

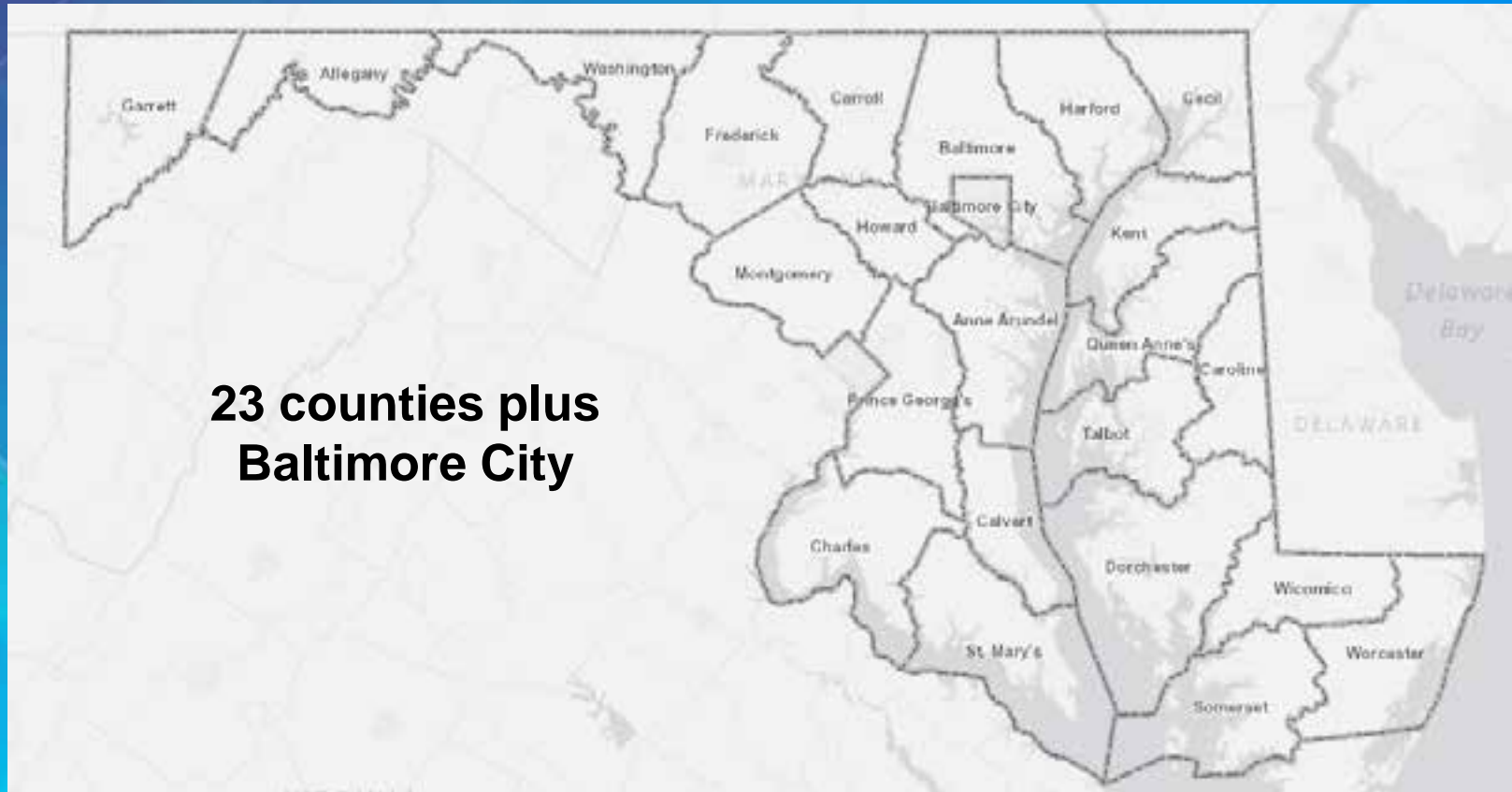
Developing and Publishing Statewide Parcel Data: The Maryland Experience

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Property Mapping in Maryland



MDP is responsible for maintaining tax assessment maps for all 23 counties
Over 2,800 maps and 2.3 million parcel accounts

