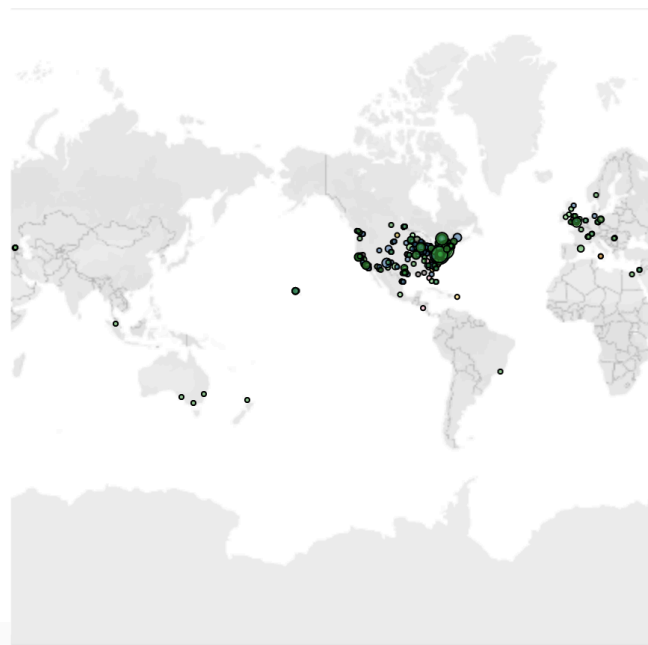
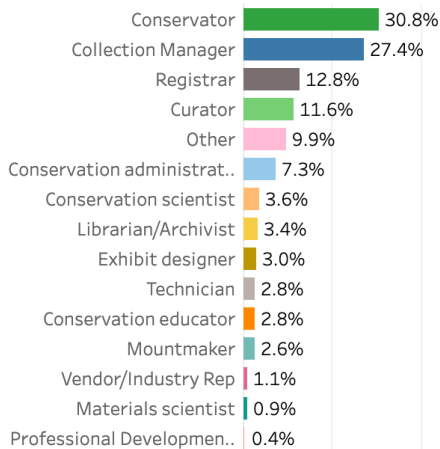


467 people took the *Materials Selection Survey*.

14% (64) indicated more than one primary job, for a total of 562 "primary job" responses. **84% (394)** are in the United States and **16% (73)** are elsewhere.

Click on a bar to filter the map by primary job.
 Hover over a mark to see details. (Click on the bar again to remove filter.)

Hover over the map to bring up zoom tools.



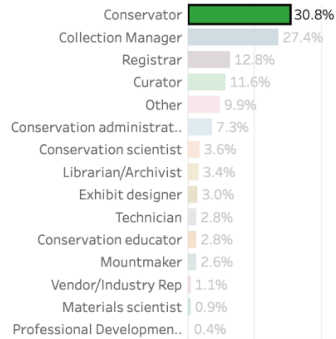
Materials Working Group Survey

- Who took the survey?
- Resources used to evaluate materials
- Budget and in-house testing
- Additional factors that affect material choices
- Pre-approved lists
- Budgets for testing
- Test before

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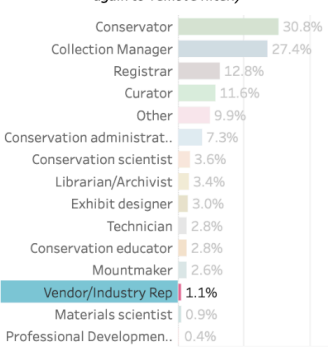
Data: Materials Working Group, *Materials Selection Survey*
Visualization: Julie Unruh
6 July 2020

© 2020 Mapbox © OpenStreetMap

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Materials Working Group Survey

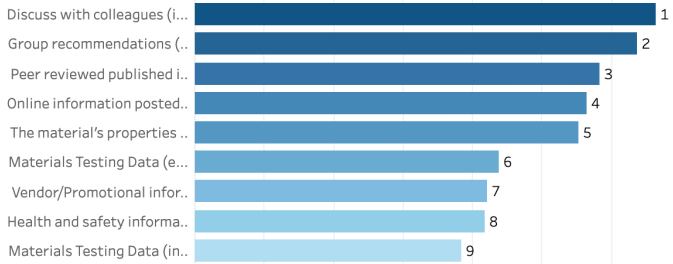
- Who took the survey?
- Resources used to evaluate materials**
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- Test before

Resources used to evaluate materials are ranked differently for regularly-used vs. new materials .
 For both types of materials, rank order varies by profession.

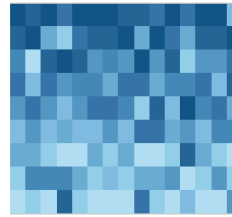
Use checkboxes to filter rankings by primary job.

