

# STORY MAPS - SCRAPING TOOL

This application makes thousands of REST API calls using axios module, parses and classifies the responses received, and finally presents the parsed data into a csv file for better readability. The csv generated can be further used for conducting statistical analysis and research.

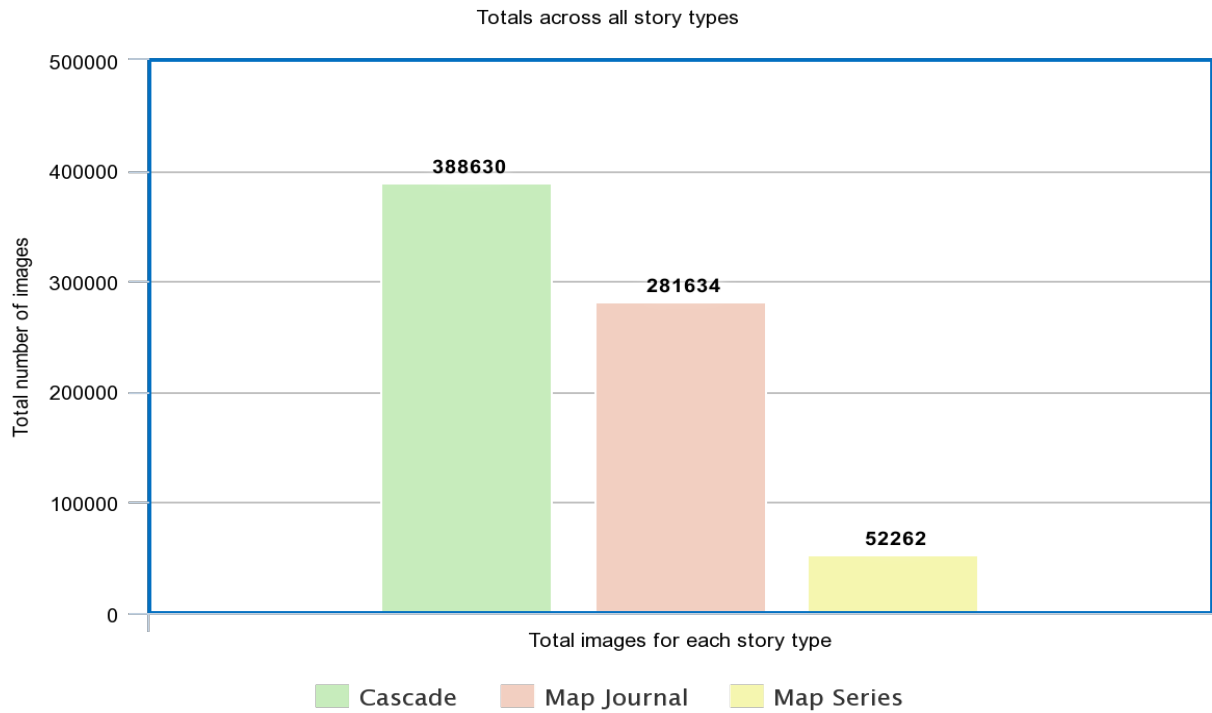
Total Results fetched: 280631

These results are fetched from ArcGIS Online.