Property Mapping in Maryland

- MDP took over maintenance of the tax maps from the State Department of Assessments & Taxation in 1996
- Parcel attributes from SDAT database assigned x,y location by MDP
- Maps and parcel points updated with AutoCad and custom GISLink software
- *MdProperty View* debuted in 1996 for ArcView 2.1
- *FINDER* , free software developed in-house by MDP, released in 2003
- 2011 began the process of integrating county-level parcel polygon data in an ArcMap environment

Converting County Parcel Data to Tax Maps

- Reconcile point data to polygons – identify mismatches
- Add annotation – parcel numbers, subdivision names and plat references, road names, etc.
- Add other linework – election districts, municipal boundaries, access easements
- Feature code parcel lines
- Add county map index and grids
- Create town supplemental maps

Tax Assessment Map Samples



- Tax Assessment Map pre-integration with parcel polygons



- Current Tax Assessment Map

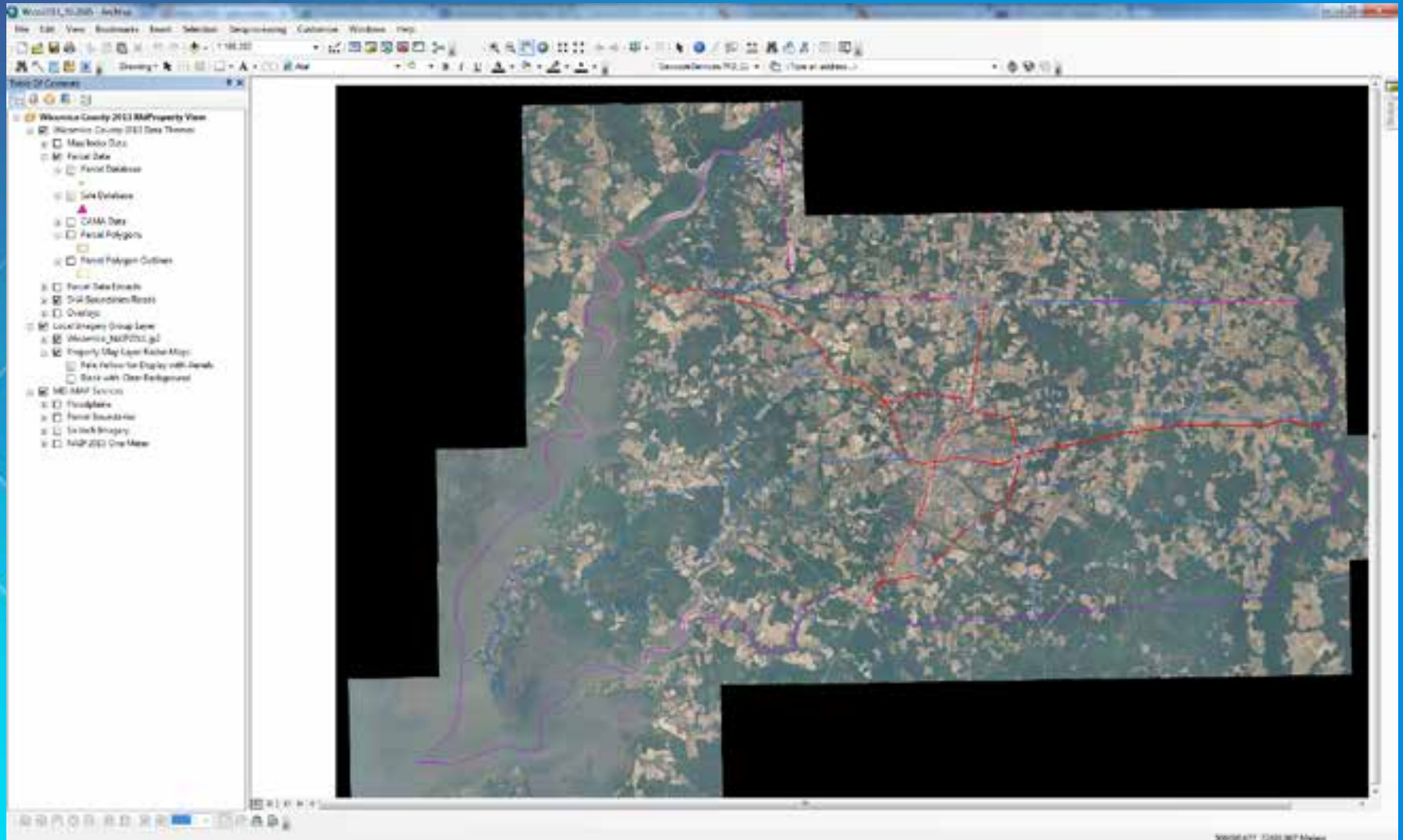
Open Data

- Open Data Act, passed by Maryland's General Assembly in 2014, established a state Council on Open Data, and encouraged data be made free online to the general public.
- Shortly after, MDP created an Open Data Download page for its key mapping products
- *FINDER* replaced with open source *FINDER* Quantum