- (All)
- Collection Manager
- Conservation admini...
- Conservation educat...
- Conservation scientist
- Conservator
- Curator
- Exhibit designer
- Librarian/Archivist
- Materials scientist
- Mountmaker
- Other
- Professional Develo...
- Registrar
- Technician
- Vendor/Industry Rep

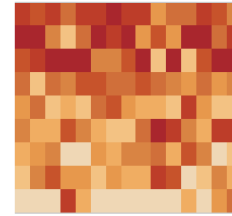
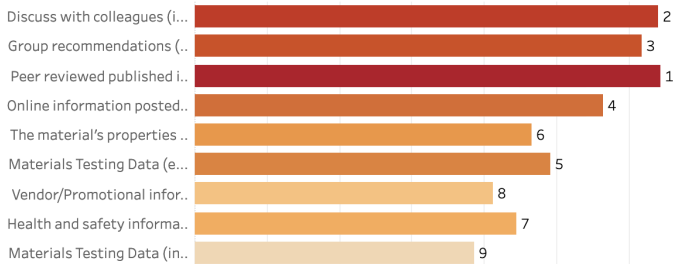
Resources reviewed for regularly used materials.



All ranks/all jobs. Hover for details.



Resources reviewed for new materials. Note different rank order.

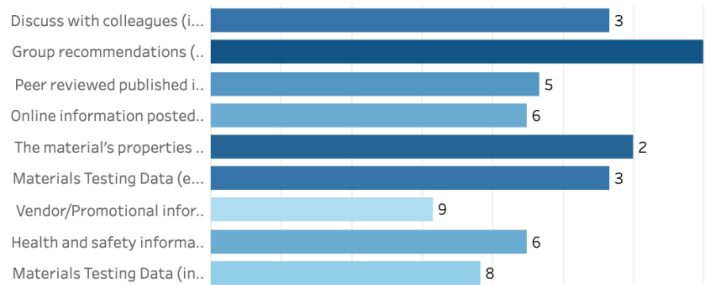


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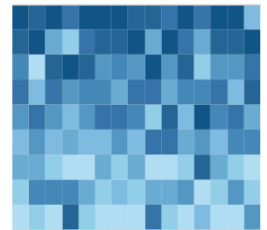
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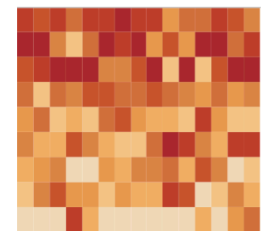
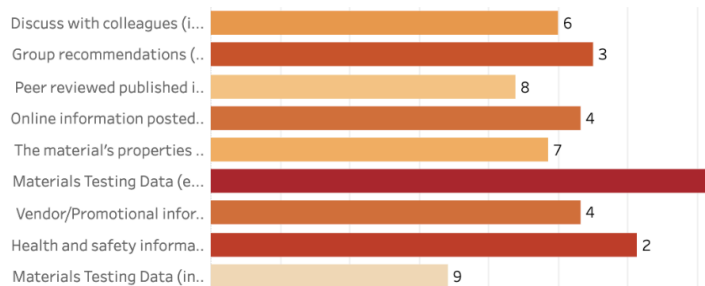
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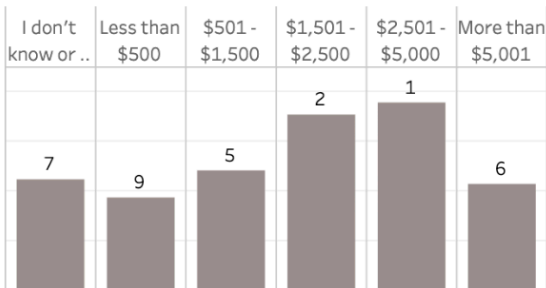
Materials Working Group Survey

Who took the survey?	Resources used to evaluate materials	Budget and in-house testing	Additional factors that affect material choices	Pre-approved lists	Budgets for testing	Test before
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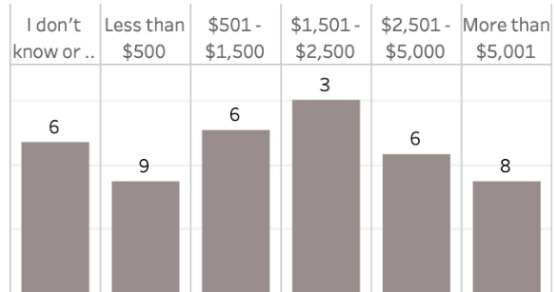
Respondents who only test in-house rank in-house testing higher than those who test both in- and out-of-house.



For evaluation of regularly-used materials, a larger testing budget corresponds to higher ranking of in-house testing results - to a point. **Some respondent counts may be too low to allow conclusions. Hover for details.**



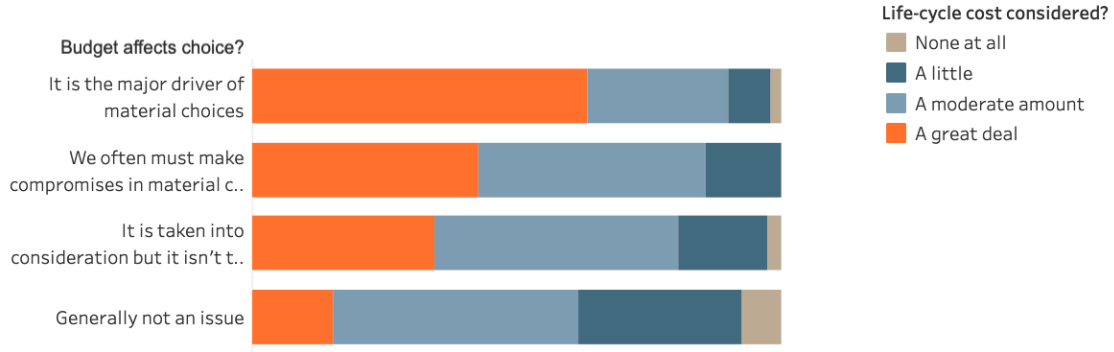
The same relationship between testing budget and in-house test results rank does not exist for evaluation of new materials. **Some respondent counts may be too low to allow conclusions. Hover for details.**



