



Maryland State Geographic Information Committee
A commitment to excellence in the development and coordination of geographic information technologies.

Welcome and Opening Remarks

Patrick Callahan (MSGIC Chair)



MSGIC Business: Financial Report

Treasurer: Al Wainger

Finance Report (July 9th, 2018):

TOTAL INCOME: \$16,868.56

TOTAL EXPENSES: \$3,188.05

NET INCOME: \$13,680.51

ACCOUNT BALANCE: \$36,663.25

By-Laws: No Changes



Project Reports

[Maryland Updates](#) – *Kevin Coyne*

[Local Updates](#) – *Lynda Warthen*

[Regional Updates](#) – *Charlene Howard*

Federal Updates

[Up Next: 2018 Initiatives](#)



2018 Initiatives

Member Survey Results

Strategic Goals: Year 1 Mid Year Review

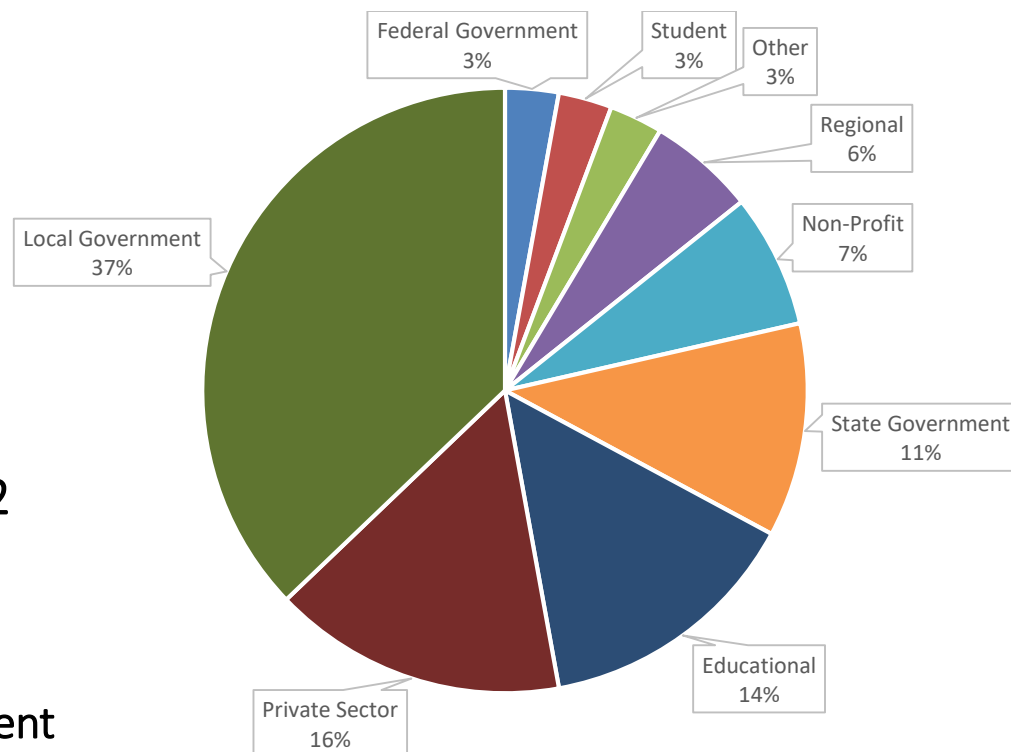


MSGIC Survey Results 2018

55 Respondents out of 558 Members (10% Response)

- Industry they identify with (All that applied):

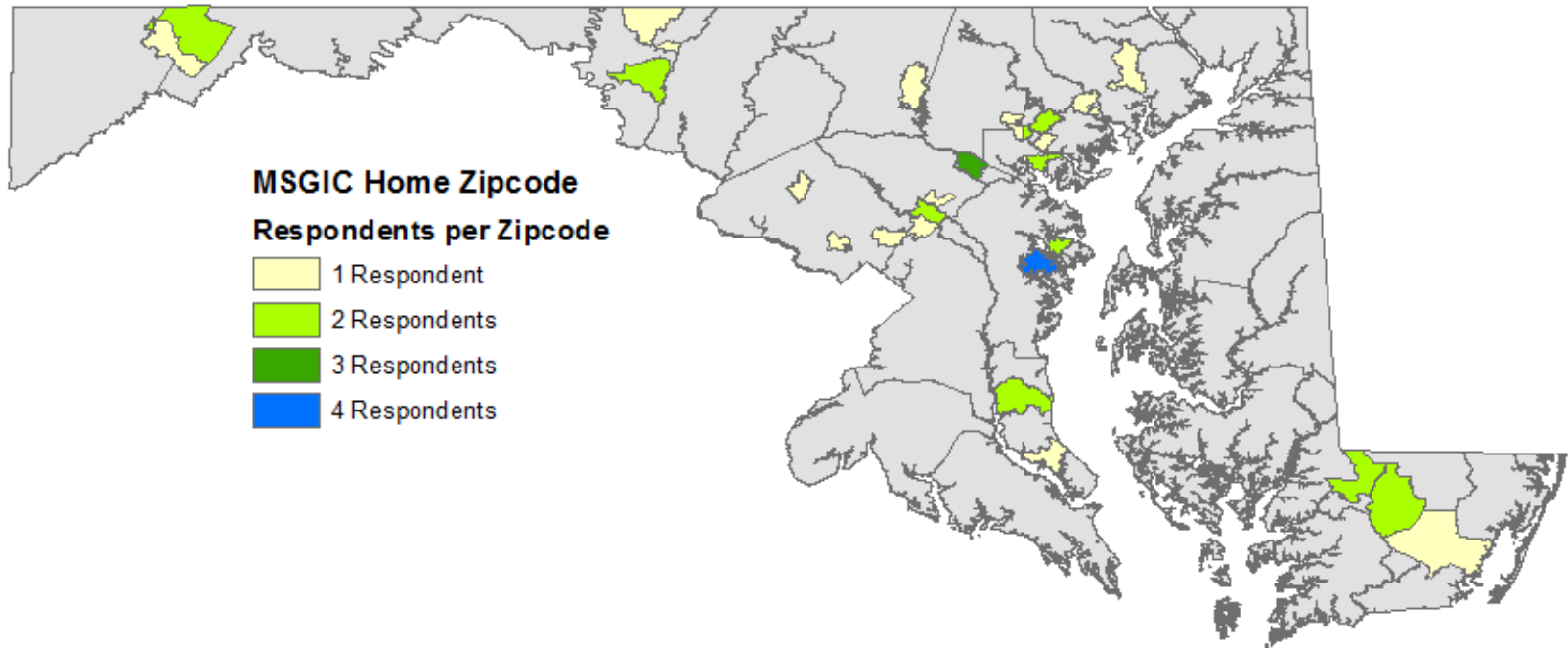
- Local Government – 26
- Private Sector – 11
- Educational – 10
- State Government – 8
- Non-Profit – 5
- Regional – 4
- Federal Government – 2
- Student – 2
- Other – 2
 - 1 listed as CCBC Student