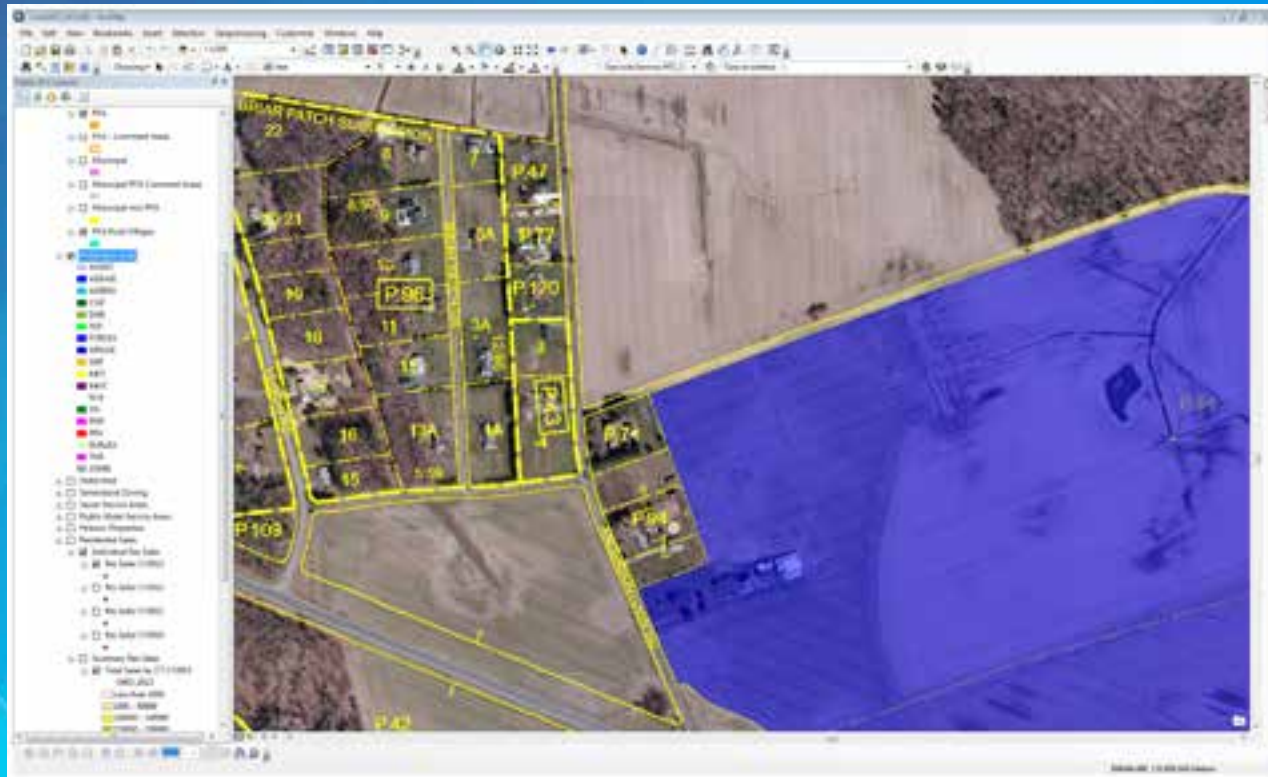


The screenshot shows the Maryland Department of Planning website. The header includes the Maryland state logo and the text "DEPARTMENT OF PLANNING". A search bar is located in the top right. Below the header is a navigation menu with links: HOME, OUR WORK, OUR PRODUCTS, YOUR PART, REDIRECTING, HISTORICAL TRUST, and DATA CENTER. The main content area is divided into two columns. The left column is titled "Resources" and lists several links: MDP Interactive Maps, Priority Planning Areas, Census, Geocoding, Zip Codes, Reports and Products, and Land Use / Land Cover. The right column is titled "Downloadable GIS Files" and is further divided into three sections: "Digital Parcel Mapping Files" (with a link to "More information about Parcel Mapping"), "MnProperty View" (with a list of counties: Allegany, Anne Arundel, Baltimore, Carroll, Cecil, Frederick, Harford, Howard, Kent, Montgomery, Prince George's, Queen Anne's, St. Mary's, Talbot, Washington, Wicomico, Worcester), and "FINDER Quantum" (with the same list of counties). Below these sections is a "Statewide Data" section with links for: Statewide Parcel Points, Statewide Data Lists, Statewide Data Lists - Versioned Month, Statewide Changelog File, and Statewide CMAA Data. In the bottom right corner, there is a yellow map of Maryland showing county boundaries.

Download Products: *MdProperty View* and *FINDER* Quantum



MdProperty View



MdProperty View combines parcel data with other statewide data layers maintained by MDP, such as land use/land cover, priority funding areas, and protected lands