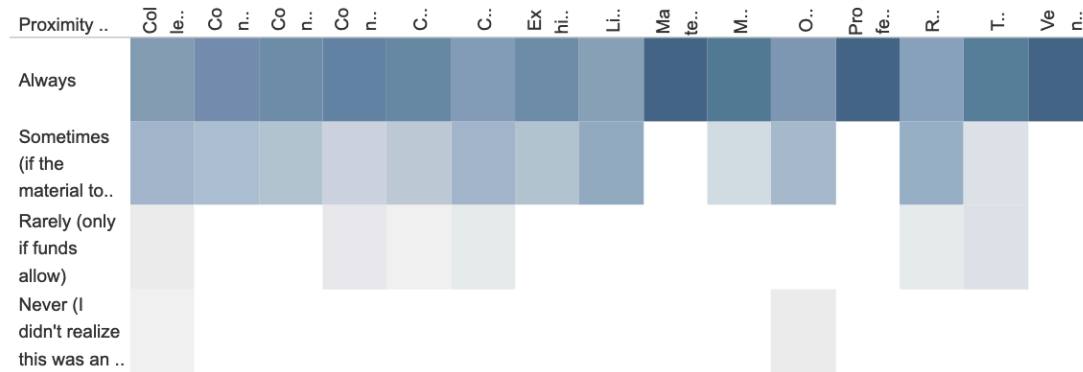
Materials Working Group Survey

Who took the survey?	Resources used to evaluate materials	Budget and in-house testing	Additional factors that affect material choices	Pre-approved lists	Budgets for testing	Test before
----------------------	--------------------------------------	-----------------------------	---	--------------------	---------------------	-------------

Budget for materials may correlate with concern for life-cycle cost and sustainability.



Proximity to collections matters more to some professions than others. Some respondent counts may be too low to allow conclusions. *Hover for details.*

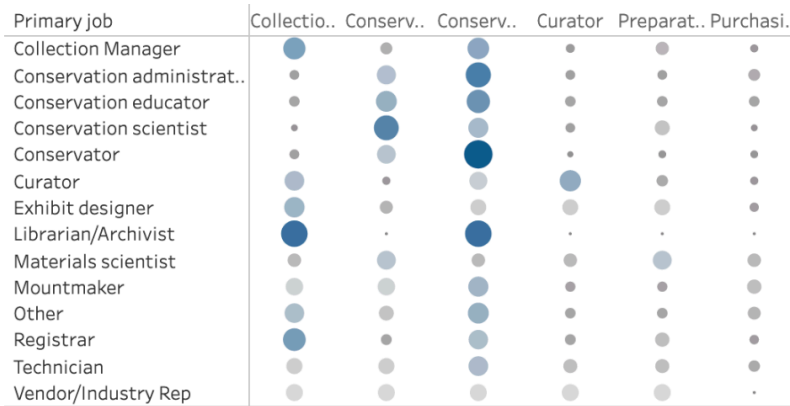


Materials Working Group Survey

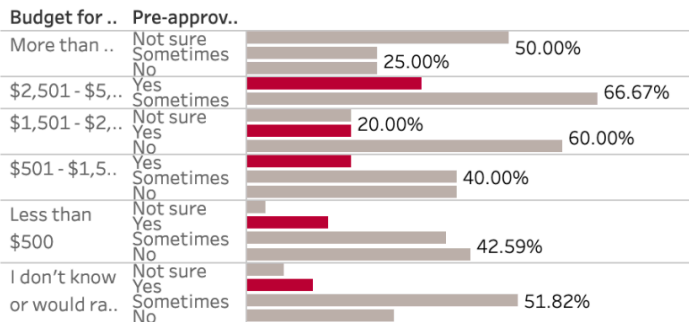
<	Who took the survey?	Resources used to evaluate materials	Budget and in-house testing	Additional factors that affect material choices	Pre-approved lists	Budgets for testing	Test before	>
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Different professions use pre-approved materials lists defined by different professionals. Most lists are defined by collections managers, conservation scientists, and conservators.

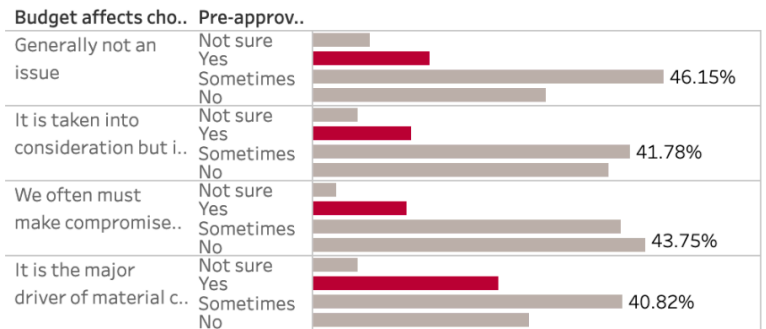
Who defines the pre-approved list?