MSGIC Survey Results 2018

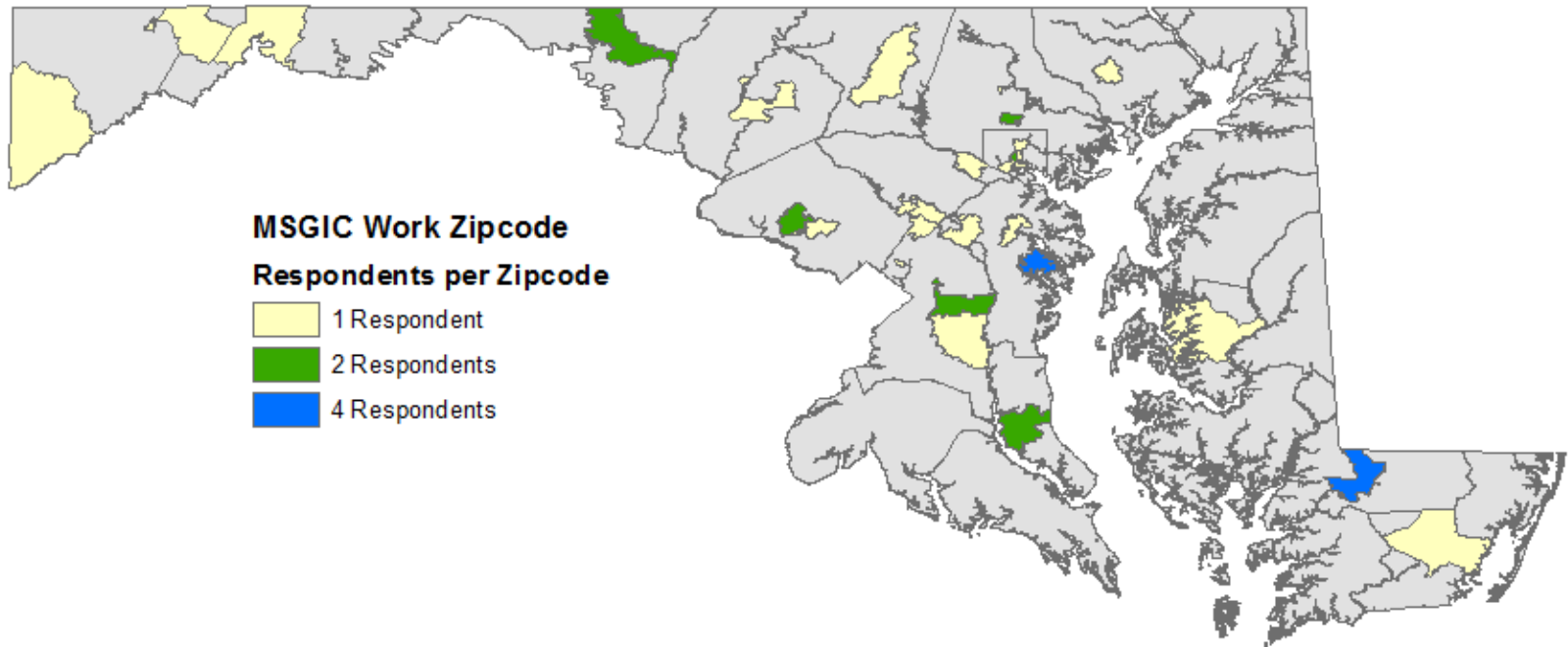
Home Zip Code:





MSGIC Survey Results 2018

Work Zip Code:

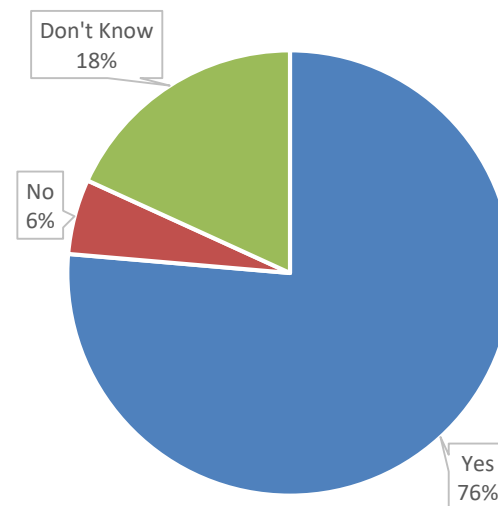




MSGIC Survey Results 2018

6. Do you feel that you are getting value for your MSGIC Membership?

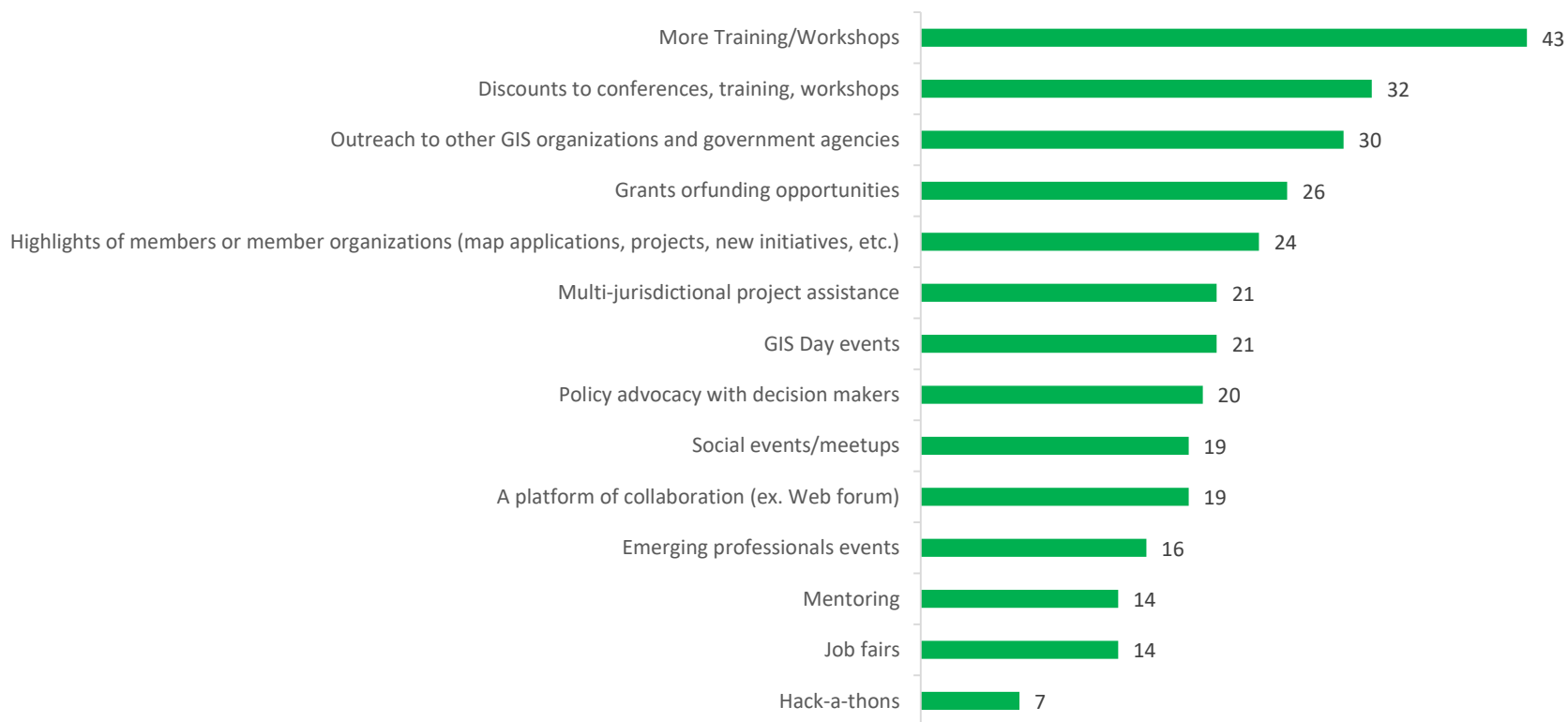
- 42 said YES, 3 said NO, 10 Don't Know
 - 42 responses on why
 - Network and build relationships
 - See what others are doing in GIS and share ideas
 - Training opportunities
 - GIS representation in the State
 - Discounted GIS opportunities
 - Significant cost, limited return
 - State and COG's are actual policy makers, MSGIC is a Club
 - Quarterly meetings more of a showcase of what companies are doing, not what people are doing
 - All MSGIC activities, meetings, Executive Committee members happen "downstate" in DC/Baltimore area. Members outside are "marginalized by their 'fellow' MSGIC members."