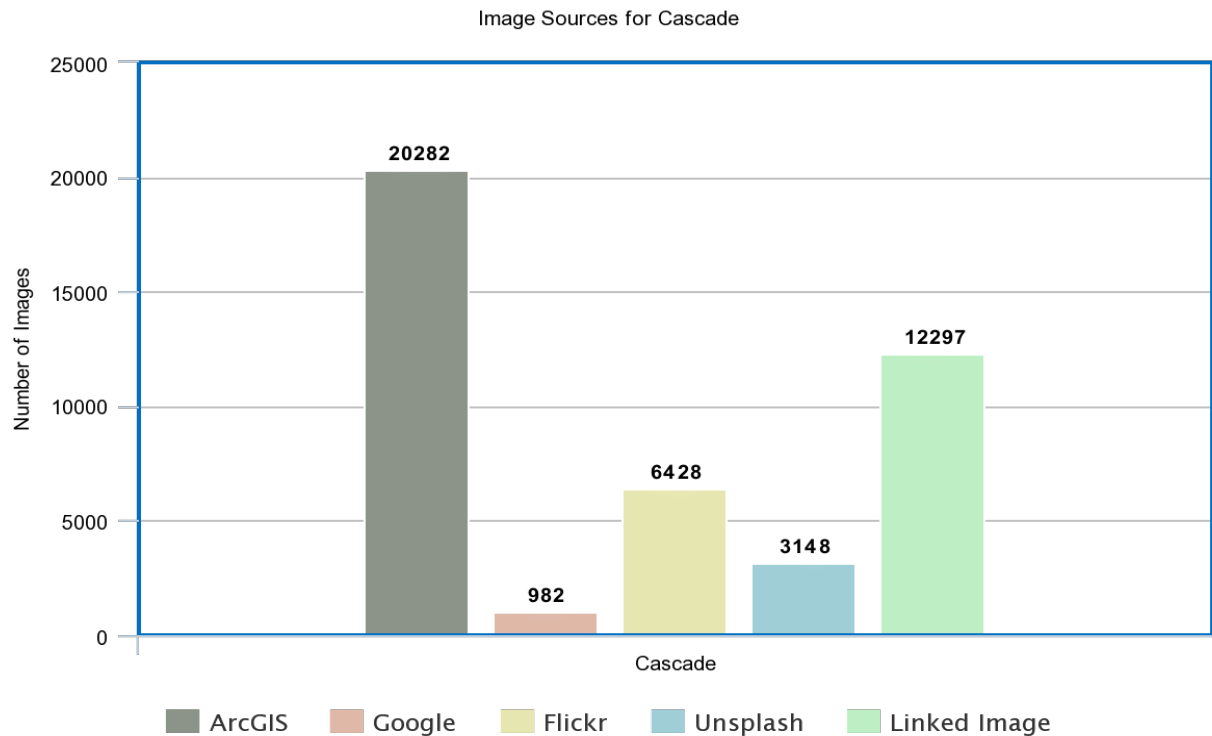
Queried based on: typeKeywords: "story maps" AND type:"Web Mapping Application"

Template Type	Count
Cascade	30,676
Tour	72,514
Series	45,587
Journal	103,586
Swipe	18,534
Short	6634
Crowd Source	2814
Type not listed	286