Web Applications



FINDER Online

FINDER Online Mobile



Web Applications

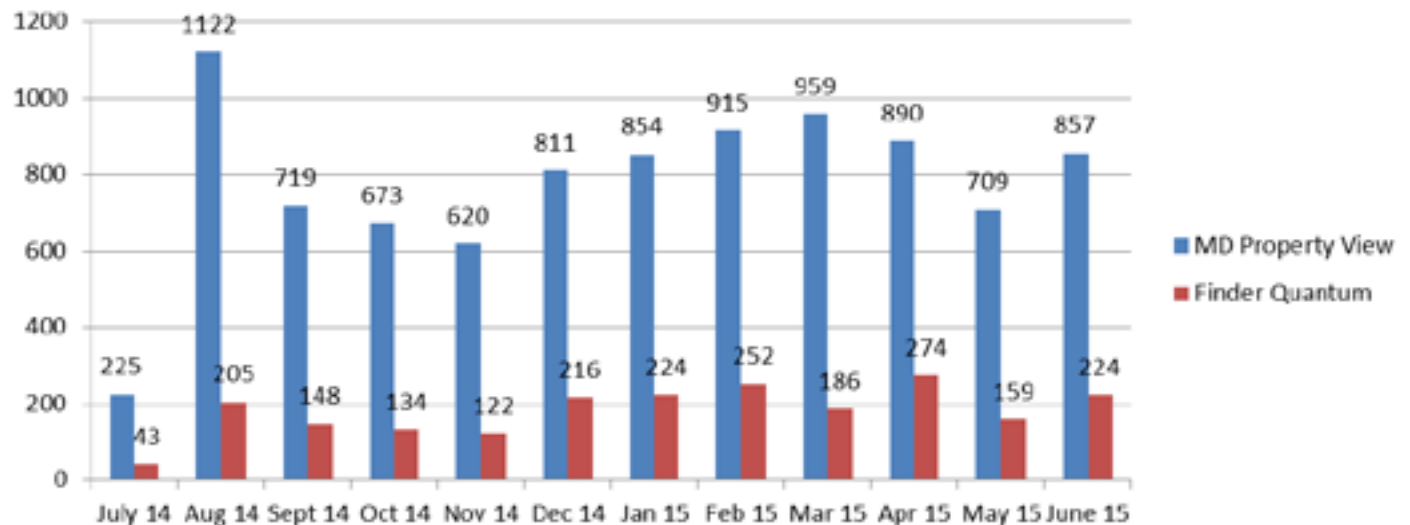


FINDER Online Light

FINDER ONLINE TOTAL & UNIQUE VISITS BY MONTH



STATEWIDE DOWNLOADS BY MONTH



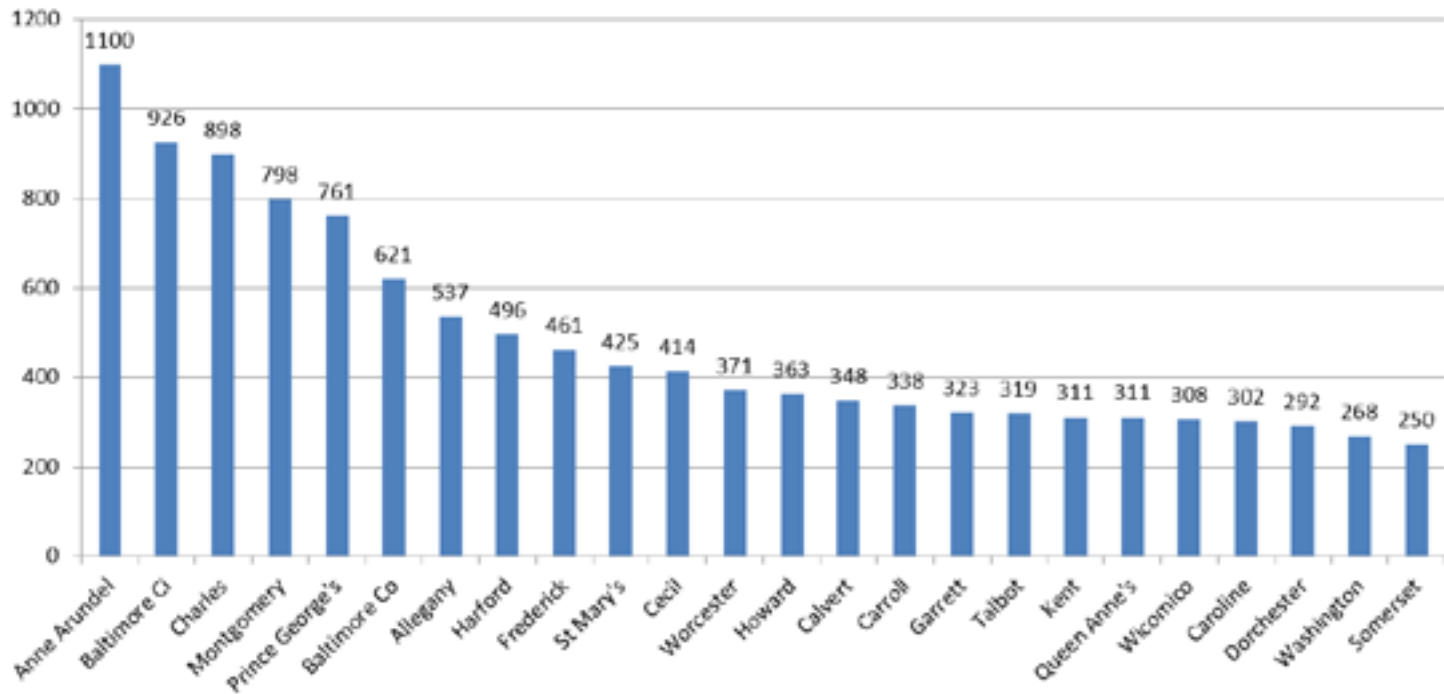
MDPV

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Finder Quantum

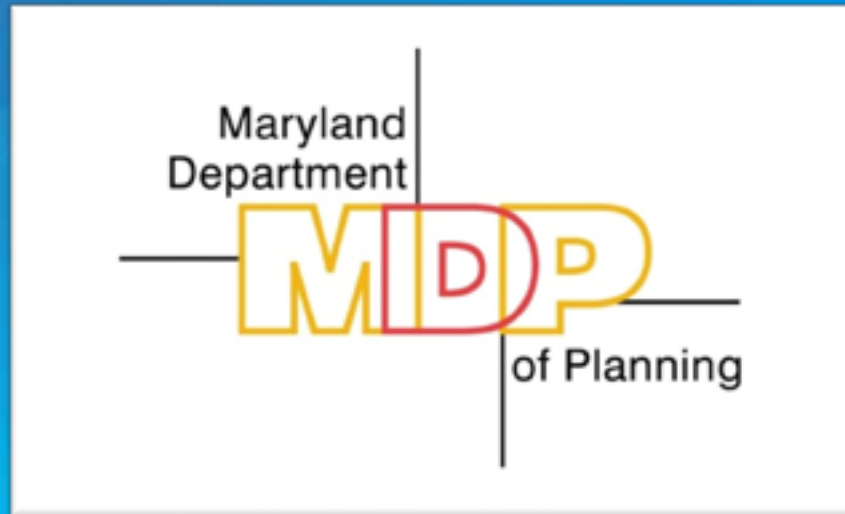
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MDPV & *FINDER*Quantum TOTAL DOWNLOADS BY COUNTY



Benefits

- **MDP has facilitated better coordination between SDAT and county GIS staff**
- **Less populated counties that have their parcels updated by MDP receive more timely updates**
- **Enhancements to cartographic quality and improvement of data accuracy**
- **Free, easy access to data for professionals as well as the general public.**



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