MSGIC Survey Results 2018

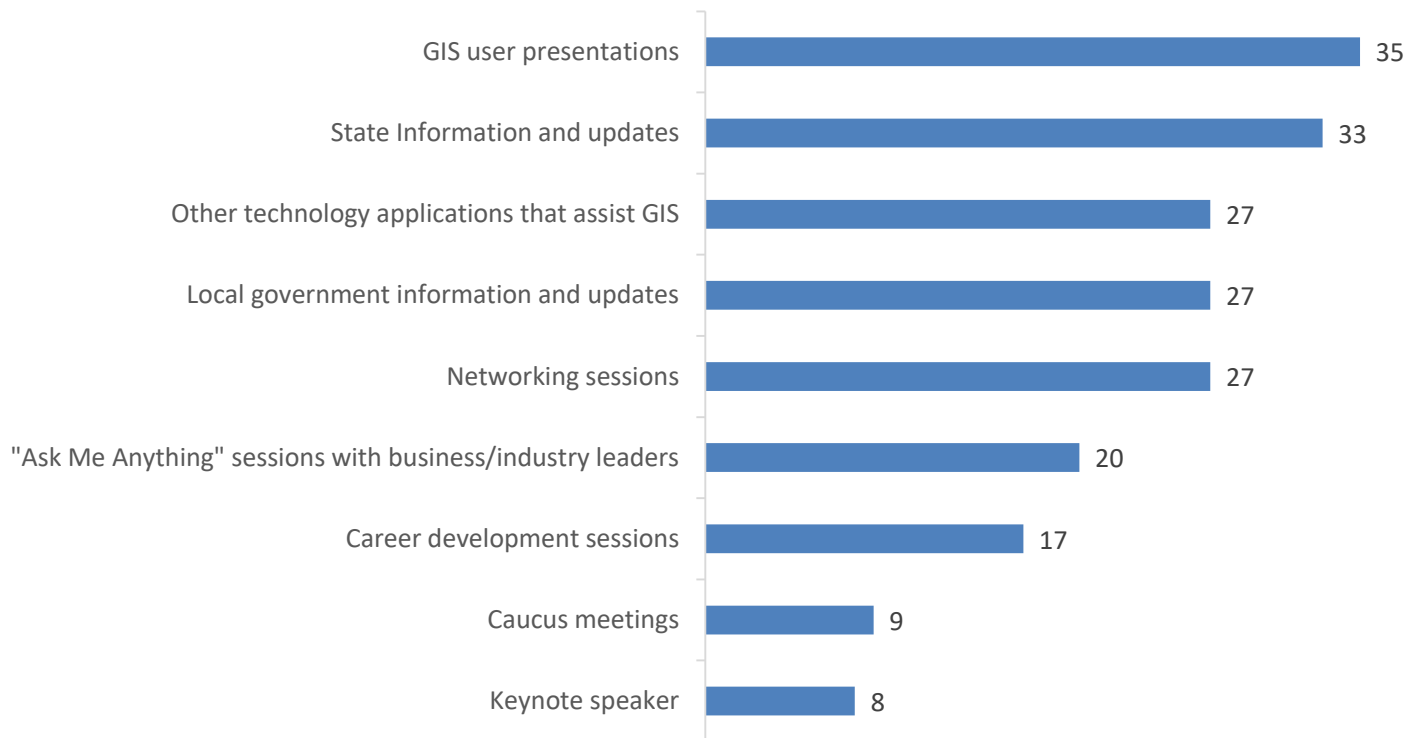
7. How can MSGIC provide you more value for your membership?





MSGIC Survey Results 2018

9. What content or features would make MSGIC Quarterly Meetings more valuable to you?





MSGIC Survey Results 2018

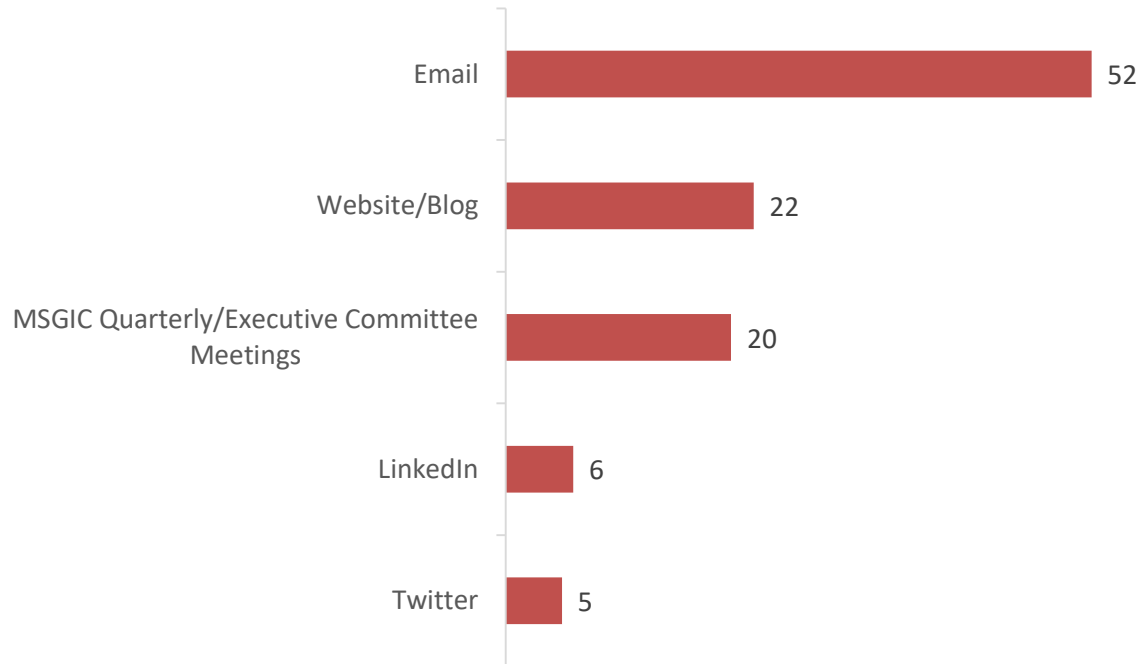
10. What topics would you like to see presented at MSGIC Quarterly meetings?