Respondents with a \$2,501 - \$5,000 testing budget may be most likely to choose materials from a pre-approved list. **Some respondent counts may be too low to allow conclusions. Hover for details.**

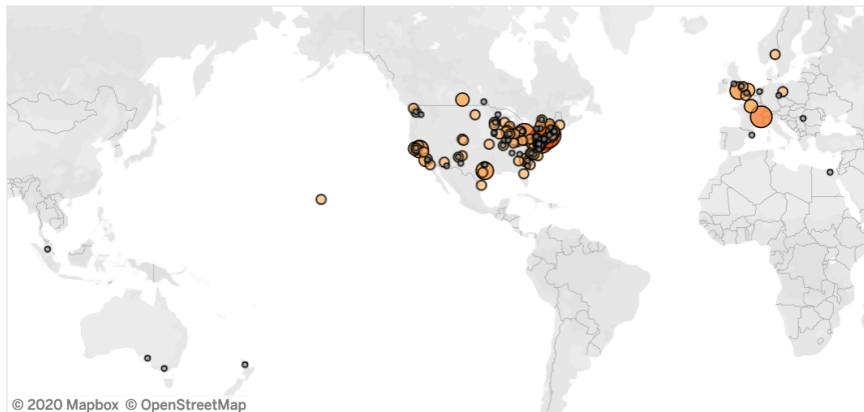


Respondents with budgets that drive purchasing choices may be most likely to choose materials from a pre-approved list. **Some respondent counts may be too low to allow conclusions. Hover for details.**



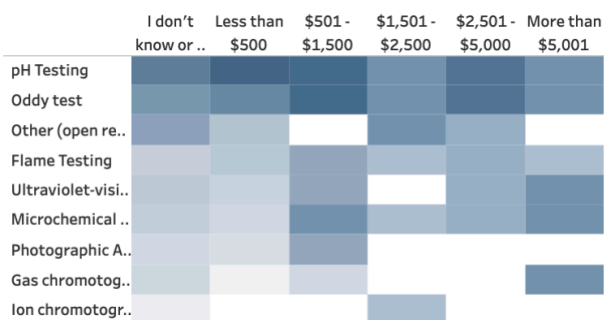
Materials Working Group Survey

The largest budgets for testing are on the east coast of the United States.

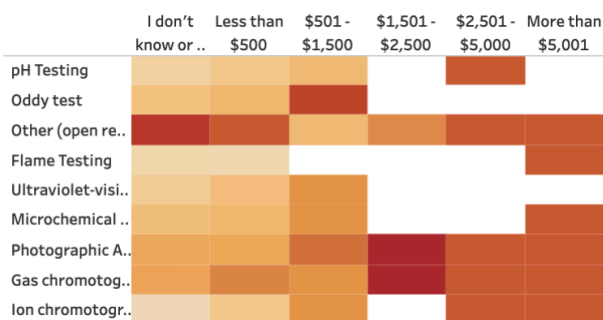


Size of testing budget loosely correlates with tests performed in-house vs. out-of-house. **Some respondent counts may be too low to draw conclusions. Hover for details.**

Tests in-house / budget for testing

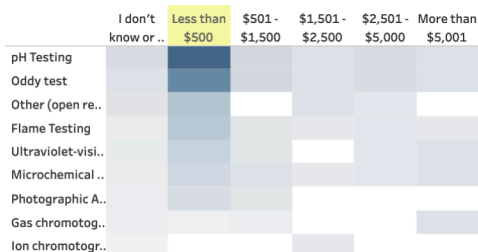


Tests sent out / budget for testing

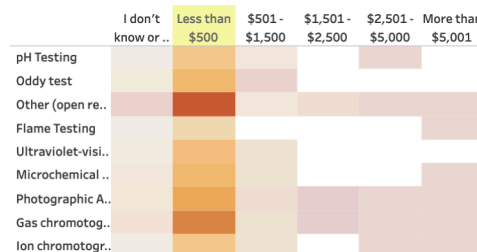


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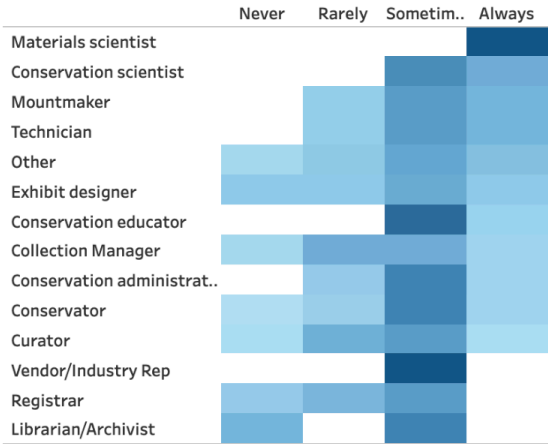
Tests sent out / budget for testing



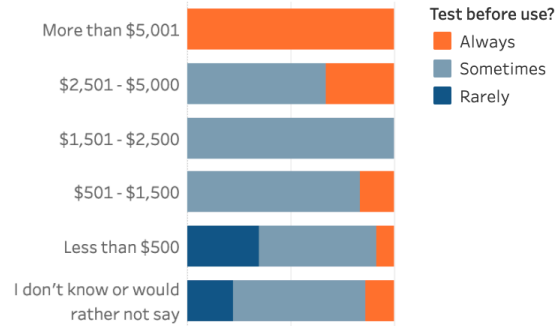
Materials Working Group Survey

Resources used to evaluate materials	Budget and in-house testing	Additional factors that affect material choices	Pre-approved lists	Budgets for testing	Testing materials before use	How are resources used?
--------------------------------------	-----------------------------	---	--------------------	---------------------	------------------------------	-------------------------

Most respondents sometimes test materials before use.



