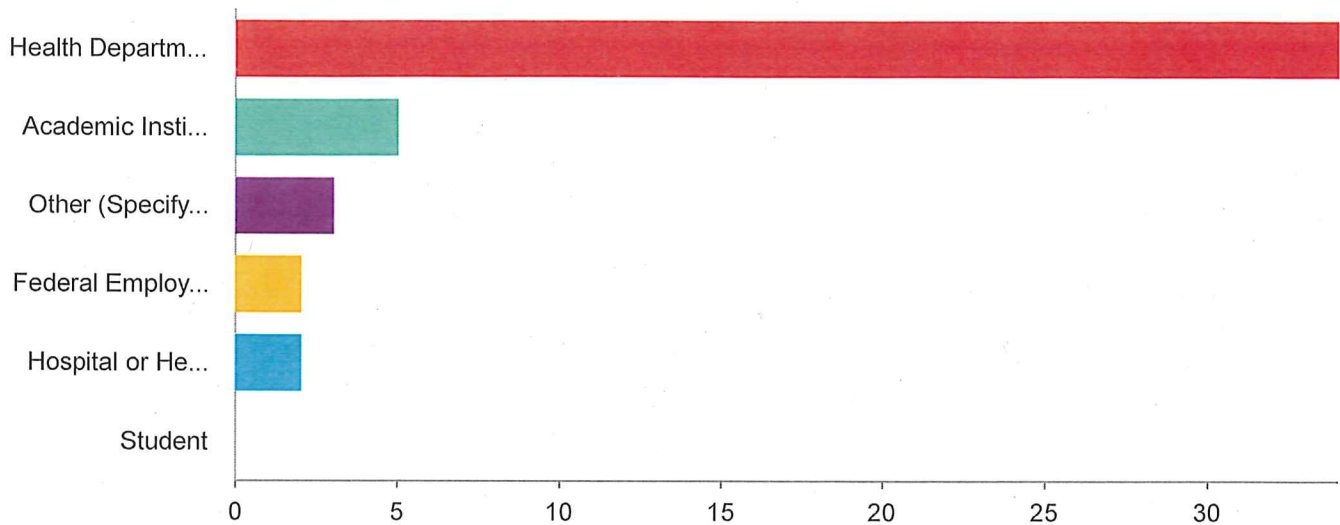


CSTE Spatial Analysis Workgroup

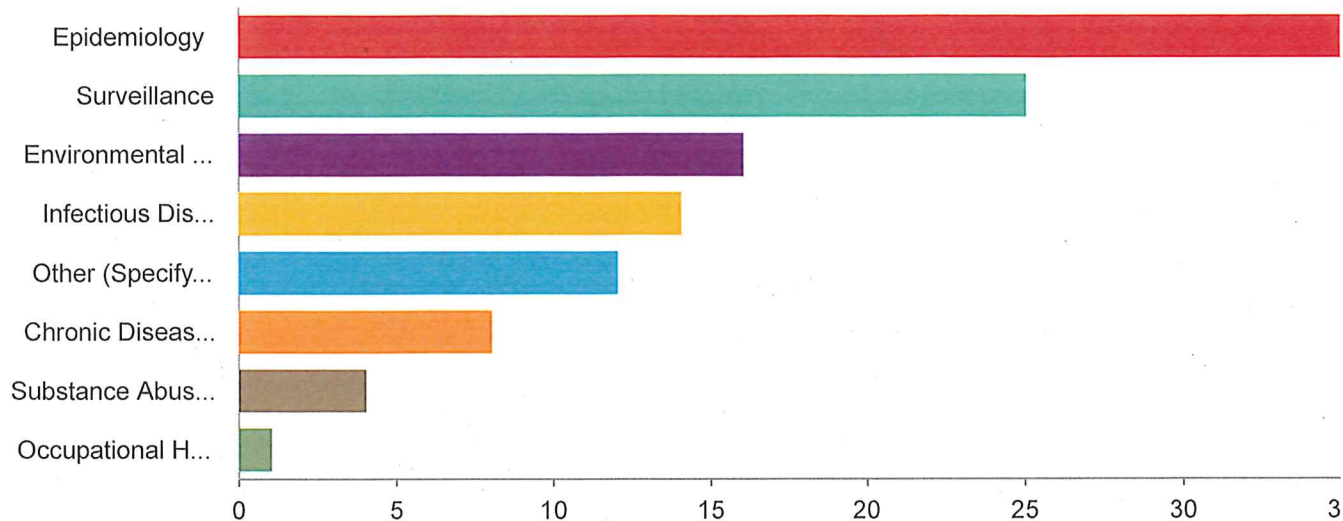
2. What is your affiliation?