- New technologies
- Career Development and job description standards
- Better collaboration with State/Local jurisdictions
- GIS & BIM, Utility GIS, NG911, Addressing, 3D, Datum Changes
- Industry Experts discussion or panel discussions on Hot Topics, future technologies, and lessons learned
- Legislative Discussions pertaining to GIS in the State
- More variety, hands-on, planning meetings, for example in preparation for GIS Day, etc.
- Lightning talks about organizations and members
- Grants Opportunities/Assistance



MSGIC Survey Results 2018

11. What is the best way for MSGIC to provide you news and information?





MSGIC Survey Results 2018

13. What sort of training can MSGIC provide that would help you in your career?





MSGIC Survey Results 2018

13. What sort of training can MSGIC provide that would help you in your career? (Continued)

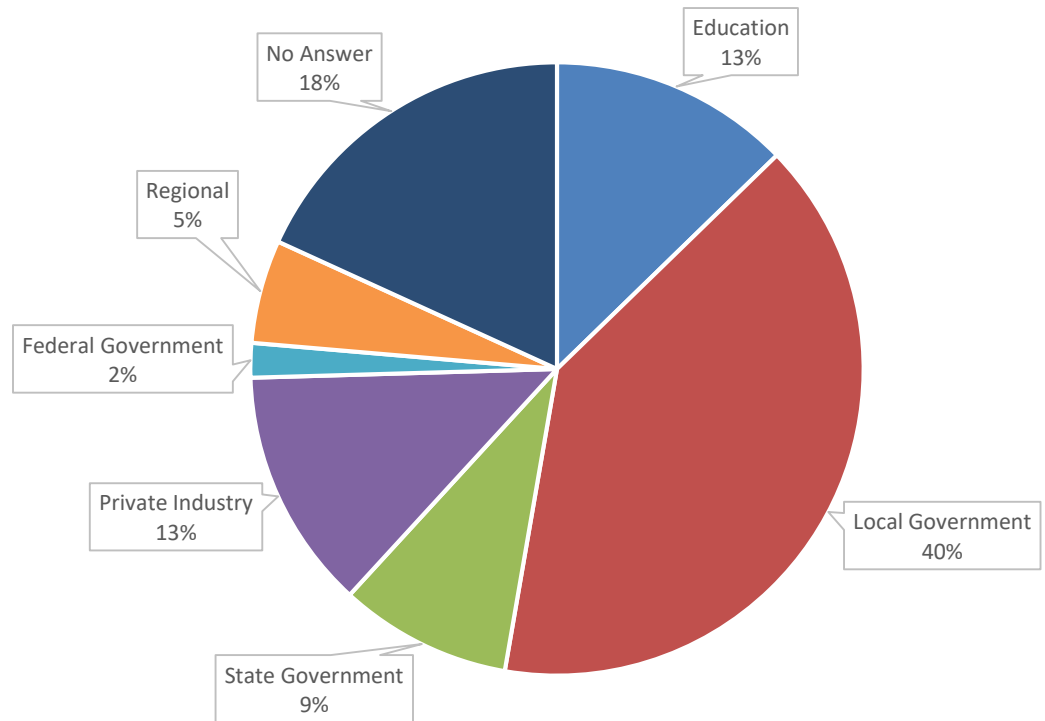
- Programming/Scripting/Application Development
- Augmented Reality
- Conducting Requirements Analysis
- Database Design
- Incorporating drone data into GIS



MSGIC Survey Results 2018

14. If you identify yourself as a member of a MSGIC Caucus, which caucus?

| | |
|--------------------|----|
| Education | 7 |
| Local Government | 22 |
| State Government | 5 |
| Private Industry | 7 |
| Federal Government | 1 |
| Regional | 3 |
| No Answer | 10 |