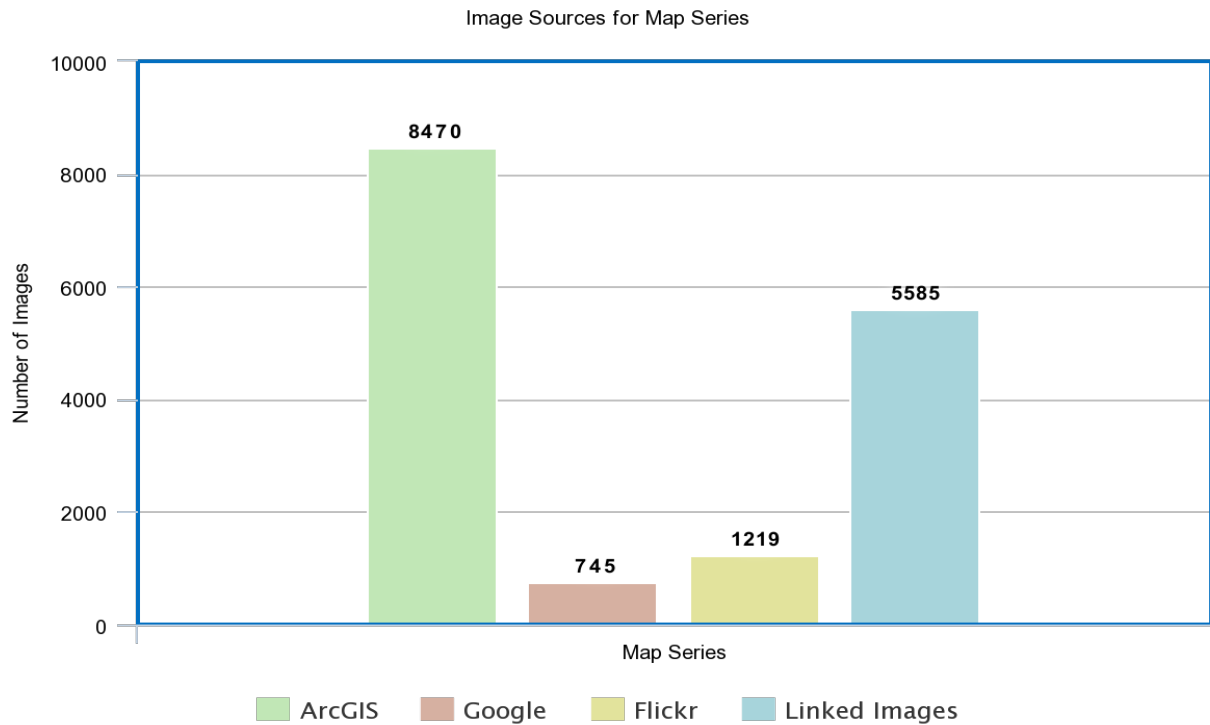
## Total of Images across all the story types:



## Image Sources for Cascade (In terms of Number of Images)

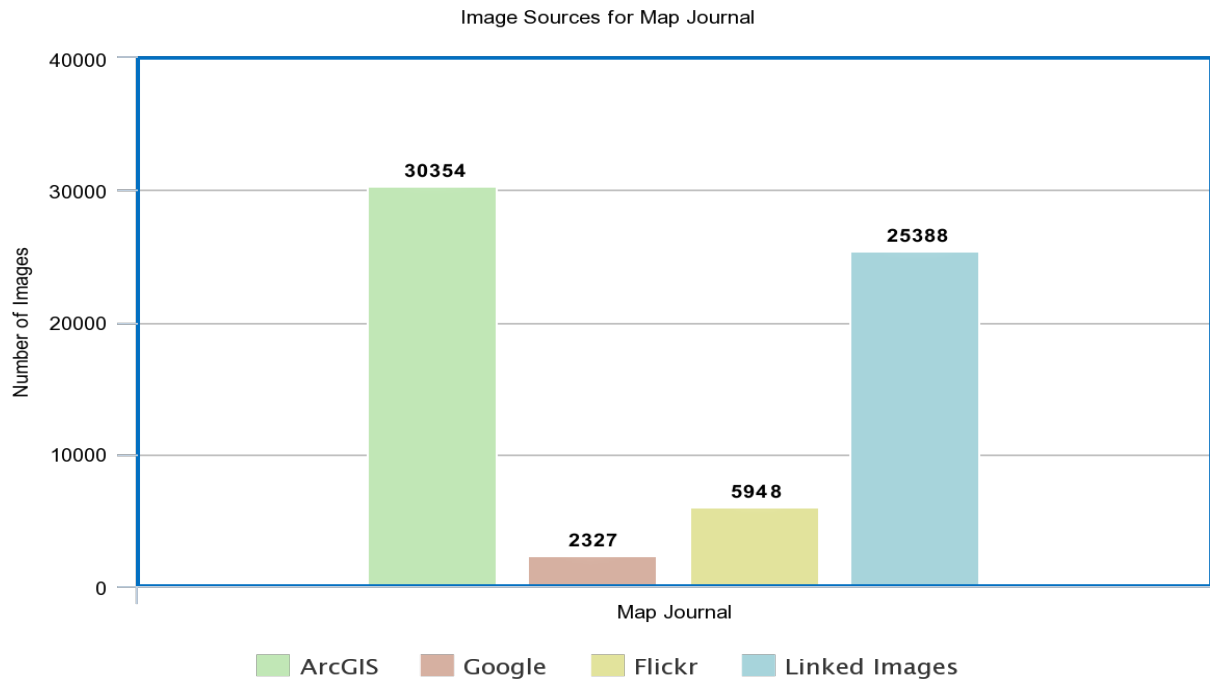


## Image Sources for Map Series (In terms of Number of Images)



meta-chart.com

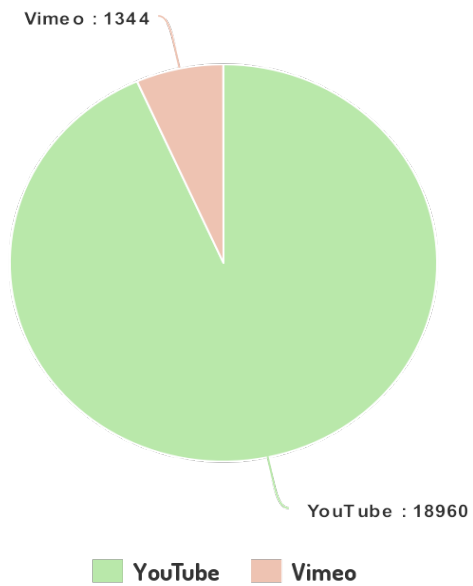
## Image Sources for Map Journal (In terms of Number of Images)



meta-chart.com

## Total of Video across all the story types:

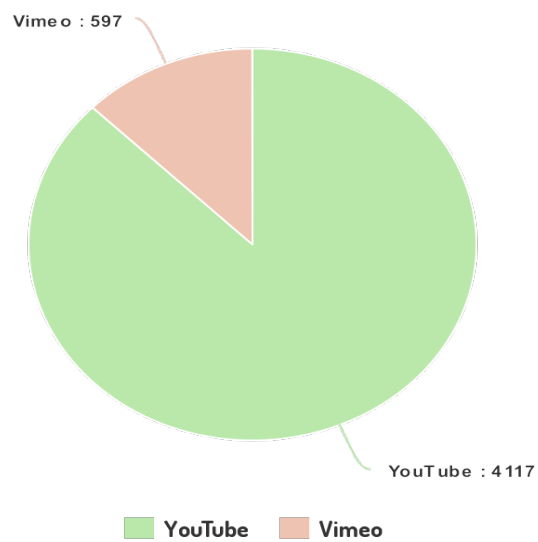
TOTAL OF VIDEO SOURCES FOR ALL STORY TYPES



