# MSGIC Fall 2022 Quarterly Meeting

Presentation: State Caucus Update

J.B. Churchill & John Lesko (co-chairs)

# Department of IT (DoIT) - Data Services; GIS



Council on Open Data

"It is the policy of the state that open data be machine readable and released to the public in ways that make the data easy to find, accessible, and usable, including through the use of open data portals."

## Next Council Meeting

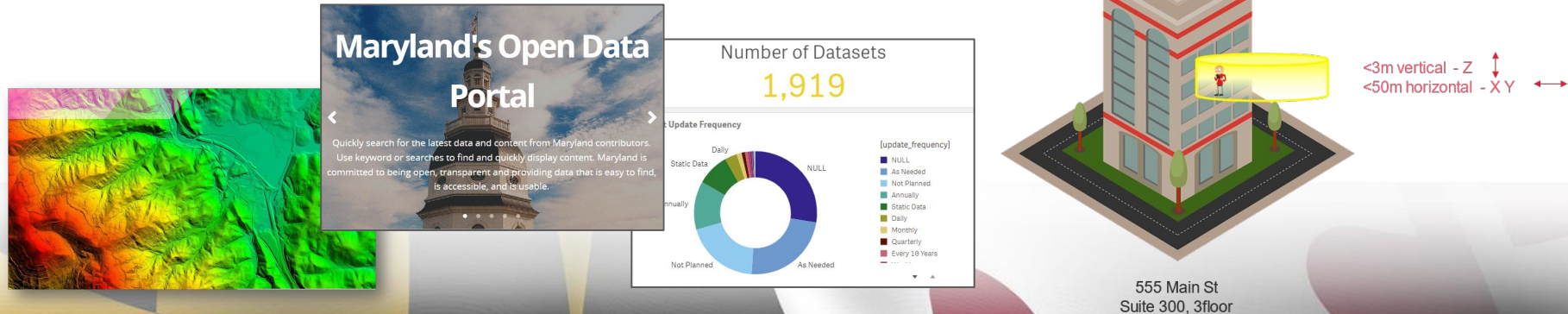***Full Council Meeting: December 16th, 2022***

*10:00 AM - 12:00 PM*

*[Web Conference URL](#) and Call in (US) +1 617-675-4444 PIN: 707 047 957 0757#*

Questions? - Contact jb.churchill@maryland.gov

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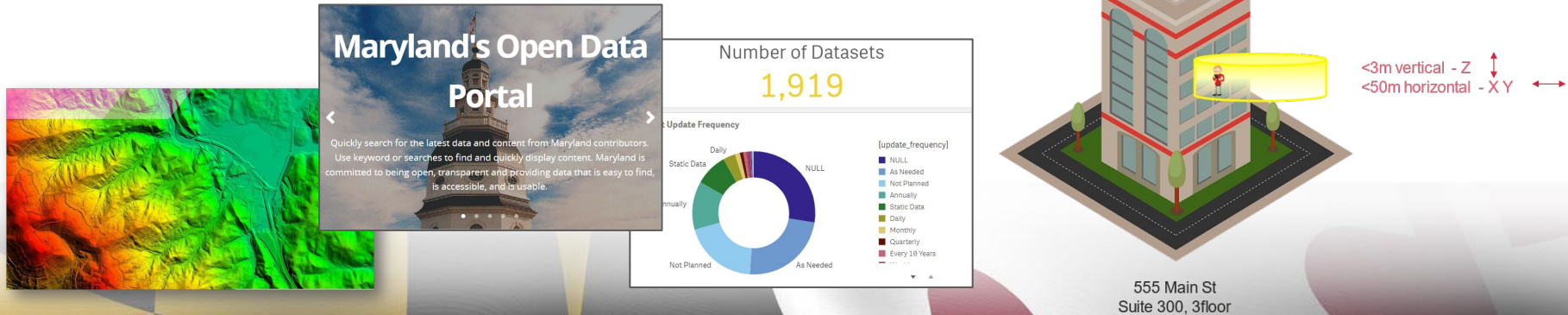
# Department of IT (DoIT) - Data Services; GIS

- NG911 Project - MCP / DoIT (Z-Axis for NG911) to 911 Board continues; Dawn Baldridge is preparing a business case study to provide to the 9-1-1 Board and a presentation on why the Z-Axis initiative is important for the first responders;

**Maryland's Open Data Portal**

Quickly search for the latest data and content from Maryland contributors. Use keyword or searches to find and quickly display content. Maryland is committed to being open, transparent and providing data that is easy to find, is accessible, and is usable.