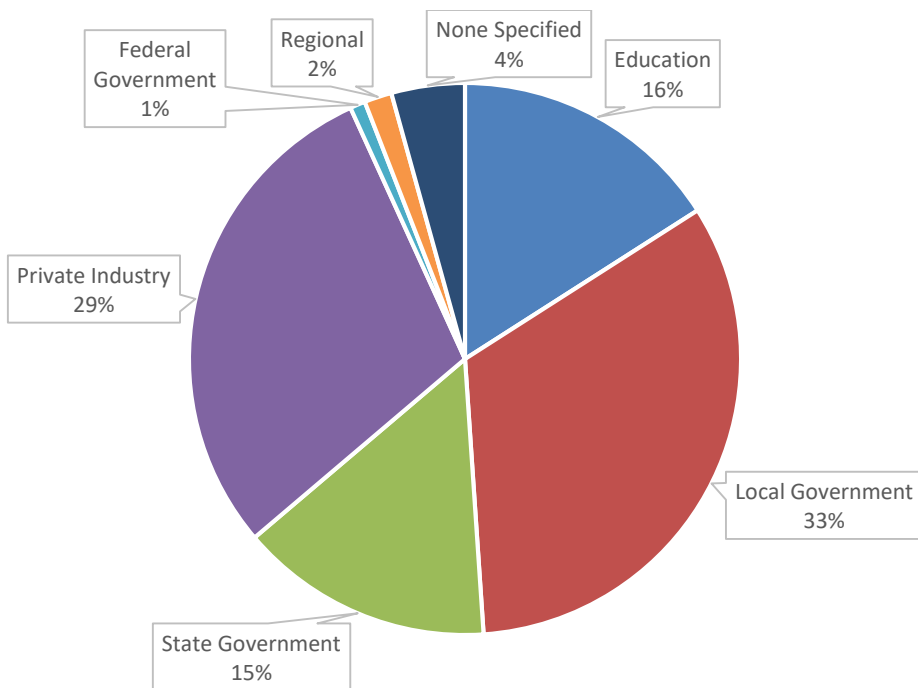




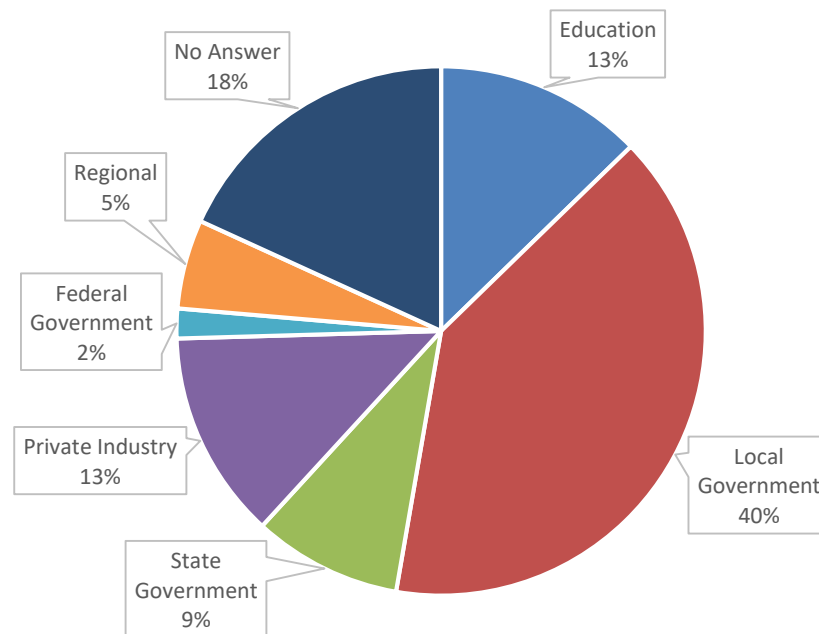
MSGIC Survey Results 2018

Caucus Breakdown

All MSGIC Membership



Survey Participants





MSGIC Survey Results 2018

15. What topics do you think your Caucus should address?

- Innovative ways Governments are solving problems that most of us have to deal with (such as NG911, property info. management, addressing, planning, storm water, public utilities)
- GIS for Policy decision & support. How can we make GIS a more critical technology to Leadership/Elected Officials
- Adoption of new technologies and improving GIS skills
- How open source tech/data can be of use to private industry
- Better access to state data, standardization, problems with inappropriate use of data.
- Encouraging private industry solutions for public problems. Advocating for quality-based selection on all public bids
- Forum for collaboration and cooperation among jurisdictions
- Increasing MSGIC participation among the membership



MSGIC Survey Results 2018

Executive Committee Takeaways

- More training, more variety (Keeping up with technology)
- Advocate for better data (standards, harmonization, more available)
- Career growth (emerging professionals and current professionals)
 - Outreach to high schools
- Collaboration within the State and neighboring jurisdictions
- Promotion of GIS to leaders/elected officials
 - MACo promotion of GIS projects
- Continued communications



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Develop consistent, streamlined communication plan promoting MSGIC purpose and connecting the informational needs of membership
- Activity Timeline for tracking when MSGIC events should occur which allow the Committee to pre plan for upcoming events.
- Several “process” forms for posting information through Social Media and the MSGIC website.
- Documents for tracking information on Quarterly Meeting information, MSGIC accounts, and outside contacts have been developed.
- Development of initial roles and responsibilities of the Executive Committee where completed in December 2017. The Executive Committee will need to strengthen these documents to determine if current responsibilities still fit the role.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Establish budget needs to carry out plan
- A preliminary budget was drawn up with basic budget needs established. Focus on receiving membership feedback (Survey) will help us develop where funding should be spent. Initial review of the survey results shows the most value would be gained by providing training for MSGIC members.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Establish unified communication ecosystem to streamline how the message gets delivered to the broad membership or specific sub committees/caucuses. This includes social media, email, and CRM/XRM system. Deploy CRM/XRM within 1st quarter of MSGIC EC Year 18
- Our Membee Membership Tracking System went live in April 2018. We continue to take advantage of the features this system offers and has greatly helped track membership, membership dues, and automatic reporting to the Committee.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Establishing standards for developing and carrying out initiatives (work groups)
- Currently, there are three working groups, with a fourth being developed. A standard template has been developed to provide the purpose and process of each working group and can be seen on the MSGIC website.
- A more formal process needs to be developed for initiating a working group by the Executive Committee.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Standardize caucus information packets and coordinated outreach by subcommittee/caucus chairs. Initiate regular communication. Leverage CRM/XRM
- At the moment, there is no initiative to begin this process. The roles and responsibilities of each Executive Committee position will be used to build the information packets.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Deploy user feedback forms/surveys on regular basis
- A Membership Survey was completed in June 2018. This repeatable survey should be used in the years to come to gather membership feedback on MSGIC value, communication and social media use, and interests the membership wants the Executive Committee to pursue.
- As a part of the Membee Tracking System, research needs to be done on how we can implement feedback forms after each MSGIC event.



MSGIC Strategic Goals Mid-Year Review

Year 1: Standardize Communication

- Identify non-executive committee key communicators to support plan
- **Non-Executive key communicators have not been put in place.**



MSGIC Strategic Goals Mid-Year Review

Year 2: Focus on Engagement

- Increase young professionals/students active participation in MSGIC in an effort to strengthen the MSGIC leadership moving forward
- Increased active engagement with specialized communities within the Maryland's GIS industry via workgroups
- Make MSGIC Executive Committee more inclusive and/or open by actively encouraging larger attendance pools
- Increased engagement with the education communities to increase active student participation
- Increased involvement/engagement with legislative initiatives across the state both at a local and state level
- Maximizing return of membership fees



Presentation

TUgis 2018 Conference Update

Julie Spangler, JMT Technology Group, TUgis Advisory Committee

Up Next: Networking Break

TUgis

Maryland's Geospatial Conference

August 7–8, 2018 | Towson, MD

Only 18 Days Away!!