Answers	Count	Percentage
Health Department (Local, State, Tribal, Territorial)	36	81.82%
Academic Institution	5	11.36%
Other (Specify)	3	6.82%
Federal Employee	2	4.55%
Hospital or Healthcare Facility	2	4.55%
Student	0	0.00%

Answered: 44 St

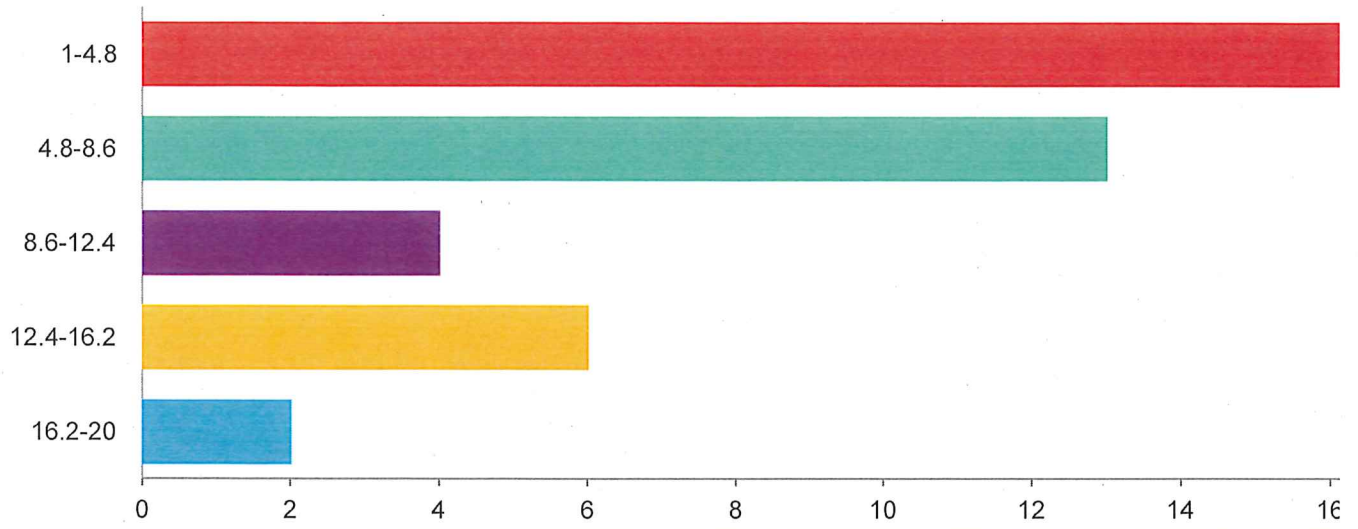
3. Tell us which program area(s) you are currently working in?



Answers	Count	Percentage
Epidemiology	37	84.09%
Surveillance	25	56.82%
Environmental Health	16	36.36%
Infectious Disease	14	31.82%
Other (Specify)	12	27.27%
Chronic Disease	8	18.18%
Substance Abuse	4	9.09%
Occupational Health	1	2.27%