A larger budget for testing appears to correlate with higher always percentages, but **respondent counts are too low in higher budget categories to allow conclusions. *Hover for details.***



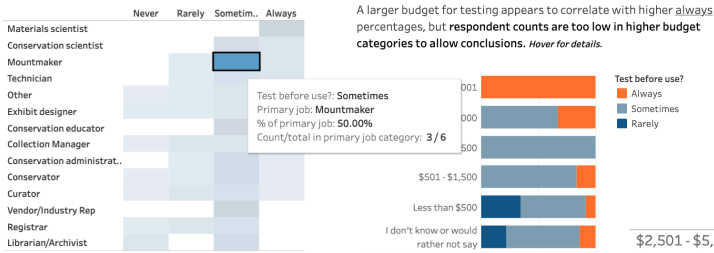
There isn't a clear correlation between budget for testing and standards used. **Respondent counts are too low in some budget categories to allow conclusions.**

Budget Category	Standard Used	Percentage
\$2,501 - \$5,000	Neither	33.33%
	Internal	33.33%
	Both	33.33%
\$1,501 - \$2,500	Both	100%
	Internal	33.33%
\$501 - \$1,500	Internal	33.33%
	Both	33.33%
	Published	33.33%
Less than \$500	Neither	7.14%
	Internal	7.14%
	Both	28.57%
	Published	57.14%
I don't know or would rather not say	Neither	11.32%
	Internal	47.17%
	Both	33.96%
	Published	33.96%

Materials Working Group Survey

Resources used to evaluate materials	Budget and in-house testing	Additional factors that affect material choices	Pre-approved lists	Budgets for testing	Testing materials before use	How are resources used?
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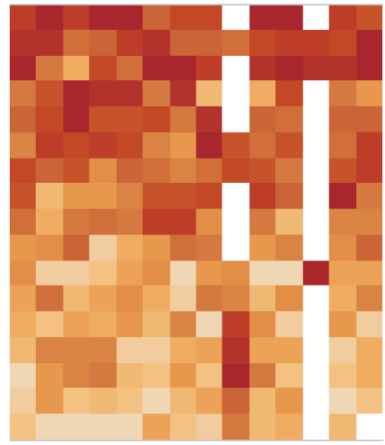
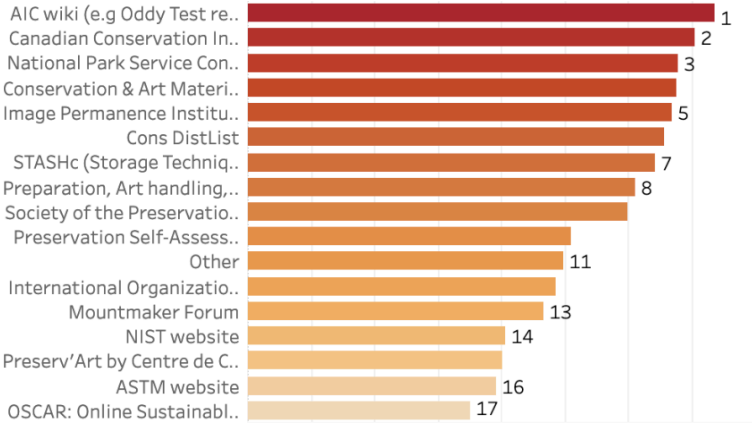
Budget for testing: \$501 - \$1,500
 External/internal standards?: Internal
 % of budget category: 33.33%
 Count/total in budget category: 2/6

Materials Working Group Survey

Different professions rank online resources differently. Online resources are ranked differently in North America than elsewhere. The "elsewhere" sample size is small (22/272 respondents, 8%).

Use checkboxes to filter.

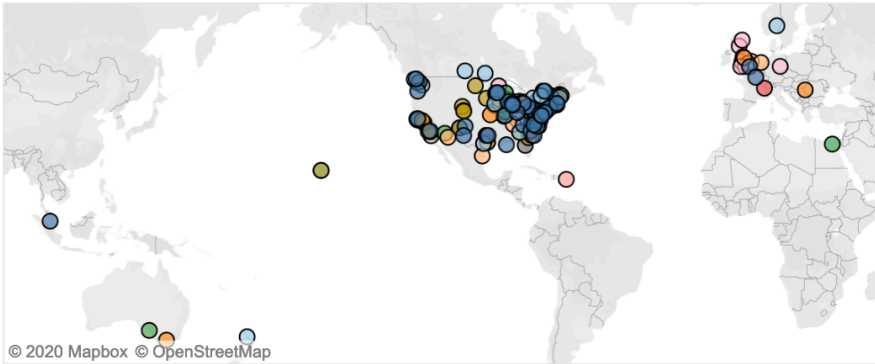
- (All)
- Collection Manager
- Conservation administr...
- Conservation educator
- Conservation scientist
- Conservator
- Curator
- Exhibit designer
- Librarian/Archivist
- Materials scientist
- Mountmaker
- Other
- Professional Developme...
- Registrar
- Technician



14 out of 17 resources received at least one "1" ranking.

