MSGIC Winter 2021 Quarterly Meeting

Presentation: GIO Update

Maryland Department of Information Technology (DoIT)

Geographic Information Office / Data Services (BI/GIS)

MD iMAP Portal @ https://imap.maryland.gov

Maryland's GIS Data Catalog @ https://data.imap.maryland.gov

Maryland's Open Data Portal @ https://opendata.maryland.gov

Maryland Department of Information Technology (DoIT)

Geographic Information Office / Data Services (BI/GIS)

Conrad Schaefer > Senior GIS Systems Specialist
Darren Lloyd > GIS Analyst
Dawn Blanchard > GIS Program Manager
JB Churchill > Senior GIS Systems Specialist
John Lesko > GIS Program Manager
Julia Fischer > Director, GIO
Lisa Lowe > Senior GIS Systems Specialist
Susan Hmel > Senior GIS Developer

2020 By the Numbers

of Supported Organizations = 45

# of Supported Organization FTEs = 38,000+

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ArcGIS Online Users = 2,250+

ArcGIS Desktop Concurrent Users = 1,500+

ArcGIS Desktop Single Users = 40+

ArcGIS Server/Enterprise Licenses = 25+

Ticket Requests = 1,710

Ticket Incidents = 857

UPDATES > Imagery Program

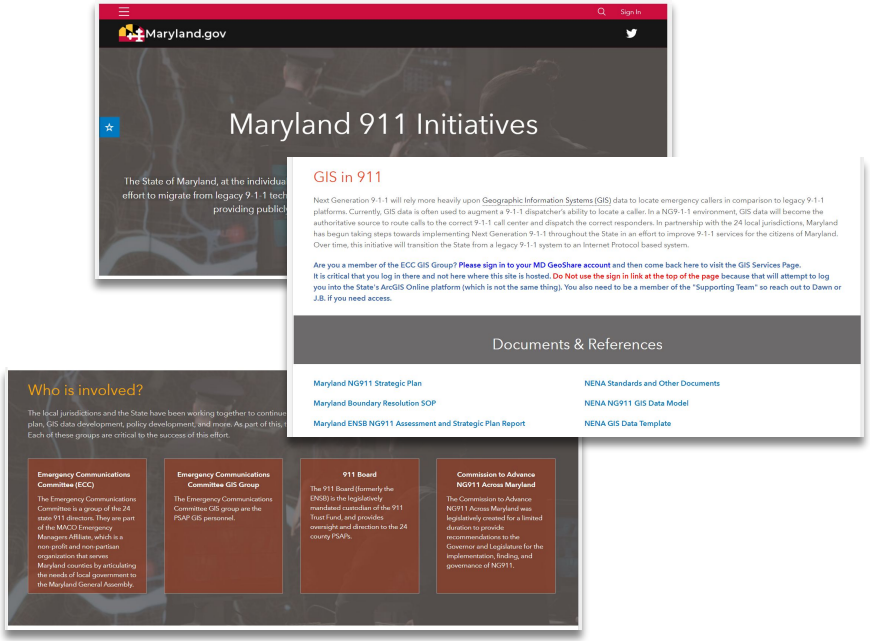
Western Shore 2020

- In Progress > final checks on derivative products and tiffs;
- In Progress > final checks on corrections;
- Completion anticipated by end of January;
- Deliveries to counties promptly after completion.

Thanks to the Maryland 911 Board for continuing to fund this vital asset.
Thanks to Howard County for sponsoring the Western Shore project.

UPDATES > NG 9-1-1

- Infrastructure
  - Virtual environment setup
  - Next step > establish validation and consolidation workflows
- 911.maryland.gov launched
  - Hub for GIS community to centralize communication and data sharing



UPDATES > NG 9-1-1

Next Generation 911 Commission Report

GIS Recommendation #1 > To preserve operational integrity with multiple emergency services IP network (ESInet) vendors, the Commission recommends that jurisdictions:

- Continue to coordinate with the Maryland Department of Information Technology (DoIT);
- Provide their NG911 GIS data for statewide validation prior to updating any GIS data with ESInet providers.