Answered: 44 St

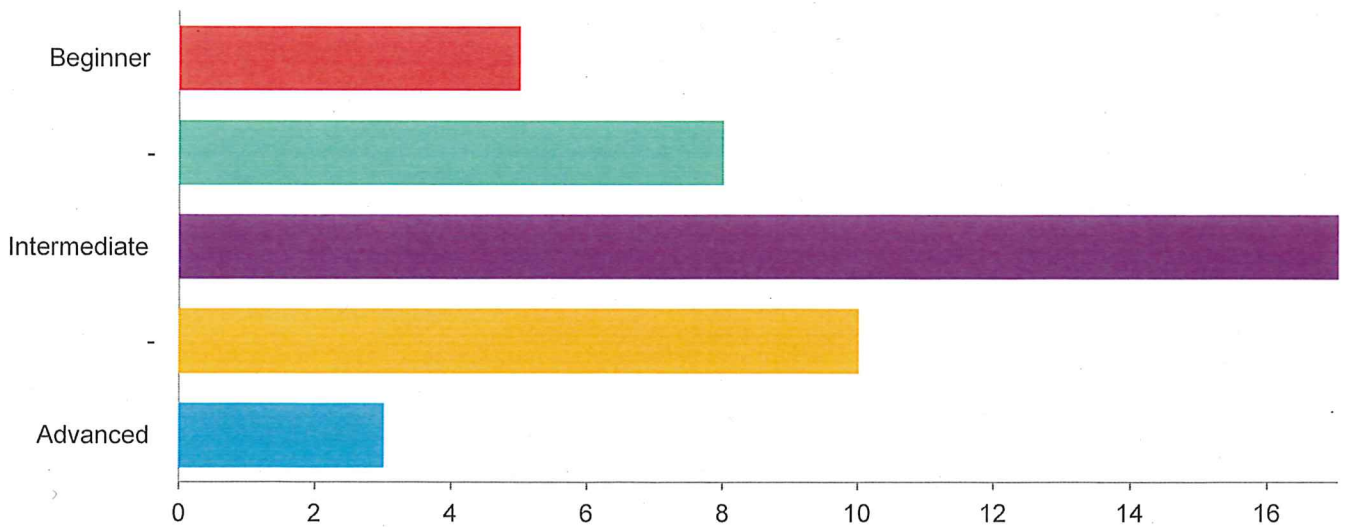
4. How many years of work experience do you have using a GIS system?



Stats	Value
Min.	1
Max.	20
Avg.	6.595238
Sum.	277

Answered: 42 St

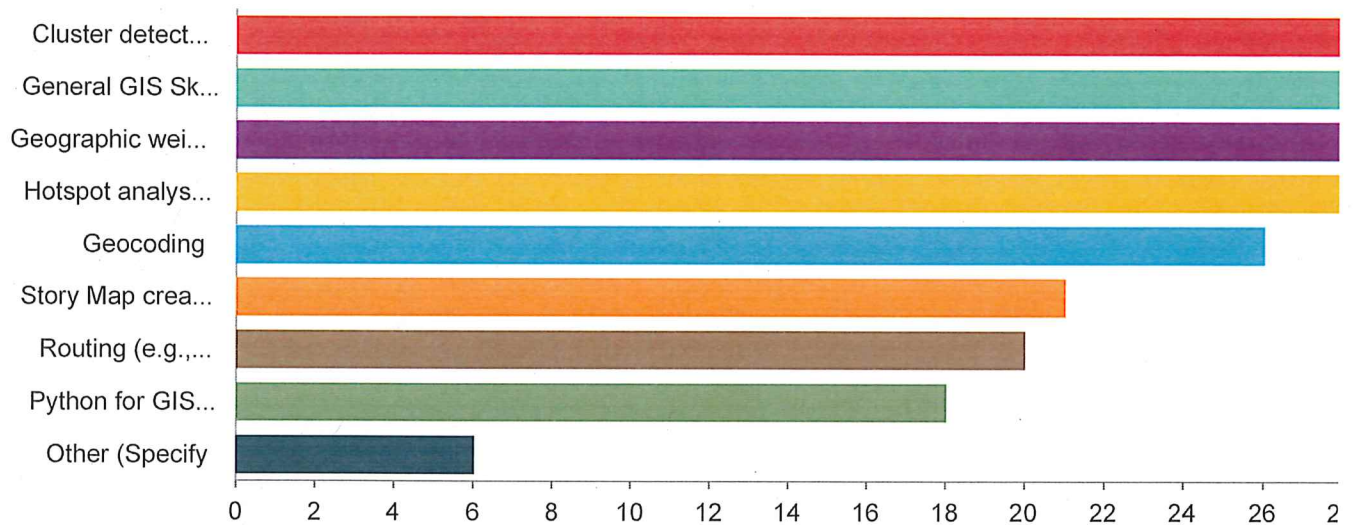
5. On a scale from 1 to 5 (with 1 being beginner and 5 being advanced level), how would you assess your own sl