Number of Datasets

**1,919**

Update Frequency

[update_frequency]
- NULL
- As Needed
- Not Planned
- Annually
- Static Data
- Daily
- Monthly
- Quarterly
- Every 10 Years

Daily
Static Data
NULL
Annually
Not Planned
As Needed

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<50m horizontal - X Y

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# Department of IT (DoIT) - Data Services; BI

- DNR R3 Project (Recruitment, Retention and Reactivation Plan)
- Conducting demonstrations for agencies interested in utilizing the QLIK platform and the State SCGC (Socrata Connected Government Cloud) and the Open Data Portal

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# Department of IT (DoIT) - GIS;

- The 2022 Eastern Shore OrthoImagery project is on schedule. The initial QA/QC has been completed by AECOM and the county representatives Sanborn is in the process of reviewing the calls and making corrections. Final deliverables will be begin to be processed and delivered by mid to late November.

# Department of IT (DoIT) - GIS;

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# Department of IT (DoIT) - GIS;

- The planning  for the 2023 Western Shore OrthoImagery project is underway.  Lisa sent an email to counties and municipalities concerning upgrades.  The 9-1-1 Board funded the 3 inch pixel upgrades this year so we are advertising for that possibility for the western shore.  So far, the City of Annapolis has requested a proposal of 3 inch pixel upgrade.

- Should any county, municipality or PSAP wish to explore an update, please contact Lisa Lowe (lisa.lowe@maryland.gov) or me at (john.leskoii@maryland.gov)

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# MDOT SHA GIS Program Updates

► Collaborated with MDOT TSO to publish bicycle Level-of-Traffic-Stress (LTS) derived from Esri Roads & Highways maintained data

► Traffic Control/Signal Devices data now maintained and published via Esri Roads & Highways

► Recreational Trails Program Application

► MDOT SHA Project Portal built on Esri HUB being heavily utilized for citizen information sharing

► Maryland's Road Closure Reporter continues to be utilized by local jurisdictions throughout the State for the managing and dissemination of local road closures

► MDOT SHA Climate Change Vulnerability viewer multiple layer additions

► Pilot implementations of VUEWorks for Asset Management Office

# Roads & Highways Event/Data Creation

- Access Permits (Complete)
- Bike Routes (Complete)
- Bridge/Structures (Complete)
- Critical Routes (Complete)
- Crosswalks (Complete)
- Dangerous Curves (Complete)
- Geohazards (Complete)
- Highway Needs Inventory (HNI) (Complete)
- Line Striping (Complete)
- Plats (Complete)
- Signals (Complete)
- Speed Limits (Complete)
- ADA (In Progress)
- Adopt-A-Highway (In Progress)
- Crash (In Progress)
- MDTA Freeway Incident Traffic Management (FITM) Plans (In Progress)
- MSP Routes (In Progress)

# Roads & Highways Event/Data Creation

- MTA Bus Stops (In Progress)
- MTA Bus Routes (In Progress)
- Railroad (In Progress)
- Scenic Byways (In Progress)
- Fiber (Backlog)
- Freight Routes (Backlog)
- ITS (Backlog)
- Lighting (Backlog)
- Noise Barriers (Backlog)
- Roadway Dedications (Backlog)
- Raised Pavement Markings (Backlog)
- Rumble Strips (Backlog)
- Sign Inventory (Backlog)
- Sign Structure Inventory (Backlog)
- Snowplow Routes and Liquid Only Routes (Backlog)
- Speed Enforcement Zones (Backlog)
- Traffic Barriers (Backlog)

# Local Centerline Automated Conflation

- ► Working with 1Spatial and their 1Integrate Solution

- ► Automated change detection of spatial and tabular data

- ► Conflation of local road centerline data to MDOT SHA's road centerline

- ► Phase 1 Deliverables:

  - ► A layer containing the road differences for the sample counties in a schema required for downstream integration through MDOT SHA's route and jurisdictional event creation process.

  - ► A layer containing reports where road differences are within tolerance of snap to but not snapped.

- ► Phase 2 Deliverables:

  - ► Configuration document (updated from Phase 1)

  - ► 1Integrate rules configured in such a way that MDOT SHA can complete individual counties as they're onboarded to the local data integration program.