TUgisConference.com

 @TUgisConf

TUgis

Maryland's Geospatial Conference

August 7–8, 2018 | Towson, MD

Training Classes
Conference Registration

Conference Logistics
Plenary Panel
Industry Talks

Emerging Professionals

TUgisConference.com

 [@TUgisConf](https://twitter.com/TUgisConf)



Networking Break

11:00am to 11:30am



Up Next: Working Group Updates



Working Group Updates

NG911 – *Peter Hanna*

Elevation – *Roger Barlow*

Business Entity Data – *Patrick McLoughlin*

Career Development – *Julie Spangler*

Up Next: Presentation



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PUBLIC SAFETY/NEXT GEN 911 WORKING GROUP



Maryland State Geographic Information Committee

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- ELEVATION WORKING GROUP



Maryland State Geographic Information Committee

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- BUSINESS ENTITY WORKING GROUP



Maryland State Geographic Information Committee

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- CAREERS WORKING GROUP



Presentation

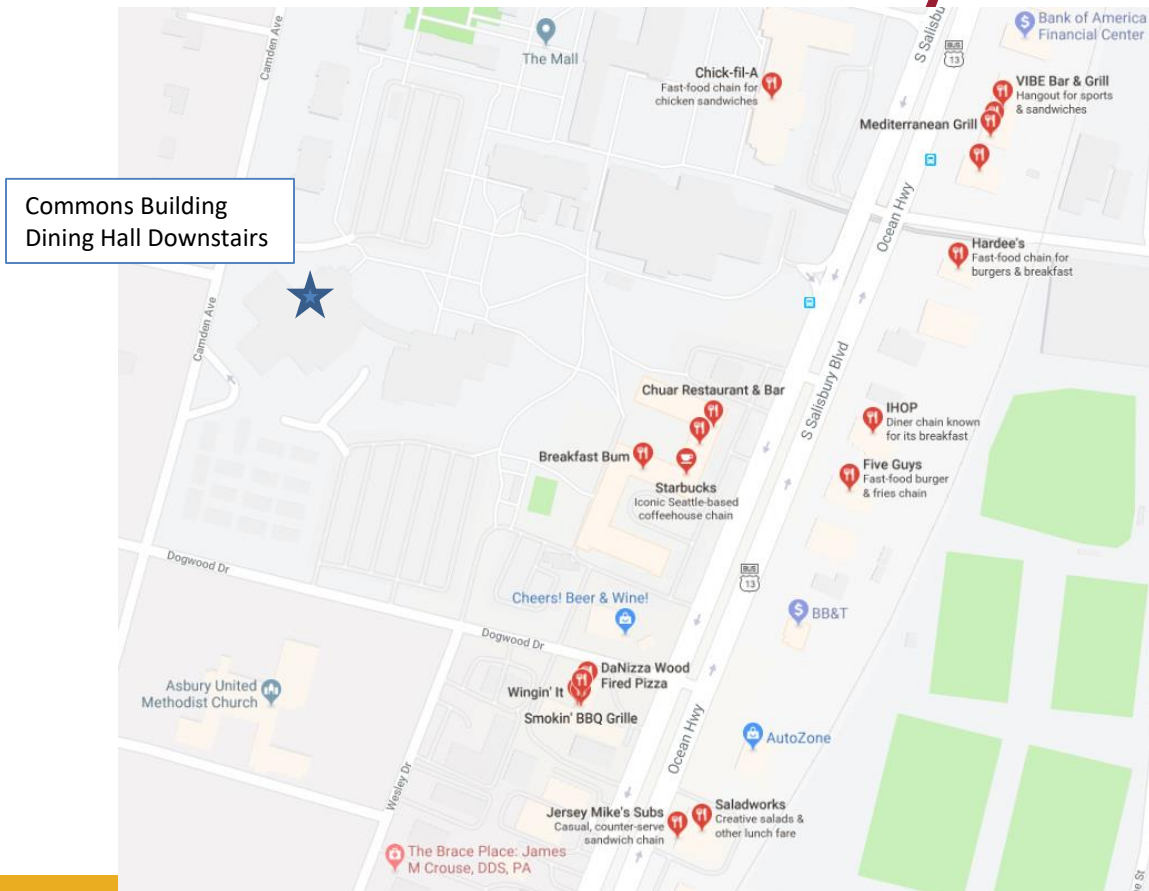
Caroline County DataMark Address Assessment and Action Plan

Chris Kephart, Caroline County Planning and Codes

Up Next: Lunch!