Answers	Count	Percentage
Beginner	5	11.36%
-	8	18.18%
Intermediate	18	40.91%
-	10	22.73%
Advanced	3	6.82%

Answered: 44 Sk

6. Please select the GIS/Spatial focus areas that interests you:

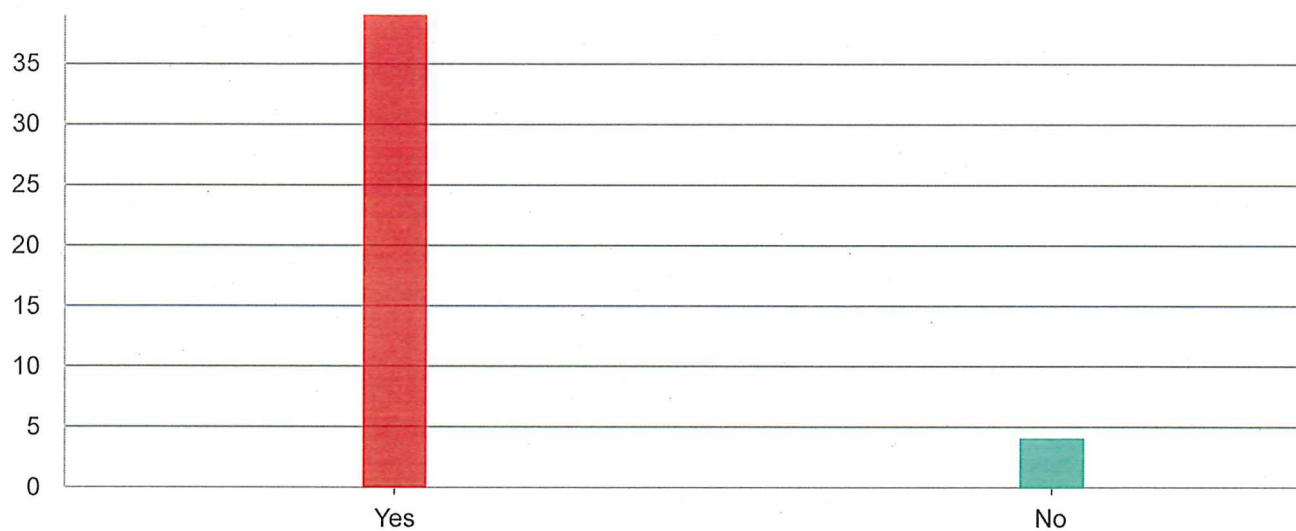


Answers	Count	Percentage
Cluster detection	30	68.18%
General GIS Skills building	30	68.18%
Geographic weighted regression	29	65.91%
Hotspot analysis	29	65.91%
Geocoding	26	59.09%
Story Map creation in ArcGIS online	21	47.73%

Answers	Count	Percentage
Routing (e.g., finding nearest facility, creating a new service area, developing a location-allocation analysis)	20	45.45%
Python for GIS scripting	18	40.91%
Other (Specify	6	13.64%

Answered: 44 St

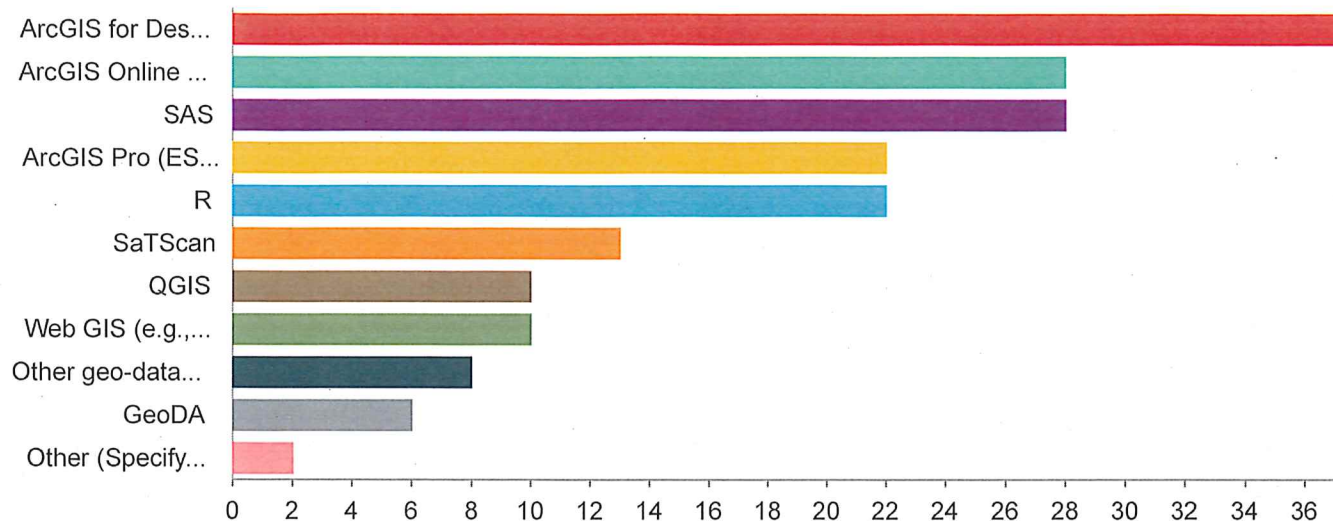
6a. Do you have experience with any of the focus areas above?



