

Quick Start Guide to Data Visualization Tools

Data visualization dashboards extend the potential insight for users far beyond that of static graphics. This brief guide identifies the basic toolset with which a user can "drill down," asking questions and discovering important underlying patterns in the data.

Grey panels at the top are "storypoints" that collectively tell a story. Click on storypoints one at a time to see a dashboard comprising related data

Mapping the Landscapes is a national continuing education/professional development (CE/PD) needs assessment spanning the archives, library, and museum sectors. Identifying competency areas perceived as key to success in their position, survey participants also reported their degree of mastery of specific skills in those domains, and the degree of confidence in their ability to execute those skills.

As a guide to evidence-based policy and program decision making, a series of analyses discovered patterns associated with professional outcomes, such as the gaps shown here between the level of competency demanded by particular types of professional work and self-reported ability.

Survey participants were highly diverse across sector, geography, type of institution, role, and personal characteristics and reflective of their professions.

Survey participants reported generally high levels of interest in CE/PD, and described the role of six specific drivers and barriers to its pursuit.

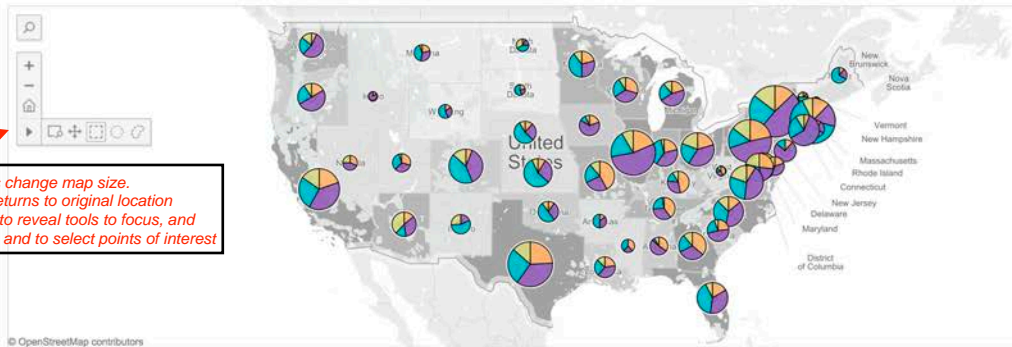
Survey participants described their work setting in terms of funding source, organizational structure and size, and financial support of their CE/PD.

Respondents potential res Mapping the Coalition for the Institute

Participant characteristics

For instructions on the use of this data visualization as well as an Interpretive Guide, go to www.truebearingconsulting.com/Mapping

Location



+ and - buttons change map size. Home button returns to original location. Click the carat to reveal tools to focus, and move the map, and to select points of interest

Sector

- Archives prof.
- Library prof.
- Museum- Hist Soc. prof.
- Hybrid/Other prof.

Number of respondents

100
200
343

Select Sector

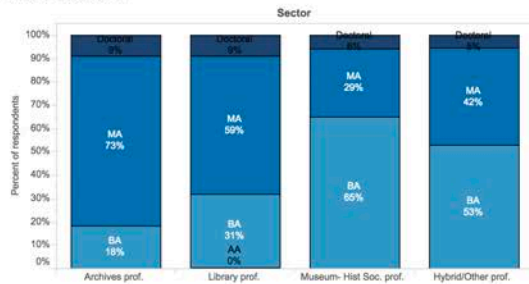
- (All)
- Hybrid/Other prof.
- Archives prof.
- Library prof.
- Museum- Hist Soc. prof.

Select State

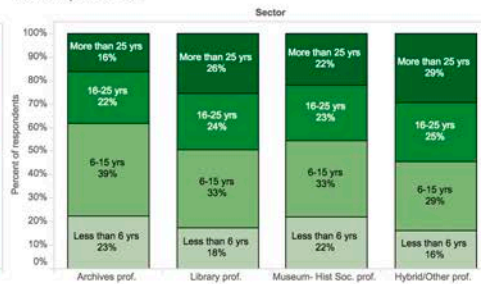
(All)

Right side of dashboards contain explanatory legends, and (in red) interactive filters. Click to focus all graphics on the screen to a desired view