GIS Recommendation #2 > DoIT, in coordination with the county jurisdictions, shall develop and distribute a statewide sustainable, standardized structure for each value added GIS dataset identified by the MACo ECC as beneficial to improving emergency incident location.

UPDATES > NG 9-1-1

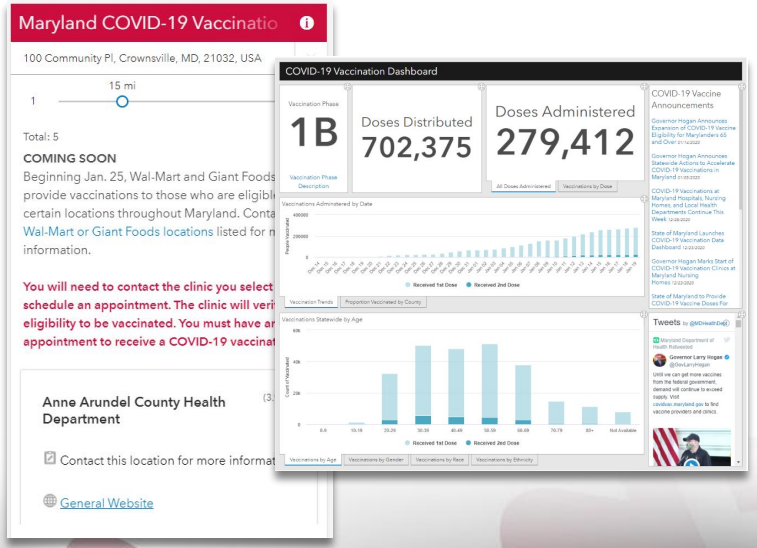
GIS Recommendation #3 > The Commission encourages jurisdictions to create or modify existing memorandums of agreement (MOAs) between entities:

- To include geographic information systems (GIS) data maintenance accuracy;
- To update scheduling standards necessary to support NG911; and
- Within their service area (i.e., municipalities, county, State, federal, and college campuses) that are involved in the required GIS data creation and maintenance.

GIS Recommendation #4 > Counties entering contracts for Next Generation Core Services (NGCS) shall require that NG911 service providers accept the National Emergency Number Association (NENA) i3 standardized and validated data.