Answers	Count	Percentage
Yes	39	88.64%
No	4	9.09%

Answered: 43 St

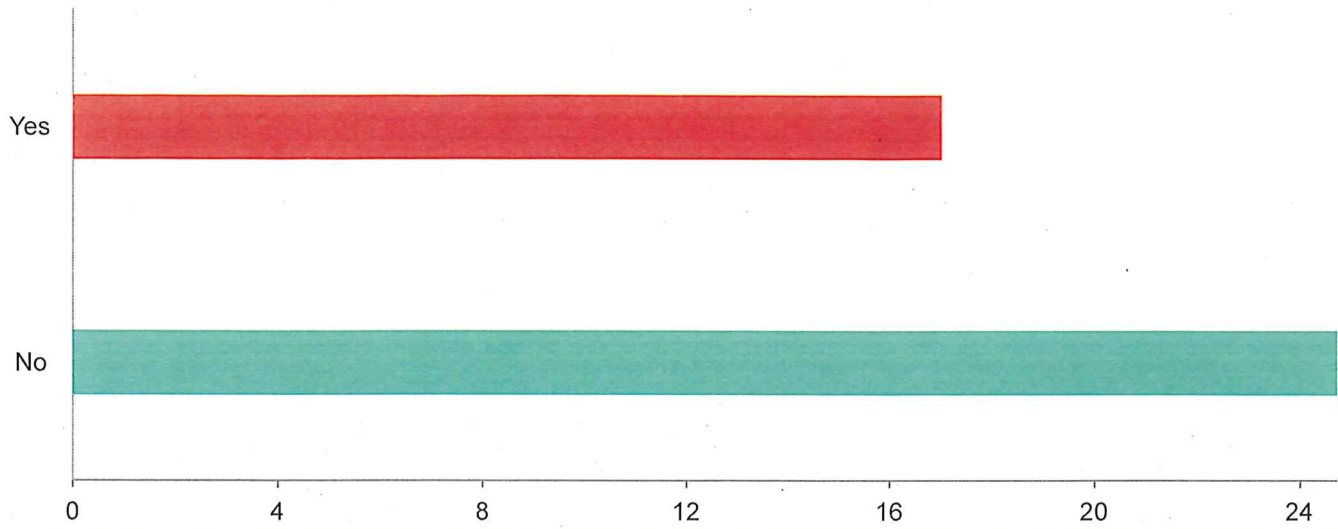
7. Which GIS software tools, platforms are you using/interested in?



Answers	Count	Percentage
ArcGIS for Desktop (ESRI)	40	90.91%
ArcGIS Online (ESRI)	28	63.64%
SAS	28	63.64%
ArcGIS Pro (ESRI)	22	50.00%
R	22	50.00%
SaTScan	13	29.55%
QGIS	10	22.73%
Web GIS (e.g., MapBox, Leaflet, Google Maps)	10	22.73%
Other geo-databases: PostGre SQL, geodatabase, Oracle, Microsoft SQL Server	8	18.18%
GeoDA	6	13.64%
Other (Specify)	2	4.55%

Answered: 44 St

8. Do you have any specific GIS-related projects that you'd like to develop?



Answers	Count	Percentage
Yes	17	38.64%
No	26	59.09%

Answered: 43 St

8a. If Yes, can you please provide a short description of your GIS-related project?