Seven resources were ranked "1" in the United States only (ISO, NPS Conserv-O-Grams, NIST, PACCIN, PSAP, SPNHC, STASHc).

- North America/Other locations**
- (All)
 - All other locations
 - North America



- Resource ranked "1"**
- AIC wiki (e.g Oddy Tes...
 - Canadian Conservatio...
 - Cons DistList
 - Conservation & Art M...
 - Image Permanence In...
 - International Organiz...
 - National Park Service ...
 - NIST website
 - Other
 - Preparation, Art hand...
 - Preserv'Art by Centre...

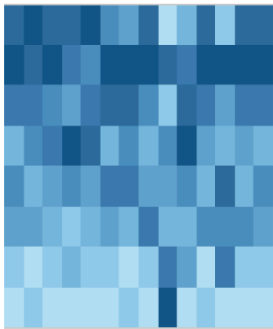
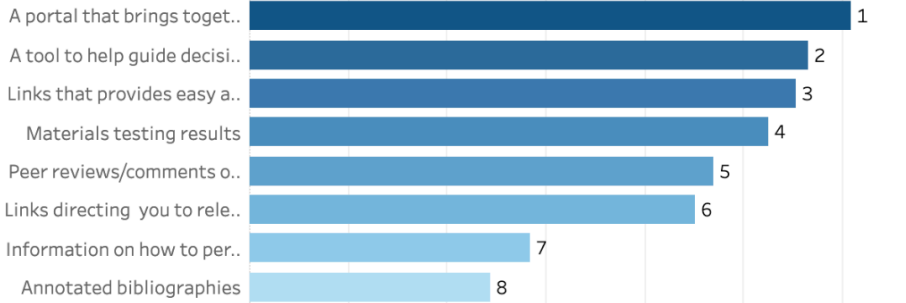
Materials Working Group Survey

Different professions want slightly different things in an online resource.

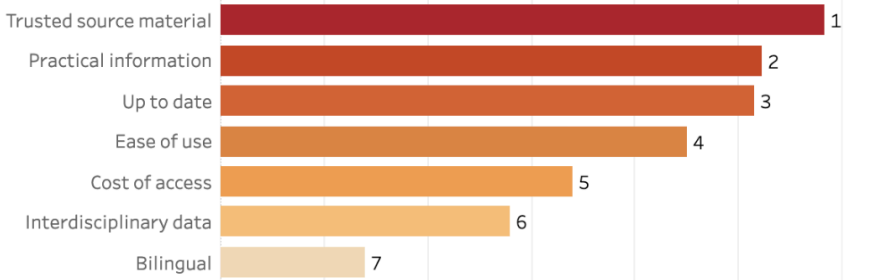
Use checkboxes to filter.

- (All)
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- Conservation scientist
- Conservator
- Curator
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- Materials scientist
- Mountmaker
- Other
- Professional Developme...
- Registrar
- Technician

What respondents would like in an online resource



The most important qualities in an online resource



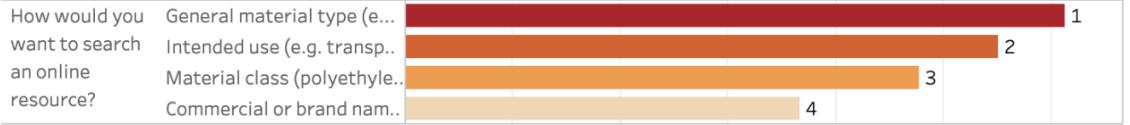
Materials Working Group Survey

<	re-approved lists	Budgets for testing	Testing materials before use	How are online resources ranked?	"Wants" for an online resource	How want to search an online resource	Willing an onli to volu	>
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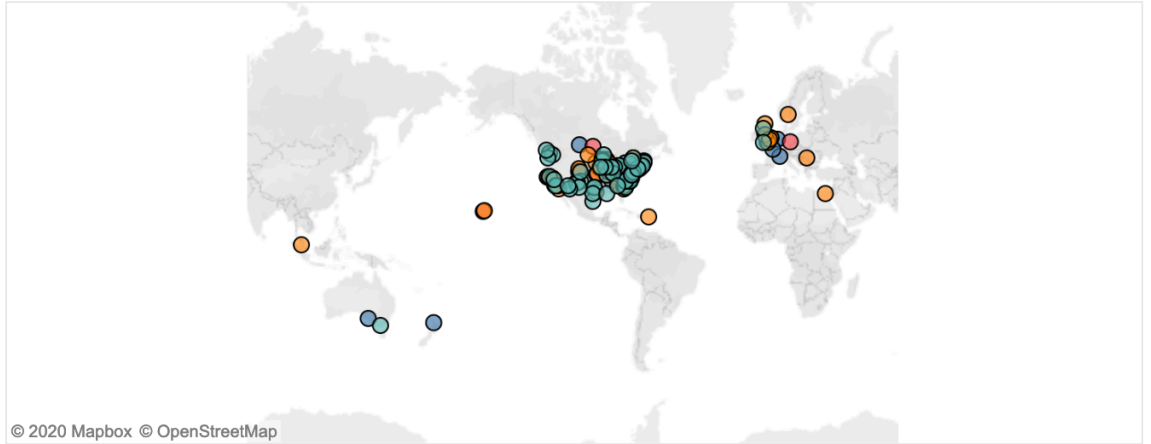
How respondents want to search an online resource varies by both primary job and location.