  - ► System Architecture Recommendations document (updated from Phase 1)

# MDOT Critical Asset Viewer
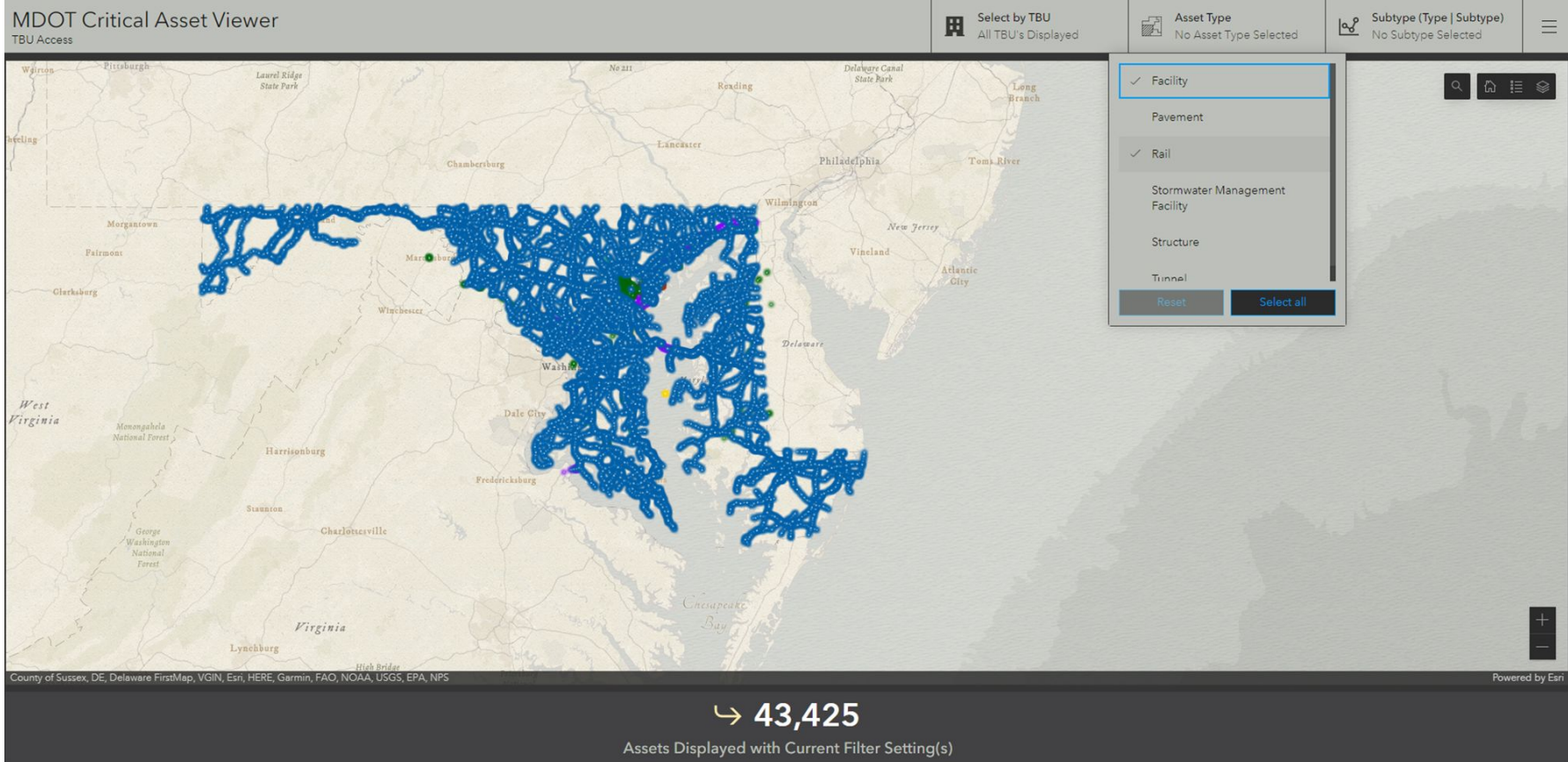
- 2022 Congressional, Legislative, and Precinct geographies are now available on MD iMAP.  These are new, temporary services that will replace the existing services, which contain the pre-election geometries, early in 2023.  Planning will also be developing an interactive map of the data as well.

- The Existing Housing Inventory project (currently under development) was presented at TUGIS.  Based on 2020 data (Census and Assessments), this will be a dashboard for the number and housing unit types at the parcel level.

- Recently completed tax map/parcel data updates: Wicomico, Worcester, and Baltimore City (parcel points and polygons only).  These will appear on MD iMAP and our download site soon.  Carroll County update is wrapping up this week.