LUNCH – On your own



Lunch Break:
12:30pm – 1:30pm



Presentation

A Year on Ice – A Winter-Over Experience at The South Pole

Roger Barlow, USGS

Up Next: Networking Break



Networking Break

2:30pm to 3:00pm



Up Next: 2018 Caucus Meetings



2018 Caucus Meetings

Local Government Caucus - ~~Lynda Warthen~~ Julie Spangler

State Government Caucus – Kevin Coyne

Private Industry Caucus - Niki Miller

Regional Caucus - ~~Charlene Howard~~ Patrick Callahan

Education Caucus – Art Lembo

Up Next: New Business



New Business

Salary Survey

Elections 2019



Maryland State Geographic Information Committee

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CAD/GIS Operator/Analyst

Prepares layouts for and controls the drafting of maps and technical drawings using computer assisted drafting or geographic imaging software.

| Jurisdiction | Actual Salary | Minimum Salary | Maximum Salary | Match + / - / = | Comparable Title in Your County | # of Emp | Comments |
|------------------|---------------|----------------|----------------|-----------------|--|----------|---|
| Allegany | 50,511 | 36,095 | 68,592 | = | Drafter/CADD Operator | 1 | |
| Anne Arundel | 63,826 | 48,494 | 80,823 | = | GIS Specialist | 16 | |
| Baltimore City | 47,990 | 40,495 | 48,950 | | GIS Technician | 3 | Maximum salary with longevities is \$57,269 |
| Baltimore County | 65,916 | 53,396 | 66,671 | = | Geographic Information Systems Analyst | 2 | 35 hour position. maximum salary with longevities is \$84,990. |
| Calvert | 60,576 | 47,666 | 77,022 | = | GIS Analyst and GIS Mapping Technician | 3 | 35/week |
| Caroline | 40,119 | 39,665 | 53,932 | | GIS & Data Coordinator | | |
| Carroll | 56,681 | 43,909 | 70,242 | | GIS Analyst-Engineering | 1 | Converted to 40 hours |
| Cecil | 79,487.20 | 66,511.38 | 104,881.66 | = | GIS Coordinator | 1 | |
| Charles | 61,480 | 41,230 | 66,399 | = | Database Specialist (CAD or GIS) | 2 | |
| Dorchester | 39,120 | 37,235 | 58,074 | = | GIS Technician | 1 | |
| Frederick | 68,416 | 51,062 | 81,699 | + | GIS Specialist I | 4 | |
| Garrett | 57,935 | 44,027 | 67,778 | = | GIS Specialist | 1 | |
| Harford | 69,376 | 52,800 | 112,261 | = | GIS Analyst II | 2 | |
| Howard | 59,426 | 39,416 | 66,768 | = | Engineering Support Technician I | 1 | |
| Kent | | | | | | | |
| Montgomery | 102,924 | 66,481 | 110,359 | | IT Specialist III | 48 | All CAD/GIS Analysts are classified as IT Specialist III, no role differentiation. Base salary only: 102,418. |
| Prince George's | 67,839 | 49,595 | 90,679 | = | Engineering Technician IV | 4 | Covered by several different unions. Represents the largest group of this class of employees (A). |
| Queen Anne's | 68,518 | 56,746 | 91,066 | = | GIS Coordinator | 1 | |
| St. Mary's | 61,048 | 40,123 | 64,147 | = | | 1 | |
| Somerset | 57,757 | 35,247 | 57,757 | = | GIS Technician/Zoning Specialist | 1 | |
| Talbot | 70,218 | 62,938 | 78,930 | | GIS Manager | 1 | |
| Washington | 44,705 | 41,710 | 65,230 | = | GIS Analyst | 2 | |
| Wicomico | 84,035 | 43,059 | 86,119 | | Chief Technincal Services & Environmental Planning | 1 | |
| Worcester | | | | = | | | |
| MNCPPC | | 34,666 | 59,319 | = | CAD/GIS Technician II | | Vacant |
| | | | | | | | |
| AVERAGE | 62,632 | 46,633 | 75,117 | | | | |

* Charles County Government is an 37.5 hour work week, unless otherwise indicated



MSGIC Elections 2019

Executive Committee Elections are Almost Here!

- August we will begin to solicit for nominations for Executive Committee positions.
- September will be a SurveyMonkey Election site for you to vote.
- All positions will be announced at the Fall MSGIC Quarterly in October.
- More information on the chair positions are on the website and in the MSGIC Bylaws.



MSGIC Elections 2019

Executive Committee Elections are Almost Here!

- Vice Chair – Becomes Chair in 2020
- Secretary
- Treasurer
- Education Caucus Chair
- Local Government Caucus Chair
- Federal Government Caucus Chair
- Private Industry Caucus Chair
- Regional Caucus Chair
- State Government Caucus Chair
- State Government Caucus Chair
- Data and Resources Subcommittee Chair
- Educational Subcommittee Chair
- Outreach Subcommittee Chair
- Advocacy Subcommittee Chair



Adjourn

Fall Quarterly Meeting

McMurdo Station, Antarctica

(or some place closer)

October 17th, 2018





Maryland State Geographic Information Committee

A commitment to excellence in the development and coordination of geographic information technologies.

Happy Hour!

Please join us for a MSGIC
sponsored Happy Hour at
Specific Gravity

105 E College Ave
Salisbury, MD 21804





MSGIC Strategic Goals Mid-Year Review

Year 2: Focus on Engagement

- Increase young professionals/students active participation in MSGIC in an effort to strengthen the MSGIC leadership moving forward
- Soon to have a Careers Working Group established.
- Two successful emerging GIS professionals nights
- Emerging professionals training session at TUgis in August.
- MSGIC participated in a Montgomery College Job Fair in April which promoted the value of MSGIC and encouraged students and graduates to participate in the GIS community.
- MSGIC participated in a high school GIS project review class in May 2018
- MSGIC is actively looking to sponsor the Maryland ArcGIS Online School Competition 2019 formerly sponsored by the Maryland Geographic Alliance.



MSGIC Strategic Goals Mid-Year Review

Year 2: Focus on Engagement

- Increased active engagement with specialized communities within the Maryland's GIS industry via workgroups
- Executive Committee representatives have participated in several regional GIS user group meetings to encourage more of the GIS community to be more active in GIS matters