Use checkboxes to filter.

- (All)
- Collection Manager
- Conservation administrator
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- Conservation scientist
- Conservator
- Curator
- Exhibit designer
- Librarian/Archivist
- Materials scientist
- Mountmaker
- Other
- Professional Development/Fundr...
- Registrar
- Technician



All four search options received multiple "1" rankings.



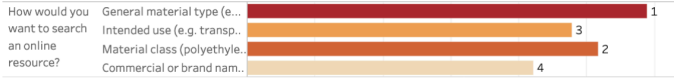
Search option ranked "1": click to filter.

- General material type (e.g. foam, board, sheet)
- Intended use (e.g. transport, long-term storage, exhibition)
- Material class (polyethylene foam, corrugated board)
- Commercial or brand name (e.g. Ethafoam, Volara, Coroplast, Tyvek)

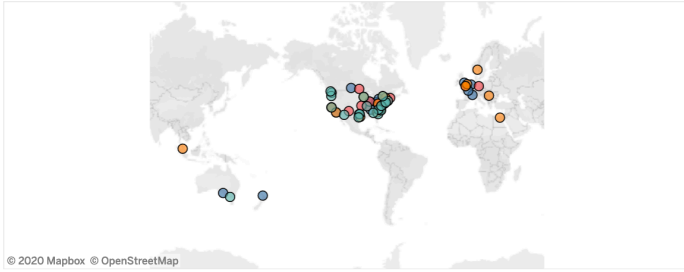
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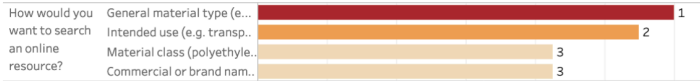
North America/Other locations

- (All)
- All other locations
- North America

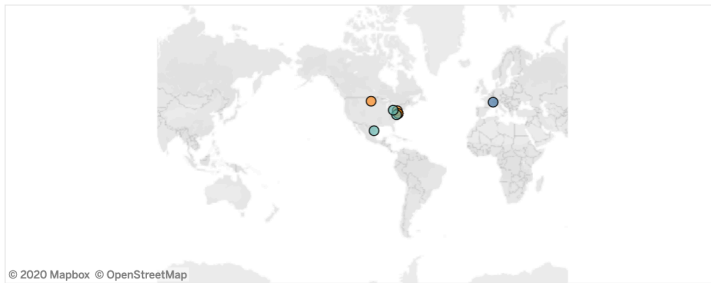
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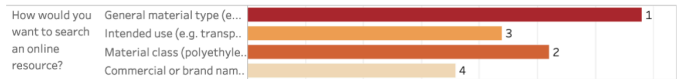
North America/Other locations

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© 2020 Mapbox © OpenStreetMap

Search option ranked "1": click to filter.

- General material type (e.g. foam, board, sheet)
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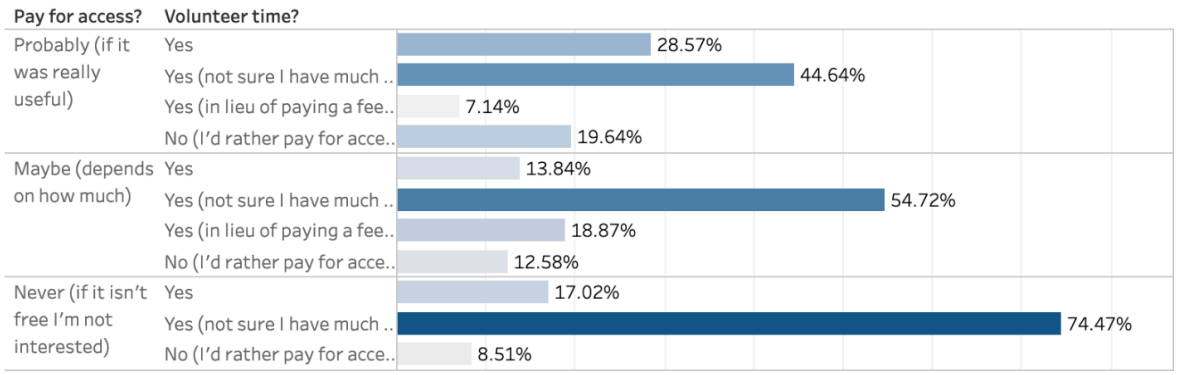
North America/Other locations

- (All)
- All other locations
- North America

Materials Working Group Survey

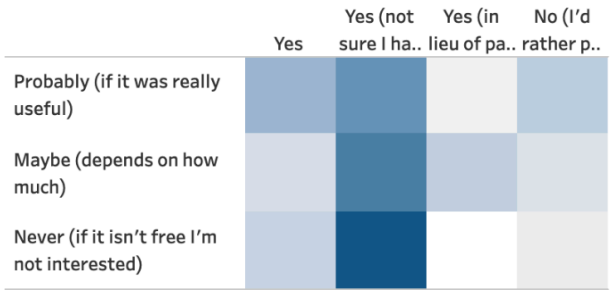
The majority of respondents are willing to volunteer to maintain an online resource.