- The Census Information Story Map launched in August and contains a primer on Census geographies and State Data Center's role in the Census.    https://storymaps.arcgis.com/stories/e9485075fc5547169b8a5a5992671a46
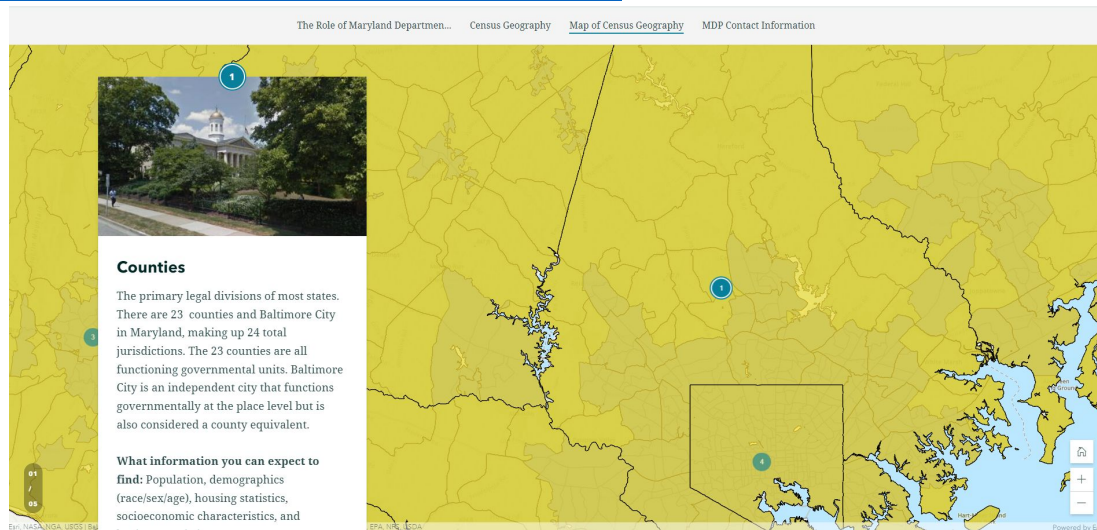
# Maryland Public School Construction

- The Interagency Commission on School Construction (IAC) has published their inaugural Annual Report. The report includes school spotlights, reference data, and thoughts from experts on school construction including the members of the Commission and retired State Treasurer Nancy Kopp. The IAC is looking to continue to grow the use of data and mapping in decision-making processes.  A link to the Annual Report is available at:

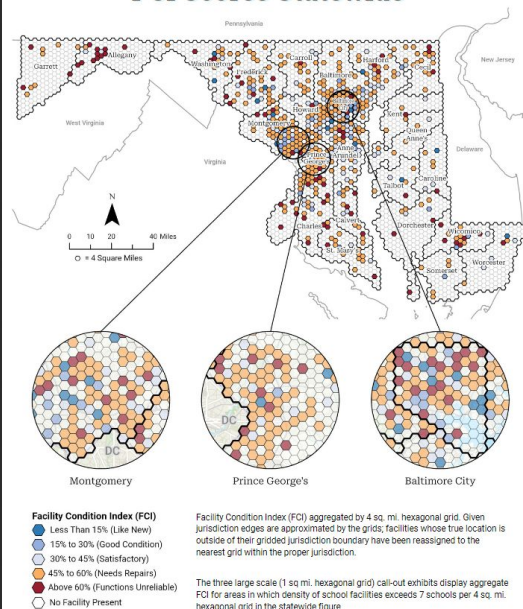https://iac.mdschoolconstruction.org/?page_id=7124&utm_medium=email&utm_source=govdelivery