meta-chart.com

## Video Sources for Cascade (In terms of Number of Videos)

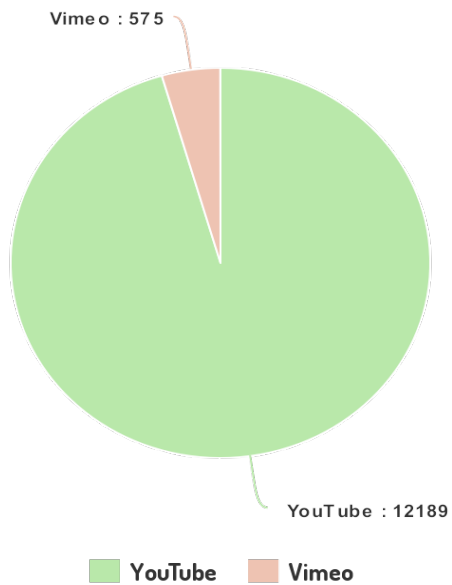
VIDEO SOURCES FOR CASCADE



meta-chart.com

## Video Sources for Map Journal (In terms of Number of Videos)

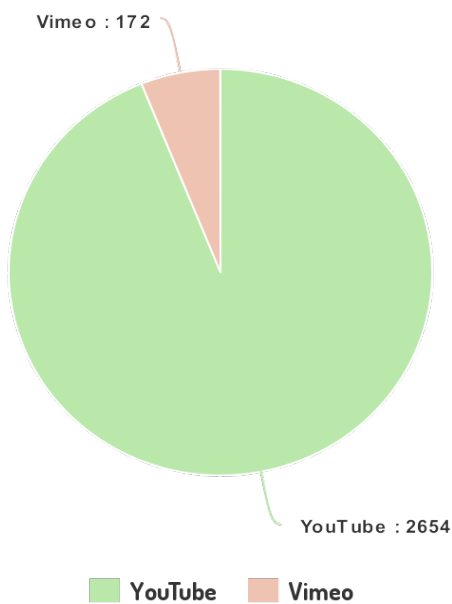
VIDEO SOURCES FOR JOURNAL



meta-chart.com

## Video Sources for Map Series (In terms of Number of Videos)

VIDEO SOURCES FOR SERIES



meta-chart.com

The following table shows what percentage of each story type uses video:

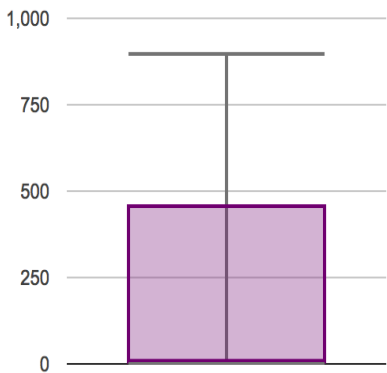
Story Type	% Video Usage
Cascade	15.36
Map Journal	12.32
Map Series	6.19

The following is a table with min, average and max for each story type in terms of the following metrics:

Types	Cascade		Map Series		Map Journal		Map Tour	
	Avg	Max	Avg	Max	Avg	Max	Avg	Max
Number of Sections	10.40	314	6.07	53	8.13	242	14.97	576
Number of Maps	2.21	158	3.47	53	5.99	875	-	-
Number of Unique Maps	1.32	71	2.20	30	1.85	212	-	-
Number of Web Scenes	0.09	50	-	-	-	-	-	-
Number of Unique Web Scenes	0.03	11	-	-	-	-	-	-
Number of Images	12.55	897	1.14	33	2.71	214	-	-
Number of Videos	0.29	49	0.09	30	0.19	34	-	-

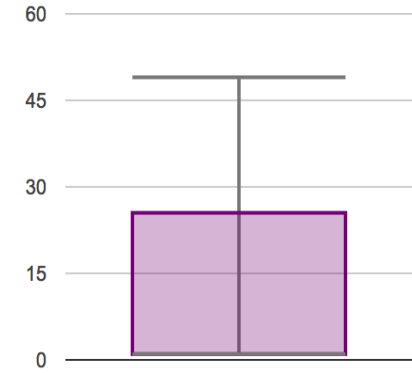
Whisker and Plotter representation of the above metrics (Cascade)

Number of Images



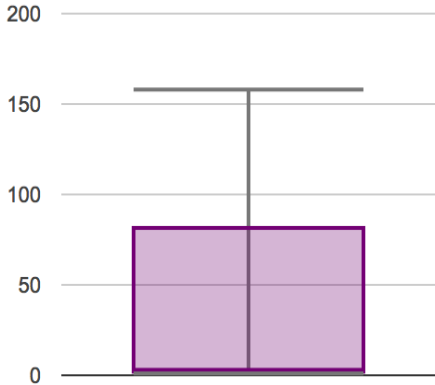
Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Images	1	4	9	16	897