Educational level



Years in profession



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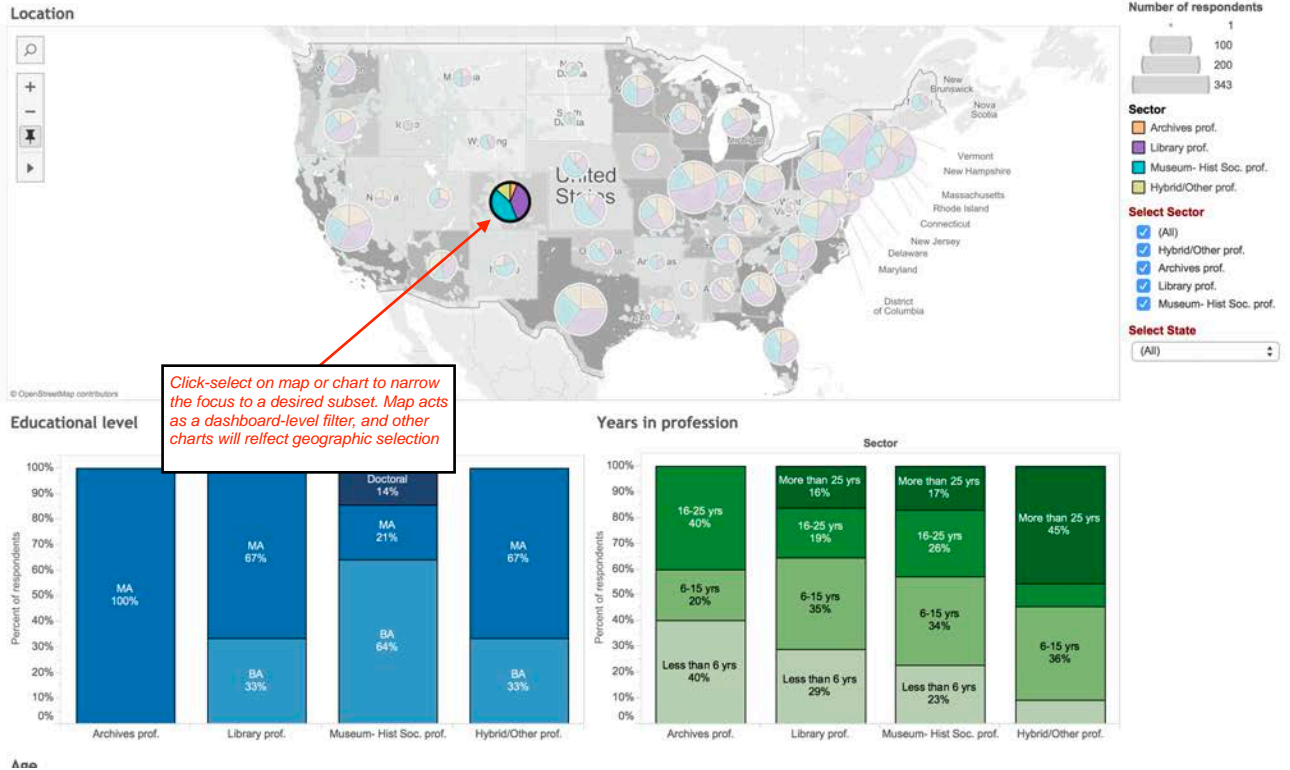
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Setting characteristics

Sector professionals by type of setting

Sector	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
Archives prof.	65%	19%	4%	3%	9%	100%
Library prof.	0%	94%	0%	0%	0%	100%
Museum- Hist Soc. prof.	1%	2%	0%	0%	0%	100%
Hybrid/Other prof.	9%	24%	0%	0%	0%	100%

Hovering cursor over a chart element reveals a "Tooltip", offering additional or summary information about that element

Institutional funding

Funding types	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
Non-profit funding	17%	8%	59%	62%	27%	100%
Library setting	0%	25%	1%	9%	10%	100%
Archives prof.	63%	33%	20%	32%	0%	100%
Other funding	4%	3%	6%	8%	19%	100%

Sector

- (All)
- Hybrid/Other prof.
- Archives prof.
- Library prof.
- Museum- Hist Soc. p...

State

(All) ▾

Employees in standalone organizations

Total employees in freestanding setting	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
Solo	16%	1%	4%	4%	26%	100%
2-10	23%	22%	57%	26%	30%	100%
11-50	49%	46%	21%	31%	31%	100%
52-100	5%	15%	8%	16%	6%	100%
101-300	2%	10%	6%	14%	5%	100%
301-1,000	2%	5%	6%	7%	4%	100%
1,001 and more	2%	1%	1%	1%	0%	100%

Hovering cursor at vertices of a chart will reveal, where appropriate, a sort button to allow for different presentations of the data

Employer contribution for CE/PD

Employer contribution to CE/PD.	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
\$5,001-up	2%	4%	3%	4%	4%	100%
\$2,501-\$5,000	8%	13%	1%	9%	10%	100%
Up to \$2,500	67%	62%	51%	59%	51%	100%
None	23%	21%	45%	27%	35%	100%

Employees in larger setting

Total employees in larger organization	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
100 or fewer	41%	23%	73%	21%	28%	100%
101-500	32%	38%	16%	30%	28%	100%
501-1,000	7%	8%	5%	14%	9%	100%
1,001-5,000	10%	18%	5%	16%	23%	100%
5,001-10,000	3%	7%	0%	9%	5%	100%
10,000-25,000	6%	7%	0%	11%	9%	100%

Employees in immediate setting

Total employees in immediate setting	Immediate setting					Grand Total
	Archives setting	Library setting	Hist. Society setting	Museum setting	Other setting	
10 and fewer	79%	39%	55%	48%	63%	100%
11-50	18%	37%	27%	37%	27%	100%
51-100	2%	10%	5%	9%	3%	100%
101-300	0%	11%	9%	6%	3%	100%
301-1,000	0%	3%	5%	1%	2%	100%
1,001 and more	0%	0%	0%	0%	1%	100%

For more information about Tableau data visualization dashboards and built-in tools for data exploration, go to: http://onlinehelp.tableau.com/current/server/en-us/help.htm#views_show.htm