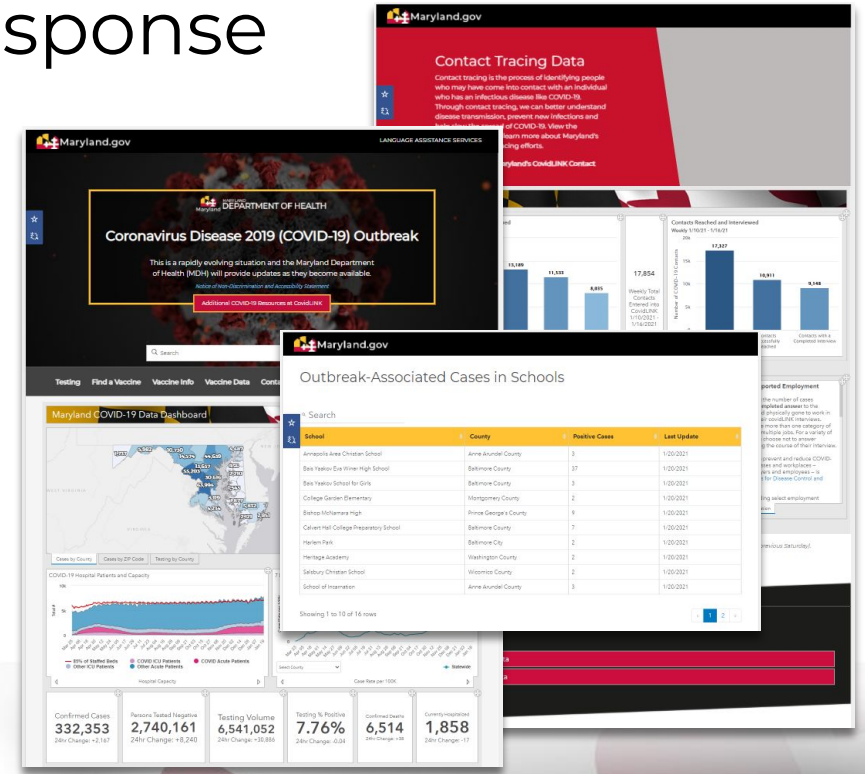
UPDATES > COVID-19 Response

- Launched on 03/14, Maryland's website @ coronavirus.maryland.gov
  - 10,870,868 visitors;
  - 70,452,677 pageviews.
- Launched "Find a Vaccine" app
- Launched vaccination dashboard
  - Doses Distributed, Administered (1st & 2nd)
  - Vaccinations by County
  - Vaccinations by Age, Gender, Race, Ethnicity



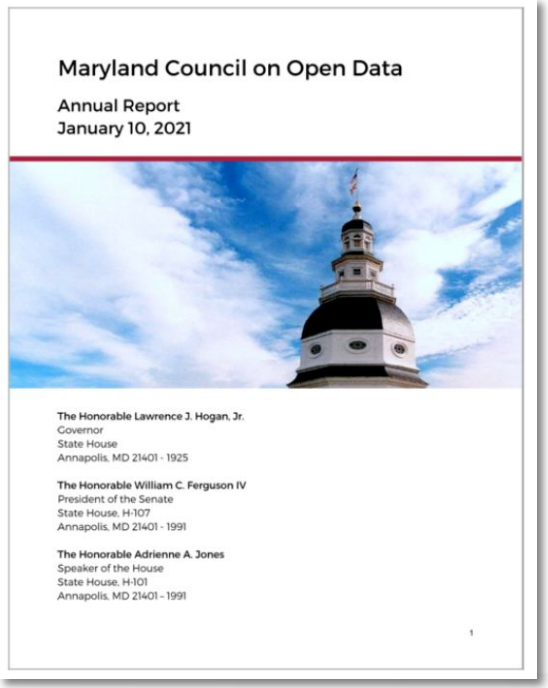
UPDATES > COVID-19 Response

- 51 datasets are available to explore, visualize and download from Maryland's GIS Data Catalog and Maryland's Open Data Portal.
- Full site redesign
- Recently added maps and charts:
  - Daily cases by age group graph
  - Contact Tracing, Most Recent Week's Exposure
  - Schools data



Council on Open Data

- Released 2021 Annual Report
- Highlights:
  - Data supporting COVID-19 response;
  - Data improving 911 location accuracy;
  - Data increasing budget transparency;
  - Outreach to higher education institutions;
  - Partnerships with local jurisdictions; and
  - Dashboards providing access to vital data.



Maryland Council on Open Data

Annual Report
January 10, 2021

The Honorable Lawrence J. Hogan, Jr.
Governor
State House
Annapolis, MD 21401 - 1925

The Honorable William C. Ferguson IV
President of the Senate
State House, H-107
Annapolis, MD 21401 - 1991

The Honorable Adrienne A. Jones
Speaker of the House
State House, H-101
Annapolis, MD 21401 - 1991

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Maryland In the Community

Presented at dataMontgomery Quarterly Meeting

Guest Lecture for UMD Urban Studies & Planning Graduate Program

Harvard Kennedy School Ash Center, Data-Smart City Solutions
Maryland's GIS- and Data- Driven Governance Model for Pandemic Response

MD iMAP Technical Committee Meetings

- Continue to be held on the first or third Tuesday of each month
- Call-in only for the foreseeable future
- Contact: John Lesko, john.leskoii@maryland.gov for email notifications

Priorities for 2021

- MD iMAP v4.0
- Next Generation 911
- Redesign of https://imap.maryland.gov website
- Data Trust > Contracts & Pipelines
- COVID-19 support
- Agency migration to DoIT & Portal-to-Portal implementation
- New dashboards, new open data layers, new geospatial applications

Questions?

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DoIT Service Desk > service.desk@maryland.gov

Julia Fischer > julia.fischer@maryland.gov or 410-972-5642