The people least likely to pay for access to an online resource are the people most likely to volunteer to maintain it.



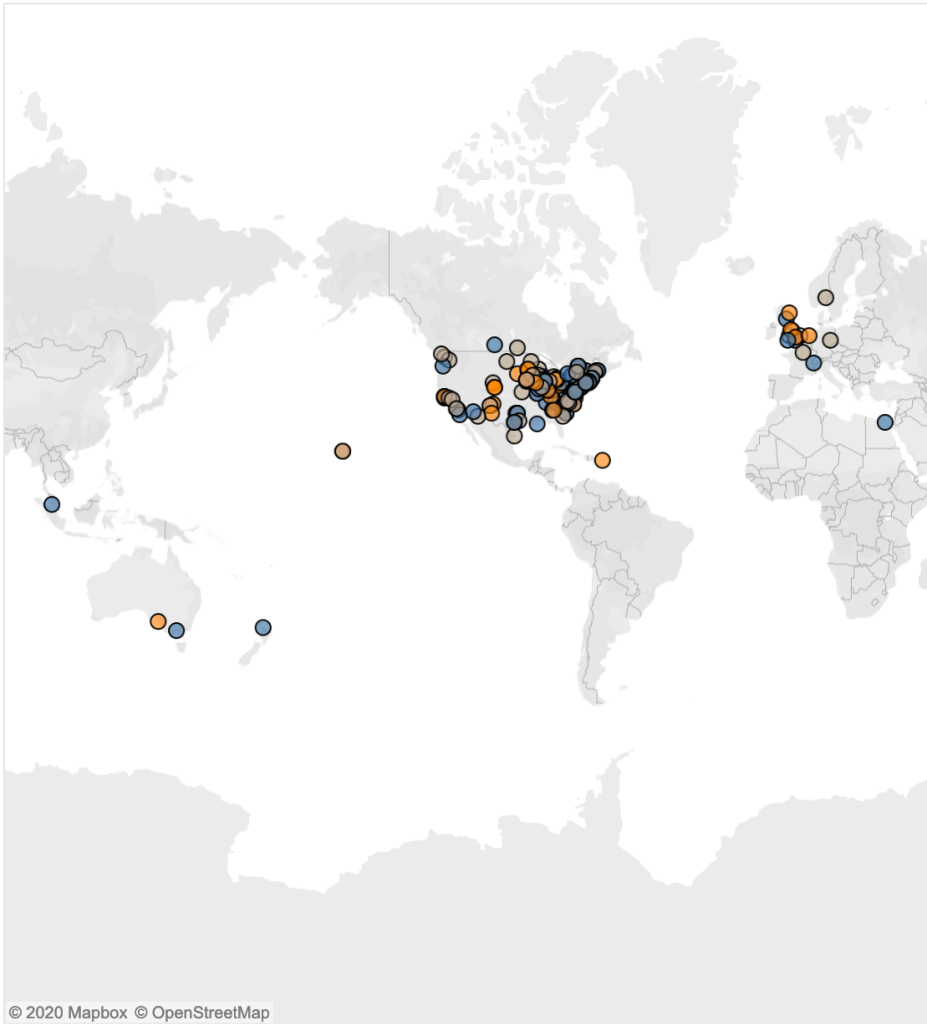
However, most people willing to volunteer are not confident they have something to offer.

The least popular option is volunteering in lieu of paying.



Materials Working Group Survey

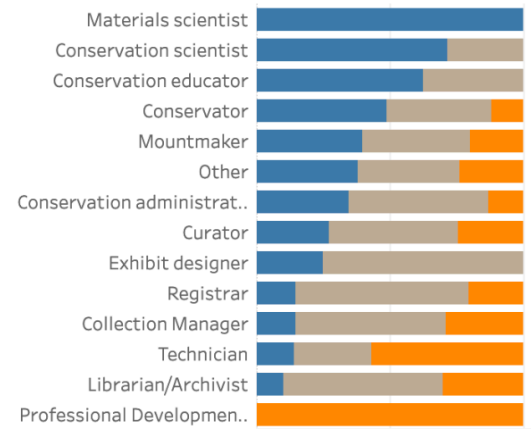
Scientists appear to be most interested in joining the MWG. Note: only one materials scientist and one professional development respondent answered this question.



Click on a response to filter.

- No
- Maybe some day
- Yes

Hover for details.



Materials Working Group Survey

<	How are online resources ranked?	"Wants" for an online resource	How want to search an online resource	Willingness to pay for an online resource or to volunteer	Who is interested in joining the MWG?	Data source	>
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Data: Materials Working Group, **Materials Selection Survey**, conducted between 19 September 2018 and 14 January 2020 on Survey Monkey.

Excel file: "ActualAnswers_Condensed_Data_All."

Collector list:

Invitation 1 - MWG Steering Committee 2018-09-18 16:44:00
General Open invitation 2018-09-18 16:51:00
Invitation 2 - MWG All Member 2018-10-15 22:02:00
ALA, SAA, BPG and other Library/Archive Groups 2019-02-14 08:53:00
Conservation Interest Group 2019-02-14 08:56:00
Exhibit & Design Groups 2019-02-14 09:13:00
International Groups 2019-02-14 09:14:00
Museum-L and other general Museum Lists 2019-02-14 11:22:00
Registration & Collection Management Groups 2019-03-08 10:28:00