The word cloud requires at least 20 answers to show.

Response	Count
ArcGIS Online web apps and sophisticated StoryMaps	1
Creating map that shows disparities in U.S. area-level medically underserved(minorities, LGBTQ) cancer survivors research, i.e. understudies areas in need in these populations	1
Currently charged with developing a Community-level Alcohol Outlet Density & Alcohol Harms Report for the program where I am employed.	1
Dashboard showing immunization trend data over time	1
GIS Capacity Building for State & Local Health Departments	1
GWR for social determinants of health contributing to suicide, drug overdoses.	1

Response

Count

Multi-level modeling: Preterm births (and/or other birth outcomes, e.g./i.e. infant mortality, low birthweight) with economic hardship index and/or concentrated disadvantage index 1

Network Analysis of Patient Sharing 1

Our new CDC notice of funding opportunity requires using GIS to assess burden of hereditary cancers and access to cancer genetic services. 1

static water constituent maps modeled (inverse distance) and aggregated; detecting changes in point level water quality over time 1

Story map and spatial network 1

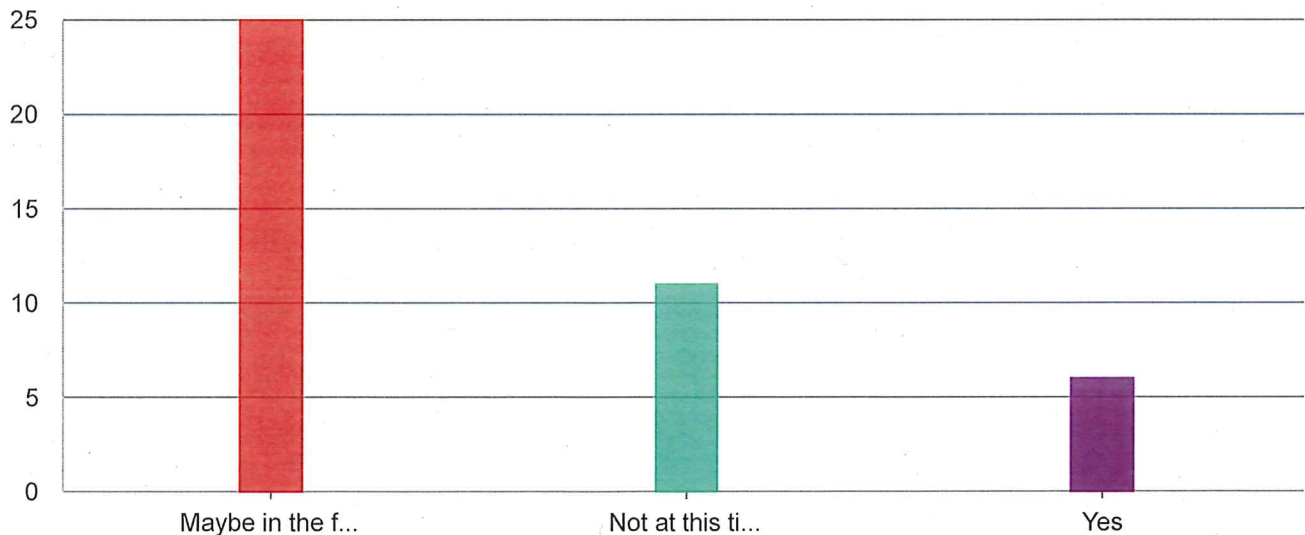
time series for a Hep A outbreak, hexbins for infectious disease clusters 1

Using raw water test results from public water systems to inform private well owners what they should test their wells for. 1