Number of Videos



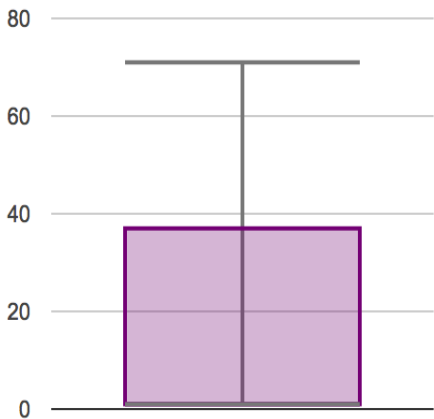
Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Videos	1	1	1	2	49

Number of Maps



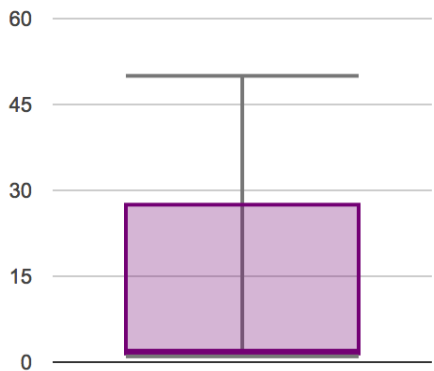
Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Maps	1	1	3	5	158

Number of Unique Maps



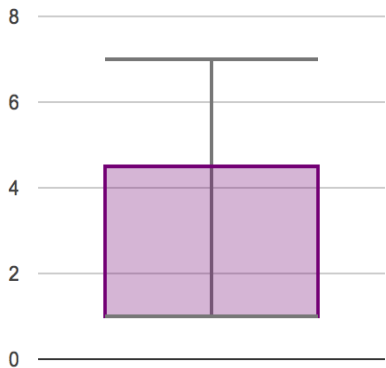
Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Unique Maps	1	1	1	3	71

Number of Web Scenes



Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Web Scenes	1	1	2	5	50

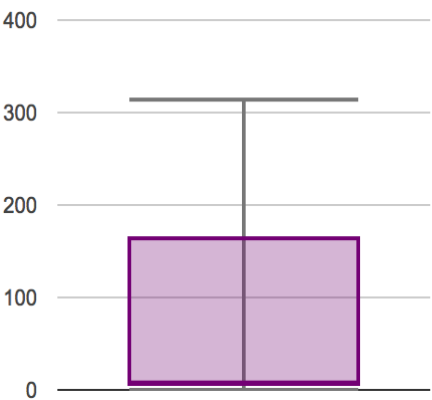
Number of Unique Web Scenes



Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Unique Web Scenes	1	1	1	2	7



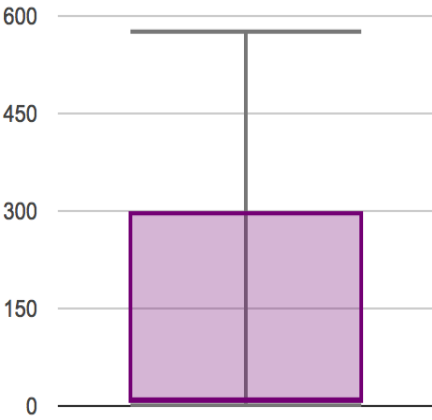
Number of Sections



Cascade	Min	Quartile 1	Median	Quartile 2	Max
Number of Sections	1	5	8	14	314

Whisker and Plotter representation of the above metrics (Map Tour)