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# Maryland Public School Construction
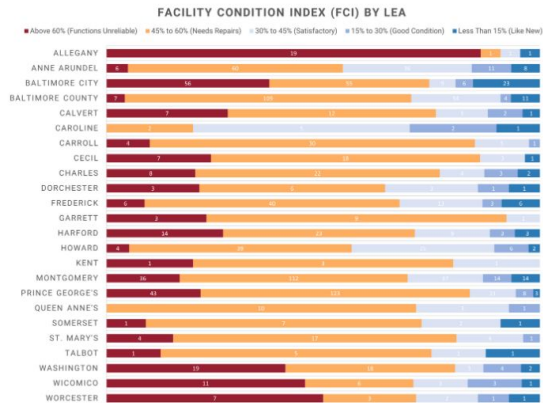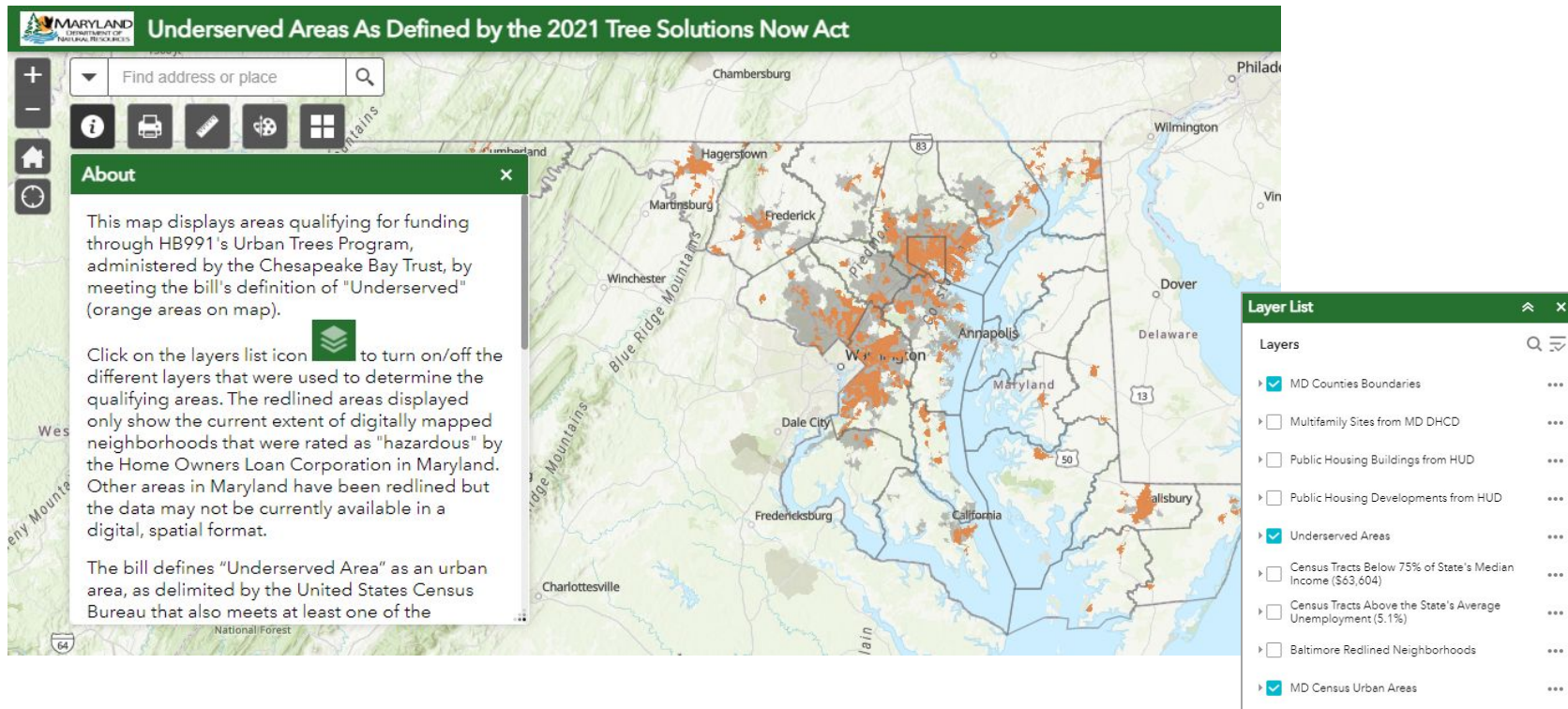
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John Lesko
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THANK YOU!!

# Underserved Areas As Defined by the 2021 Tree Solutions Now Act Map



https://maryland.maps.arcgis.com/apps/webappviewer/index.html?id=4258d3e39f6a47fca146b854c0f01e31

# Department of Housing and Community Development

- **Project Restore - COVID $**
- **Neighborhood Revitalization Map**
- **Project C.O.R.E (Creating Opportunities for Renewal and Enterprise)**





**PROJECT C.O.R.E.**
CREATING OPPORTUNITIES for RENEWAL and ENTERPRISE

Project Restore Number of Awards
## 352

Project Restore Estimated Awarded Amount
## $24.0M

Applicants by Grant Type
● Both ● Property Assistance ● Business Operations

7%

42%

52%

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