0

Answered: 13 Skip

9. Would you be willing to present during one of our CSTE Spatial Analysis Workgroup webinars this year?



Answers

Count

Percentage

Maybe in the future 25 56.82%

Not at this time 11 25.00%

Answers	Count	Percentage
Yes	6	13.64%

Answered: 42 Sk

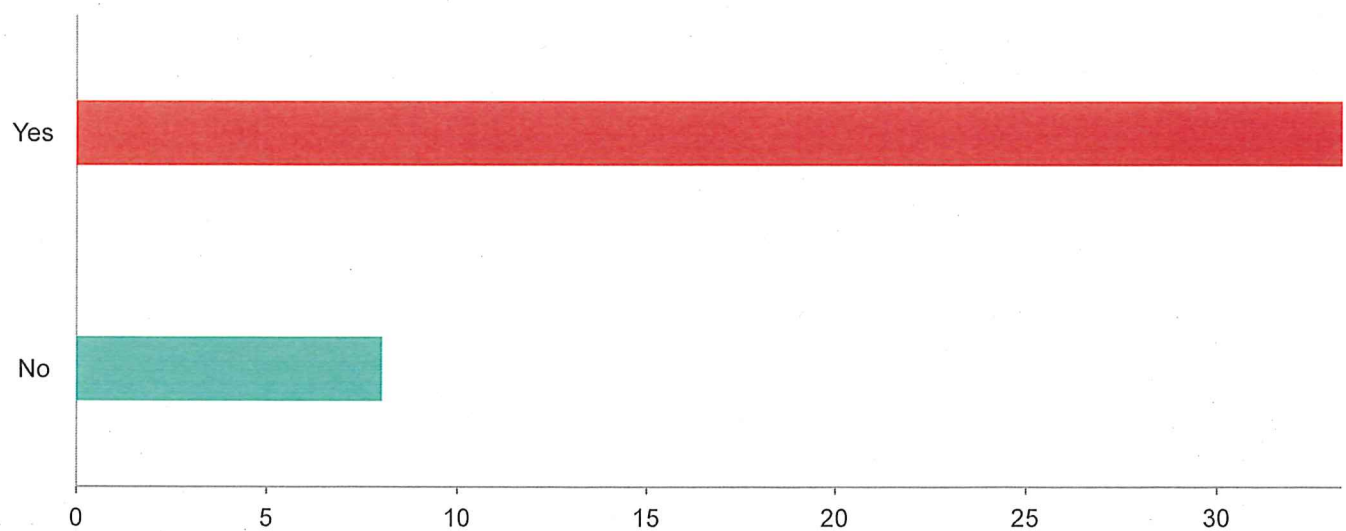
9a. If Yes, what GIS-related topic would you like to present/discuss on our spatial workgroup calls?

The word cloud requires at least 20 answers to show.

Response	Count
Demonstrate how to conduct a "Nearest Facility" routing workflow as part of a SUD treatment facility network adequacy work project I'm involved in.	1
Network Analysis using Google API and R	1
Spatial distribution of TB disease	1
Spatial Network Analysis	1
Use and training related to the Rate Stabilizing Tool: https://www.cdc.gov/pcd/issues/2019/18_0442.htm	1
	0

Answered: 5 Skipped

10. Will the current working group call schedule, 3rd Tuesday of every month 1-2p EST, work for you?



Answers	Count	Percentage
Yes	35	79.55%
No	8	18.18%

Answered: 43 Sk

11. Any additional comments/thoughts you would like us to know as we plan for the 2019-2020 WG?

The word cloud requires at least 20 answers to show.

Response	Count
1) Focus more/learn about authoritative data sources; 2) How to incorporate Rest/WMS/WFS in own GIS; 3) Best practices; 4) Cartography, symbology, basic visualization principles	1
I am a new member, and I do not have any comments for now.	1
I am new to CSTE and the work group, but would like to participate as I am able. I currently don't work Tuesdays; a Monday or Wednesday schedule would be best for me. Thank you.	1
I look forward to helping lead our CSTE Spatial Analysis Workgroup this year by inviting volunteer speakers for our monthly webinars and by assisting any workgroup member who might need help with GIS-related project questions.	1
I would like to learn where other get their training resources from (i.e. YouTube, online webinars, in-person trainings, etc.)	1
Meetings and presentations, thus far, have been very helpful in how I think about appropriate strategies for using map to address health disparities and areas of opportunity.	1
Please continue to record the WG calls. I have a standing conflict with the 3rd Tuesday at 1pm, but I have been able to listed to the recording of the call sometimes.	1
Thank you for organizing the work group. I am not using GIS at this time but hope to at some future time.	1
Thanks for having this work group.	1
	0

Answered: 9 Skipped: 0