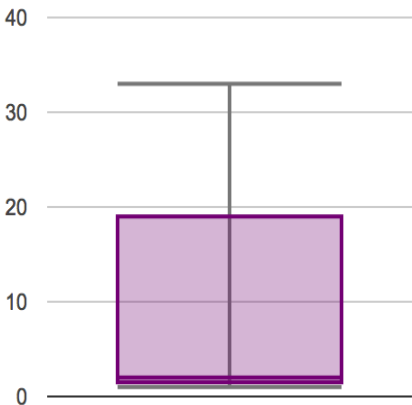
Number of Sections



Map Tour	Min	Quartile 1	Median	Quartile 2	Max
Number of Sections	1	6	10	17	576

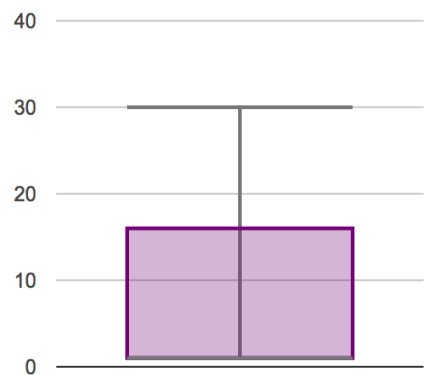
Whisker and Plotter representation of the above metrics (Map Series)

Number of Images



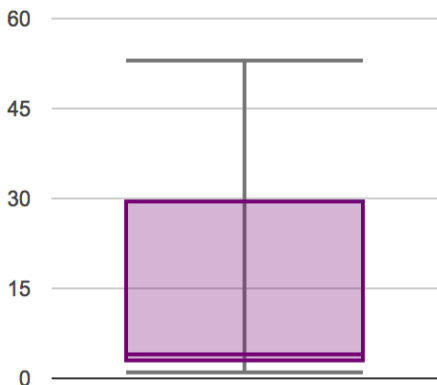
Map Series	Min	Quartile 1	Median	Quartile 2	Max
Number of Images	1	1	2	5	33

Number of Videos



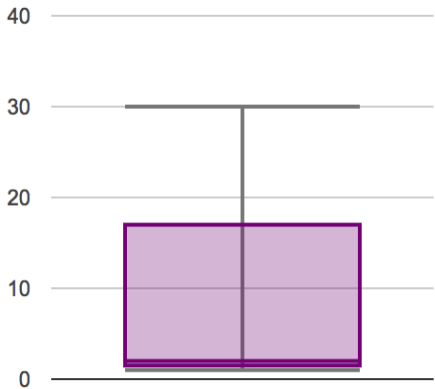
Map Series	Min	Quartile 1	Median	Quartile 2	Max
Number of Videos	1	1	1	2	30

Number of Maps



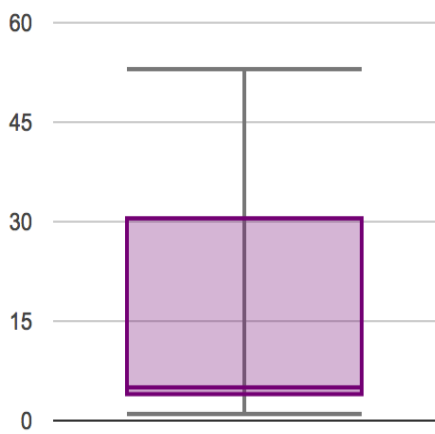
Map Series	Min	Quartile 1	Median	Quartile 2	Max
Number of Maps	1	2	4	6	53

Number of Unique Maps



Map Series	Min	Quartile 1	Median	Quartile 2	Max
Number of Unique Maps	1	1	2	4	30

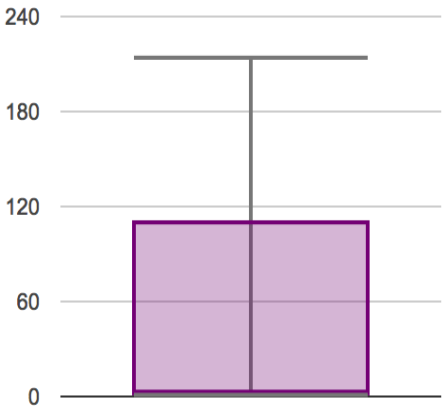
Number of Sections



Map Series	Min	Quartile 1	Median	Quartile 2	Max
Number of Sections	1	3	5	8	53

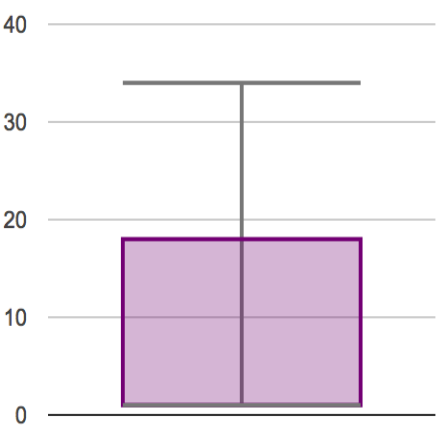
Whisker and Plotter representation of the above metrics (Map Journal)

Number of Images



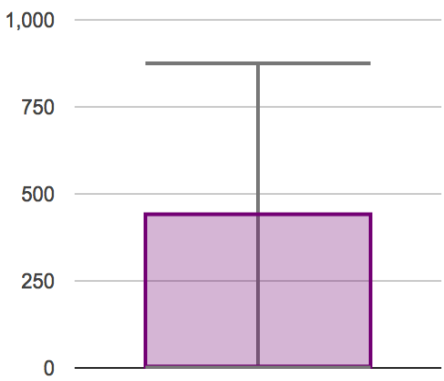
Map Journal	Min	Quartile 1	Median	Quartile 2	Max
Number of Images	1	1	3	6	214

Number of Videos



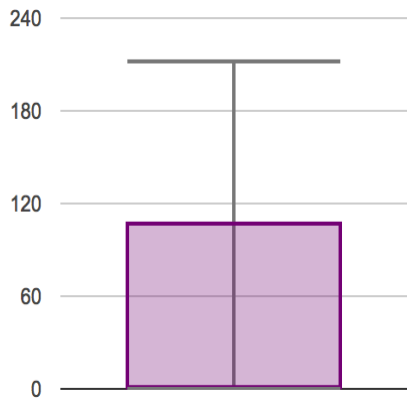
Map Journal	Min	Quartile 1	Median	Quartile 2	Max
Number of Videos	1	1	1	2	34

Number of Maps



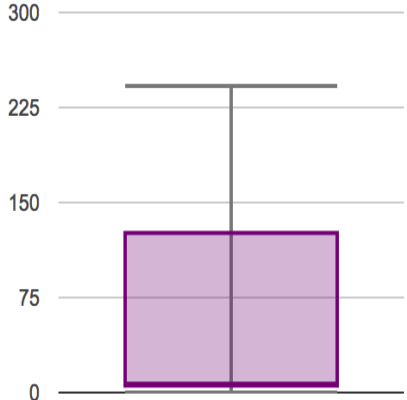
Map Journal	Min	Quartile 1	Median	Quartile 2	Max
Number of Maps	1	2	4	8	875

Number of Unique Maps



Map Journal	Min	Quartile 1	Median	Quartile 2	Max
Number of Unique Maps	1	1	1	2	212

Number of Sections



Map Journal	Min	Quartile 1	Median	Quartile 2	Max
Number of Sections	1	4	7	10	242

**The following table shows the popularity of the items based on number of views:**

Types	All Story Types Combined	
	Avg	Max
Number of Views	495.76	2,876,925

From this table, we can discover that the most popular story in all the story types has 2876925 views. The average number of views per story are 495.76 in all story types.

**Most Popular Stories from Cascade, Map Tour, Map Journal, Map Series:**

Story Type	Most Popular Story Item ID	Number of Views	
		Average	Maximum
Map Series	ef6f11c8c36b42c29e103f65dbcd7538	1022.35	2,876,925
Map Journal	9effa3fe266f40bb8fe68a2ba4815acf	505.05	1,215,881
Map Tour	d79e17055aa14e119c9c6e8621b23a6a	274.99	841,977
Cascade	3b7d9f674aa54c56a9c8e3cc1a6b4e0e	367.79	400,830